ARCADIS G&M of North Carolina, Inc.
801 Corporate Center Drive
Suite 300
Raleigh
North Carolina 27607
Tel 919.854.1282
Fax 919.854.5448
www.arcadis-us.com

ENVIRONMENTAL

Mark Wilkins
Hydrogeologist
North Carolina Department Environment and Natural Resources
Hazardous Waste Section
401 Oberlin Rd. – Suite 150
Raleigh, North Carolina 27605

Subject:
Preliminary Results from Phase III RCRA Facility Investigation Conducted on the Former Chemicals and Solvents, Inc. Property (2804 Patterson Street), adjacent to the Former Ashland Inc. Facility, 2802 Patterson Street, Greensboro, North Carolina.

Date:
March 10, 2011

Contact:
X 270

Phone:
919.854.1282

Email:
Donald.malone@arcadis-us.com

Our ref:
OH004000.NC04

ARCADIS G&M of North Carolina, Inc.

NC Engineering License # C-1869
NC Surveying License # C-1869

Dear Mark:

The attached report contains data from the former Chemicals and Solvents Inc. (Chemsolv) facility located at 2804 Patterson Street, which is adjacent to the Former Ashland Inc. Facility, 2802 Patterson Street, Greensboro, North Carolina. This work was conducted as recommended within Ashland's Phase II RFI Work Plan dated September 30, 2010.

Based on our discussions with the Chemsolv property owner, Mr. George Cranford and his real estate agent (Mr. Dan Pierce of NAI Piedmont Triad) in September and October 2010, a potential buyer had made an offer to purchase their facility. Ashland complied with a request from Chemsolv to expedite our investigations and collect a comprehensive data set to understand the environmental conditions below their property. The results contained in the attached are generally consistent with historical records for the former Chemsolv facility, which suggest that the property contains impacts to soil and groundwater.

ARCADIS is planning additional investigations, focusing on Ashland's former site, and adjacent and downgradient properties. The results herein and our planned future investigations will be included within an eventual RCRA Facility Investigation (RFI) Report for the multiple properties involved in these investigations.

The findings contained herein, in combination previous reports submitted for the site[1], confirm the presence of other potential commercial/industrial sources of chemicals within the drainage basin.

We look forward to your review and input to this, previous reports for the site. Please let me know if you have any questions or comments. I can be reached at (919) 854-1282.

Sincerely,

ARCADIS G&M of North Carolina, Inc.

Donald R. Malone, P.E.
Principal Engineer/Certified Project Manager 2

Copies:
Mike Dever, Ashland Inc., Dublin, Ohio

Attachment:
Preliminary Results from Phase III RCRA Facility Investigation Conducted on the Former Chemicals and Solvents, Inc. Property (2804 Patterson Street)
(1 paper copy and one PDF copy on a CD).

---

[1] ARCADIS. 2011. *Soil Gas Sampling Results in the Vicinity of an Unnamed Tributary to South Buffalo Creek.* February 28.

ARCADIS. 2011b. 4th Quarter 2010 Progress Report, Former Ashland Inc. Facility. January 31.

ARCADIS. 2010. Proposed Refinements to the Existing Remedial Strategy, Former Ashland Inc. Facility. September 30.

ARCADIS
Infrastructure · Water · Environment · Buildings

ARCADIS G&M of North Carolina, Inc.
801 Corporate Center Drive
Suite 300
Raleigh
North Carolina 27607
Tel 919.854.1282
Fax 919.854.5448

Transmittal Letter

ARCADIS G&M of North Carolina, Inc.

NC Engineering License # C-1869
NC Surveying License # C-1869

To:
George Cranford
2 Bluff Ridge Ct.,
Greensboro, North Carolina 27455
(336) 282-1598

Copies:
Mike Dever – Ashland, Dublin, OH

From:
Donald R. Malone, ARCADIS

Date:
February 25, 2011

Subject:
Preliminary Results from Phase III RCRA Facility Investigation Conducted on the Former Chemicals and Solvents, Inc. Property (2804 Patterson Street), adjacent to the Former Ashland Inc. Facility, 2802 Patterson Street, Greensboro, North Carolina

ARCADIS Project No.:
OH004000.NC04

We are sending you:

☐ **Attached** ☐ **Under Separate Cover Via _____ the Following Items:**

☐ Shop Drawings ☐ Plans ☐ Specifications ☐ Change Order
☐ Prints ☐ Samples ☐ Copy of Letter ☒ Reports
☐ Other:

Copies	Date	Drawing No.	Rev.	Description	Action*
1	2/25/11			Preliminary Results from Phase III RCRA Facility Investigation Conducted on the Former Chemicals and Solvents, Inc. Property	Other

Action*

☐ A Approved ☐ CR Correct and Resubmit ☐ Resubmit _____ Copies
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☐ AS As Requested ☐ FA For Approval ☐ Review and Comment
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☒ U.S. Postal Service 1st Class ☐ Courier/Hand Delivery ☐ FedEx Priority Overnight ☐ FedEx 2-Day Delivery
☐ Certified/Registered Mail ☐ United Parcel Service (UPS) ☐ FedEx Standard Overnight ☐ FedEx Economy
☐ Other:

Comments: Hi Mr. Cranford. As we have discussed, this report is being provide to you based on our Extension of Agreement for Access to Property dated October 21, 2010. Provisions within the original access agreement signed January 23, 1989 requires Ashland to provide copies of results of all soil and groundwater testing performed on the property. Please let us know if you have any questions or comments regarding the attached. Thank you again for working with us during these past few months. Sincerely, Donald R. Malone – ARCADIS.

ARCADIS
Infrastructure, environment, buildings

ARCADIS G&M of North Carolina, Inc.
801 Corporate Center Drive
Suite 300
Raleigh
North Carolina 27607
Tel 919.854.1282
Fax 919.854.5448
www.arcadis-us.com

George Cranford
2 Bluff Ridge Ct.,
Greensboro, North Carolina 27455

Subject:
Preliminary Results from Phase III RCRA Facility Investigation Conducted on the Former Chemicals and Solvents, Inc. Property (2804 Patterson Street), adjacent to the Former Ashland Inc. Facility, 2802 Patterson Street, Greensboro, North Carolina
EPA ID#: NCD 024 599 011

ENVIRONMENTAL

Date:
February 25, 2011

Contact:
Donald R. Malone

Phone:
919-854-1282

Email:
Donald.malone@arcadis-us.com

Our ref:
OH004000.NC04.11303

ARCADIS G&M of North Carolina, Inc.

NC Engineering License # C-1869
NC Surveying License # C-1869

Dear Mr. Cranford:

On September 30, 2010, ARCADIS submitted a Phase III RCRA Facility Investigation (RFI) Work Plan (WP) to the North Carolina Department of Environment and Natural Resources (NCDENR) for environmental investigations planned at Ashland Inc.'s (Ashland) former chemical distribution facility located at 2802 Patterson Street, which also included work planned on several adjacent properties (**Figure 1**) including:

- The former Chemicals and Solvents, Inc. (Chemsolv) property located at 2804 Patterson Street;
- Johnston Properties, Inc. facility located at 2800 Patterson Street;
- The former Lindley Estate Property located behind the Johnston Properties, Inc. facility; and
- ATCO Rubber Products, Inc. located at 2806 Patterson Street.

The scope of work contained in the RFI WP was originally planned to be conducted in two or more phases. However, based on discussions with Mr. Dan Pierce, NAI Piedmont Triad and yourself in September and October 2010, a potential buyer had made an offer to purchase your facility at 2804 Patterson Street. Therefore, you requested that Ashland expedite its planned investigations to better understand the environmental conditions below your property. The results contained herein more thoroughly define the vertical and lateral extent of soil and groundwater impacts below the former Chemsolv property. This work was conducted from November 15 to November 30, 2010, and was performed using a field screening technique (i.e., Membrane Interface Probe [MIP]), and analytical data from discrete soil and groundwater samples. The MIPs results were submitted to Mr. Dan Pierce via e-mail on December 7, 2010. However, the analytical data require additional time due to

the laboratory's analytical procedures, as well ARCADIS' effort to compile, validate, tabulate, and review the analytical data.

ARCADIS is planning an additional round of investigations within the next 2 months on at least some of the aforementioned properties. The results herein and our planned future investigations in the vicinity of the Ashland site will be included within an eventual RCRA Facility Investigation (RFI) Report for the multiple properties involved in these investigations.

Details of the investigation methods and results for the former Chemsolv property are presented in the following sections.

Methods and Materials

ARCADIS supervised the advancement of a MIPs probe at nine locations on the former Chemsolv site from November 15 to November 20, 2010 to define potential sources of chemicals of potential concern (COPCs) and to identify their potential extents. A MIPs tool is a direct-sensing device that was advanced into the subsurface with a direct-push drill rig, and is used to detect the presence and relative concentrations of organic compounds. It does not; however, provide quantitative results or identify specific compounds. The MIPs uses a semi-permeable membrane placed above a heater block near the tip of the MIPs probe, that heats the soils to approximately 100 to 120 degrees Celsius (ºC) while the tool is advanced into the subsurface. The elevated temperatures help to volatilize, and accelerate diffusion rates for the organic compounds through the MIPs membrane. A constant flow of a nitrogen carrier gas is pumped into the below-ground tubing within the drill rods, from a support vehicle parked adjacent to the drill rig. The carrier gas then sweeps the volatile organic compounds (VOCs) from behind the MIPs membrane at the leading end of the down-hole tools, which then carries the volatilized compounds to three gas-phase detectors located in a support vehicle.

The gas detectors used for this investigation included a photoionization detector (PID), electron capture detector (ECD), and a flame ionization detector (FID). The ECD is the most sensitive detector for chlorinated VOCs (CVOCs), which are present at the facility generally at the highest concentrations as compared to the other chemical constituents. The PID and FID detectors are more selective for aromatic hydrocarbons (benzene, toluene, ethyl benzene, and xylenes [BTEX]) and straight-chained hydrocarbons (methane, butane), respectively (http://geoprobe-di.com/content/view/22/32/). The MIPs tool detects the potential presence and

relative concentration values of total VOCs in soil and groundwater. However, it does not provide actual concentration values for the VOCs, or identify specific compounds that comprise the total VOC mixture.

The MIPs system and the direct-push drill rig were operated by Zebra Environmental Corp. (Zebra). Each boring was advanced to 5 feet (ft) below ground surface (bgs) with a hand-auger to clear potential underground utilities that might have gone undetected during our prior utility clearance efforts. The MIPs tool was connected to 5 ft x 1.25 inch drill rods and advanced at a maximum rate of 1 foot per minute with a Geoprobe 6620 DT direct-push-technology (DPT) drill rig until boring refusal (probe would not advance deeper) was encountered. The depths to refusal generally varied between 40 and 71 ft bgs. Prior to the start of each boring, Zebra conducted a response test to verify that the MIPs system was operating correctly. Upon completing each boring, Zebra decontaminated the drill rods and MIPs tools by scrubbing them with a potable water-Alconox solution as they were removed from the boring. After completion of each MIP boring, Zebra re-advanced a drill rod with a disposable knock-off tip down the boring to the depth of the original boring, retracted the drill rod by 1 to 2 ft, and then pumped a Portland cement-bentonite grout mixture through the drill rods as they were retracted to seal the borehole along its entire depth.

Following our initial evaluation of the MIPs data, ARCADIS supervised the advancement of eight soil borings using a Geoprobe from November 22 to November 30, 2010. Parrott-Wolff Inc. conducted the drilling and collected the soil cores. Each soil boring was advanced to 5 ft bgs with a hand-auger to clear potential underground utilities. From 5 ft bgs, continuous soil cores were collected in 4 ft x 1.75 inch polyvinyl chloride (PVC) liners using a Macro-Core® discrete depth soil sampler advanced with a CME-55 DPT drill rig. The borings were advanced until they reached refusal at depths varying from approximately 40 to 70 ft bgs. Continuous soil samples were collected from each of the borings, visually logged to evaluate lithologic variations with depth, and screened for VOCs with a hand-held PID meter. Soil samples were collected from various depths within each soil boring for laboratory analysis; approximately three soil samples were collected in the vadose zone and one every 10 feet in the saturated zone, depending on the MIP results and the PID screening results.

Groundwater samples were collected at discrete depth intervals from five selected soil borings (SB-25, SB-26, SB-27, SB-28, and SB-45) (**Figure 2**). The discrete depth groundwater samples were collected by removing the Macro-Core® sampler

from the borehole and re-advancing a groundwater sampling tool consisting of a stainless-steel screen within a sealed, steel sheath 2 to 4 ft past the bottom of the borehole. The tool was then retracted to expose the screen to the formation, being careful not to retract it above the previous borehole bottom.

Soil samples were collected using U.S. Environmental Protection Agency (USEPA) Method 5035 for preservation and analyzed for VOCs by USEPA Method 8260B. Samples from targeted locations (i.e., predetermined from the prior MIPs results) were collected for semi-volatile organic compounds (SVOCs) using USEPA Method 8270; volatile petroleum hydrocarbons (VPH) by the Massachusetts Department of Environmental Protection (MADEP) method using USEPA Method 5035 for preservation; extractable petroleum hydrocarbons (EPH) by the MADEP method using USEPA Method 3541; grain size distribution by the ASTM D422/D4464M method; and moisture content, density, porosity, and pore-fluid saturation by the API RP40 method. The discrete depth groundwater samples were analyzed for VOCs by USEPA Method 8260B. All chemical samples were analyzed by TestAmerica Laboratories, Inc, in Savannah, Georgia, which is a North Carolina Certified Laboratory. The grain size distribution, pore-fluid saturations, and other physical properties tests were conducted by PTS Laboratories of Santa Fe Springs, California.

Results

Soil Lithology

The soil types observed in the borings were generally consistent across at the site at the respective depth intervals. The soils encountered from ground surface to an approximate depth of 10 to 15 ft bgs were typically reddish-brown fine-grained silts and clays. The underlying surface soils were characterized as reddish-brown to gray saprolite, comprised of a mixture of fine sand, silt, and clay with relict bedrock features such as mineral grains, fractures, and quartz veins. These soils coarsened and stiffened with depth as the relict bedrock features became more consolidated. Boring refusal was encountered between 40 and 70 ft bgs.

Results from grain-size distribution testing of a few select samples are in **Attachment 1**. The logs for each soil boring are presented in **Attachment 2** and the MIPs results are presented in **Attachment 3**.

MIP Results

The MIPs results are plotted as continual readings versus depth. VOC concentration values were not calculated from the MIP data, but rather the data was used to examine relative VOC concentrations and identify areas of potential concern and evaluate overall mass distribution. The ECD detector is the most sensitive of the three detectors to chlorinated solvents; however this detector frequently reached its maximum reading (16,000,000 micro-volts [µV]) in many of the borings, and therefore during these conditions, the FID and PID readings were more useful for assessing total VOC concentrations, relative to other boring locations, than the ECD readings.

Soil Sample Results

Laboratory analytical results for soil samples are presented in **Table 1** and are compared to the Maximum Soil Contaminant Concentration (MSCC) levels provided by NCDENR for protection of groundwater (soil-to-water migration) and residential and industrial Regional Screening Levels (RSLs) provided by the USEPA. The full analytical reports are presented in **Attachment 4**.

The VOC constituents that were detected in soil samples at concentrations above the MSCCs included: 1,1,1-trichloroethane (1,1,1-TCA); 1,1-dichloroethane (1,1-DCA); 1,1-dichloroethene (1,1-DCE); 1,2-dichlorobenzene; 2-butanone (methyl ethyl ketone); acetone; benzene; cis-1,2-dichloroethene; methylene chloride; ethylbenzene; tetrachloroethene (PCE); toluene; trichloroethene (TCE); and total xylenes. VOC constituents that were detected in soils samples at concentrations above the RSLs included PCE, TCE, ethylbenzene, and total xylenes.

SVOC constituents that were detected in soil samples at concentrations above the MSCCs included: 1,4-dichlorobenzene; 1,2,4-trichlorobenzene; and 2,4-dimethylphenol. Several other SVOC constituents also were detected; but at concentrations below their respective industrial RSLs.

Soil samples were analyzed by MADEP VPH and EPH methods to determine whether petroleum compounds could be present, which would provide anthropogenic carbon at levels that might drive reductive dechlorination of the chlorinated VOC compounds. Based on the data in **Table 1**, various VPH and EPH compounds were detected at the site in the two borings sampled for these compounds (SB-37 and SB-45). However, the detections were at relatively low levels ranging from near the reporting limit to 460 µg/kg for the C9-C12 Aliphatic Hydrocarbons (SB-37[10 ft bls])

and to 460 μg/kg for the C5-C8 Aliphatic Hydrocarbons (SB-45[7 ft bls]). When comparing the VPH and EPH values to their respective VOCs and SVOCs suites, the ratios suggested that petroleum related compounds were not a significant contributor to the overall contaminant mass at the site. Therefore, anthropogenic carbon might be a limiting factor for reductive dechlorination of the chlorinated compounds at the site. MSCCs do not exist for every constituent range analyzed; however, none of the VPH/EPH compounds were detected at concentrations above their respective MSCCs. Based on these data, neither aliphatic hydrocarbons (above the C5 range), nor aromatic hydrocarbons (above the C9 range) are currently present at the site at significant concentrations in the areas tested.

Groundwater Sample Results

Groundwater analytical results are presented in **Table 2** and are compared to the North Carolina Administrative Code Section 2L (NCAC 2L) Groundwater Standards. Detected compounds were similar to those constituents detected in the soil samples. VOC constituents detected in groundwater samples at concentrations above their NCAC 2L groundwater standards included: 1,1,1-TCA; 1,1-DCA; 1,1-DCE; 1,2-dichlorobenzene; methyl ethyl ketone; acetone; benzene; chloroform; cis-1,2-dichloroethene; ethylbenzene; methylene chloride; PCE; toluene; TCE; and total xylenes. The full analytical reports for soil and groundwater samples are in **Attachment 4**.

At SB-45, a second soil boring was advanced to collect a sample from 16 to 18 ft bls for testing of grain size distribution, pore-fluid saturations, and other physical properties by PTS Laboratories of Santa Fe Springs, CA. Grain-size distribution results confirmed what was observed by the field geologist that soils in the 16 to 18 ft interval were predominantly silt with lesser percentages of fine sand and clay. Additional analyses were completed on the soil core to determine pore-fluid saturations. These results indicate a non-aqueous phase liquid (NAPL) saturation of 1.3 percent. Results of the analysis are presented in **Attachment 4**.

Discussion

The lithologic profile beneath the site consists of three hydrostratigraphic units (HSUs) including the saprolite, partially weathered rock (PWR) and bedrock. The investigation on the Chemsolv property focused primarily on the saprolite HSU, which varies in thickness from 40 to 70 feet across the site and is generally the only

unit the direct push drilling technology is capable of penetrating. The PWR and bedrock HSUs were not investigated during this study.

The depth of groundwater in this area of the site typically ranges from 12 to 18 ft bgs, based on historical data ARCADIS has collected from the Ashland site during the past 4 years. On the northern half of the Chemsolv property at boring locations MIP-4, MIP-20, MIP-21, and MIP-22, the highest responses in all three of the MIPs detectors (ECD, FID, and PID) began at approximately 5 ft bgs, within the unsaturated soil zones (i.e., above the water table) and extend down and below the water table. Similarly, at boring locations MIP-5 and MIP-19, located near the facility's eastern property boundary in a former drum storage area (as detailed in Westinghouse 1989), significant responses were observed in both the unsaturated and saturated zones. The presence of unsaturated impacts across the site suggests that spills and/or releases from sources on the former Chemsolv property have likely contributed to impacts in both soil and groundwater at the site. Comparing the data from the three MIPs borings immediately north of the former Chemsolv building, concentrations in the unsaturated soil zone indicates that the railcar off-loading area and former above-ground storage tanks (ASTs) were the primary areas were release had occurred at the facility. These responses decreased with distance moving east towards the Ashland site with MIP-19 located adjacent to the former Ashland Property boundary having a weaker response than MIP-4. Similar results were observed in the two MIP borings farther to the north, where higher concentrations were observed in the western boring (MIP-21), as compared to the lower concentrations observed in the boring closer to the Ashland Property (MIP-5).

In general, the laboratory analyses of soil and groundwater samples were consistent with the MIP investigation findings with the highest impacts in the unsaturated zone observed in soil borings on the northern half of the property (SB-27, SB-28, SB-37, SB-38, and SB-45) **(Figure 3)**. The highest concentrations observed on the Chemsolv facility were near the former railcar off-loading area (SB-45) and chemical storage AST (SB-27), where the facility's transfer operations likely occurred. These results are consistent with the findings from the previous soil investigations at the site (Westinghouse -1989), which identified significant shallow soil impacts in these areas. In comparison, significantly lower soil concentrations were present in the borings located between this source area and the Ashland property (SB-37, SB-28, and SB-38). These results support the MIPs findings, that the Chemsolv site has significant sources of chemicals that impact soil and groundwater quality. Additionally, the presence of residual NAPL at SB-45 at a NAPL saturation of 1.3

percent indicates that the source material could continue to contribute to groundwater impacts over time.

The strongest MIP responses in the southern (down-gradient) portion of the property (MIP-1, MIP-2, and MIP-3) were observed in the saturated zone. At these locations the Electron Capture Detector (ECD) responses on the MIPs were pegged at a maximum response value of 13.4 mV, which is indicative of either the presence of NAPL, and/or very high (milligram per liter [mg/L]) chlorinated compound concentrations in groundwater. The location of these sampling points indicates that groundwater impacts (likely associated with the aforementioned source areas) are present at the down-gradient boundary and are likely migrating off the Chemsolv site.

The soil samples collected from soil borings located in the southern portion of the property (SB-25, SB-26, and SB-36) near and/or along Patterson Street confirm the presence of VOC constituents in the saturated zone, with the highest concentrations observed between 5 to 10 feet, or more, below the water table.

The water samples collected from the borings SB-25 and SB-26 reflect similar VOC trends, albeit generally at significantly lower concentrations than were identified in the samples collected from sources in the northern portion of the property. Benzene is a potential exception to this note, because it was identified at a concentration of 2,100 μg/L in a sample collected from the southwest corner of the facility (SB-26) at a depth of 56 to 60 ft bgs. This is compared to benzene concentrations from below the north half of the Chemsolv property of 2,500 μg/L in SB-27 (at 44 to 48 ft bls) and of 2,700 μg/L in SB-28 (at 60 and 64 ft bls).

Conclusions

The findings from these investigations are consistent with historical records for the former Chemsolv facility, and indicate that the Chemsolv property is a likely source of chlorinated and non-chlorinated impacts to soil and groundwater. High concentrations of chlorinated compounds in unsaturated and saturated zone soils were detected in the former railcar off-loading area, chemical storage ASTs, and former drum-storage area. This finding is consistent with historical investigation reports for the site (Westinghouse 1989). In addition, MIP and soil sampling data on the southern (down-gradient) boundary of the site indicate that groundwater impacts are present at the boundary of the site and are likely migrating off-site. Ashland is not planning to conduct additional investigations on the former Chemsolv property at this time. However, additional investigations are planned on, and in the vicinity of the

former Ashland site to further characterize the subsurface conditions, and to better understand the potential contributions from other potential industrial sources in the area.

Sincerely,

ARCADIS G&M of North Carolina, Inc.

Mathew Webb, L.G.
Geologist

Donald Malone, P.E.
Principal Engineer/Certified Project Manager 2

NORTH CAROLINA LICENSED SEAL 2244 GEOLOGIST MATHEW DOUGLAS WEBB

Attachments:

Table 1.	Soil Analytical Results
Table 2.	Groundwater Analytical Results
Figure 1.	Site Location
Figure 2.	Site Map with Soil Boring and MIP Locations
Figure 3.	Total VOC Concentrations in Soil (µg/kg) and Concentration Contours in the 5-10 ft bgs Interval
Attachment 1	Petrophysical Data
Attachment 2	Soil Boring Logs
Attachment 3	Membrane Interface Probe Logs
Attachment 4	Analytical Reports

Copies:

Mark Wilkins -	North Carolina Department of Environment and Natural Resources, Hazardous Waste Section
Mike Dever	Ashland Inc., Dublin, Ohio

ARCADIS

TABLES

Table 1. Soil Analytical Results, November 2010, Former Chemsolv Facility, Greensboro, North Carolina

Sample ID/Location:	Soil-to-Groundwater MSCC[a]	Regional Screening Levels[c] Industrial Properties	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-26	SB-26	SB-26	SB-26	SB-26	SB-26
Sample Depth (ft bgs):			6	12	19	28.5	35.5	47	53	9	20	29	36	46	55
Date of Collection:			11/29/2010	11/29/2010	11/29/2010	11/29/2010	11/29/2010	11/29/2010	11/29/2010	11/23/2010	11/23/2010	11/23/2010	11/23/2010	11/23/2010	11/24/2010
VOCs (USEPA Method 8260B) µg/kg															
1,1,1-Trichloroethane	1,600	640,000	< 6.1	< 5.5	< 220	< 260	< 270	< 2400	< 180	< 7.1	< 300	< 290	< 540	< 270	< 240
1,1-Dichloroethane	32	780,000	< 6.1	**10**	**270**	**440**	**920**	< 2400	< 180	< 7.1	< 300	< 290	< 540	< 270	< 240
1,1-Dichloroethene	45	110,000	< 6.1	**5.6**	**480**	**910**	**1,200**	< 2400	< 180	**15**	**3,200**	**900**	< 540	**3,900**	**1,600**
1,2-Dichlorobenzene	230	380,000	< 6.1	< 5.5	**240**	**390**	**1,100**	< 2400	**290**	< 7.1	**1,300**	**1,800**	**2,400**	**670**	< 240
2-Butanone (methyl ethyl ketone)	16,000	20,000,000	< 31	< 28	< 1100	< 1300	**9,300**	**32,000**	**11,000**	< 36	< 1500	< 1400	< 2700	< 1300	< 1200
4-Methyl-2-Pentanone	450[d]	3,400,000	< 31	< 28	< 1100	< 1300	< 1400	< 12000	**1,400**	< 36	< 1500	< 1400	< 2700	< 1300	< 1200
Acetone	24,000	63,000,000	< 61	< 55	< 2200	< 2600	**28,000**	**96,000**	**31,000**	< 71	< 3000	< 2900	< 5400	< 2700	< 2400
Benzene	5.6	5,400	< 6.1	< 5.5	< 220	< 260	< 270	< 2400	< 180	< 7.1	**920**	**330**	< 540	**830**	**1,500**
Chlorobenzene	68[d]	140,000	< 6.1	< 5.5	< 220	< 260	< 270	< 2400	< 180	< 7.1	< 300	< 290	< 540	< 270	< 240
cis-1,2-Dichloroethene	350	200,000	< 6.1	**48**	**1,400**	**1,800**	**3,200**	< 2400	**400**	< 7.1	**660**	< 290	< 540	< 270	< 240
Methylene chloride	20	53,000	< 6.1	< 5.5	< 220	< 260	< 270	< 2400	< 180	< 7.1	< 300	< 290	< 540	< 270	< 240
Ethylbenzene	4,900	27,000	< 6.1	< 5.5	< 220	< 260	**450**	< 2400	< 180	< 7.1	< 300	< 290	< 540	< 270	< 240
Tetrachloroethene	7.4	2,600	< 6.1	**7.4**	< 220	**750**	**720**	< 2400	< 180	**12**	**1,500**	**1,700**	**1,700**	**2,200**	**2,100**
Toluene	4,300	4,500,000	< 6.1	< 5.5	< 220	< 260	< 270	**6,300**	**1,400**	< 7.1	< 300	< 290	< 540	< 270	< 240
Total Xylenes	4,600	270,000	< 12	< 11	< 450	< 530	**2,000**	< 4800	**410**	< 14	**1,100**	**1,700**	**2,500**	**1,600**	< 490
Trichloroethene	19	14,000	< 6.1	< 5.5	< 220	< 260	**440**	< 2400	**270**	< 7.1	**810**	**1,000**	**790**	**460**	**890**
SVOCs (USEPA Method 8270D) µg/kg															
1,2,4-Trichlorobenzene	2,600	27,000	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	580[d]	380,000	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	99	12,000	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	0.14[d]	17,000	--	--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	640	1,200,000	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	1,500[d]	3,100,000	--	--	--	--	--	--	--	--	--	--	--	--	--
3,5,5-Trimethyl-2-Cyclohexene-1-One	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
3 & 4-Methylphenol[e]	150[d]	310,000	--	--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	1,400[d]	120,000	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl Phthalate	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butyl Phthalate	9,200[d]	6,200,000	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate	NA	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophrone			--	--	--	--	--	--	--	--	--	--	--	--	--
VPH (µg/kg)															
C5-C8 Aliphatic Hydrocarbons	68,000	24,528,000	--	--	--	--	--	--	--	--	--	--	--	--	--
C9-C12 Aliphatic Hydrocarbons	NA		--	--	--	--	--	--	--	--	--	--	--	--	--
C9-C10 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	--	--	--	--	--	--	--	--	--	--	--	--	--
EPH (µg/kg)															
C9-C18 Aliphatic Hydrocarbons	540,000	40,000,000	--	--	--	--	--	--	--	--	--	--	--	--	--
C19-C36 Aliphatic Hydrocarbons	NA	810,000,000	--	--	--	--	--	--	--	--	--	--	--	--	--
C11-C22 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MSCC	Maximum Soil Contaminant Concentration
VOCs	Volatile Organic Compounds
SVOCs	Semi-Volatile Organic Compounds
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
ft bgs	Feet below ground surface
--	Constituent not analyzed
NA	MSCC not available for this constituent
µg/kg	micrograms per kilogram
a	Soil clean-up levels determined neceessary by the North Carolina Department of Environment and Natural Resources to protect groundwater from the leaching of constituents from soil.
b	Screening level applies to C9-C22 Aromatic Hydrocarbons; the sum of the C9-C11 aromatic and the C11-C22 aromatic hydrocarbons
c	Residential and industrial Regional Screening Levels (USEPA 2010). Screening levels based on non-cancer effects were adjusted by a factor of 10.
d	Risk-based soil screening levels for the protection of groundwater were from USEPA (2010), based on the MCL, if available.
e	4-Methylphenol used as a surrogate for the mixture.

Table 1. Soil Analytical Results, November 2010, Former Chemsolv Facility, Greensboro, North Carolina

Sample ID/Location:	Soil-to-Groundwater MSCC[a]	Regional Screening Levels[c] Industrial Properties	SB-27	SB-27	SB-27	SB-27	SB-27	SB-28	SB-28	SB-28	SB-28	SB-28	SB-28	SB-28	SB-28
Sample Depth (ft bgs):			6	10.5	14	16	18	6	12	15	25	39	46	50	59
Date of Collection:			11/22/2010	11/22/2010	11/22/2010	11/22/2010	11/22/2010	12/1/2010	12/1/2010	12/1/2010	12/1/2010	12/1/2010	12/1/2010	12/1/2010	12/1/2010
VOCs (USEPA Method 8260B) µg/kg															
1,1,1-Trichloroethane	1,600	640,000	**280**	< 4300	**270,000**	**190,000**	**20,000**	< 640	**1,500**	< 140	**630**	**5,200**	**4,600**	**3,100**	< 280
1,1-Dichloroethane	32	780,000	< 220	< 4300	< 160000	< 80000	< 8400	< 640	< 520	< 140	< 200	< 2600	< 2200	< 2400	< 280
1,1-Dichloroethene	45	110,000	**590**	< 4300	< 160000	< 80000	< 8400	**1,100**	< 520	< 140	< 200	< 2600	**2,800**	< 2400	< 280
1,2-Dichlorobenzene	230	380,000	< 220	<4300	<160000	**97,000**	<8400	< 640	**5,900**	**1,200**	**400**	< 2600	< 2200	< 2400	< 280
2-Butanone (methyl ethyl ketone)	16,000	20,000,000	**1,300**	< 21000	< 810000	< 400000	< 42000	< 3200	< 2600	< 680	< 990	< 13000	< 11000	< 12000	**7,300**
4-Methyl-2-Pentanone	450[d]	3,400,000	< 1100	< 21000	< 810000	< 400000	< 42000	< 3200	< 2600	< 680	< 990	< 13000	< 11000	< 12000	< 1400
Acetone	24,000	63,000,000	**13,000**	< 43000	< 1600000	< 800000	< 84000	**22,000**	< 5200	< 1400	< 2000	< 26000	< 22000	< 24000	**22,000**
Benzene	5.6	5,400	310	< 4300	< 160000	< 80000	< 8400	< 640	< 520	< 140	< 200	< 2600	< 2200	< 2400	< 280
Chlorobenzene	68[d]	140,000	< 220	< 4300	< 160000	< 80000	< 8400	< 640	< 520	< 140	< 200	< 2600	< 2200	< 2400	< 280
cis-1,2-Dichloroethene	350	200,000	< 220	< 4300	< 160000	< 80000	< 8400	< 640	< 520	< 140	**200**	< 2600	< 2200	< 2400	< 280
Methylene chloride	20	53,000	**1,300**	< 4300	< 160000	< 80000	< 8400	**2,800**	< 520	< 140	< 200	< 2600	< 2200	**6,400**	< 280
Ethylbenzene	4,900	27,000	**490**	**8,400**	**280,000**	**130,000**	**11,000**	< 640	**3200**	**390**	**350**	< 2600	< 2200	< 2400	< 280
Tetrachloroethene	7.4	2,600	**1,100**	**14,000**	**220,000**	**130,000**	**12,000**	**6,000**	**7,900**	**570**	**1,000**	**5,200**	< 2200	< 2400	< 280
Toluene	4,300	4,500,000	**8,000**	**60,000**	**1,900,000**	**870,000**	**78,000**	**15,000**	**12,000**	**1,300**	**6,100**	**23,000**	**30,000**	**39,000**	< 280
Total Xylenes	4,600	270,000	**2,500**	**42,000**	**1,300,000**	**560,000**	**47,000**	**2600**	**18,000**	**2,300**	**2,000**	**5,800**	**4,700**	**4,900**	< 550
Trichloroethene	19	14,000	< 220	< 4300	< 160000	< 80000	< 8400	< 640	< 520	< 140	< 200	< 2600	< 2200	< 2400	< 280
SVOCs (USEPA Method 8270D) µg/kg															
1,2,4-Trichlorobenzene	2,600	27,000	< 490	< 530	**9,300**	**9,200**	< 560	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	580[d]	380,000	<490	**1,400**	**46,000**	**41,000**	**4,900**	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NA	NA	< 490	< 530	< 2700	< 2700	< 560	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	99	12,000	< 490	< 530	**6,000**	**4,900**	< 560	--	--	--	--	--	--	--	--
1,4-Dioxane	0.14[d]	17,000	1,500	< 530	< 2700	< 2700	< 560	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	640	1,200,000	< 490	< 530	< 2700	< 2700	< 560	--	--	--	--	--	--	--	--
2-Methylphenol	1,500[d]	3,100,000	< 490	< 530	< 2700	< 2700	< 560	--	--	--	--	--	--	--	--
3,5,5-Trimethyl-2-Cyclohexene-1-One	NA	NA	**8,200**	< 530	< 2700	< 2700	< 560	--	--	--	--	--	--	--	--
3 & 4-Methylphenol	150[d]	310,000	< 490	< 530	< 2700	< 2700	< 560	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	1,400[d]	120,000	< 490	< 530	**13,000**	**12,000**	< 560	--	--	--	--	--	--	--	--
Dimethyl Phthalate	NA	NA	< 490	**1,000**	**5,100**	**3,300**	**680**	--	--	--	--	--	--	--	--
Di-N-Butyl Phthalate	9,200[d]	6,200,000	< 490	< 530	< 2700	< 2700	< 560	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate	NA	NA	< 490	< 530	< 2700	< 2700	< 560	--	--	--	--	--	--	--	--
Isophrone			**8200**	<530	<2700	<2700	<560	--	--	--	--	--	--	--	--
VPH (µg/kg)															
C5-C8 Aliphatic Hydrocarbons	68,000	24,528,000	--	--	--	--	--	--	--	--	--	--	--	--	--
C9-C12 Aliphatic Hydrocarbons	NA		--	--	--	--	--	--	--	--	--	--	--	--	--
C9-C10 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	--	--	--	--	--	--	--	--	--	--	--	--	--
EPH (µg/kg)															
C9-C18 Aliphatic Hydrocarbons	540,000	40,000,000	--	--	--	--	--	--	--	--	--	--	--	--	--
C19-C36 Aliphatic Hydrocarbons	NA	810,000,000	--	--	--	--	--	--	--	--	--	--	--	--	--
C11-C22 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MSCC	Maximum Soil Contaminant Concentration
VOCs	Volatile Organic Compounds
SVOCs	Semi-Volatile Organic Compounds
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
ft bgs	Feet below ground surface
--	Constituent not analyzed
NA	MSCC not available for this constituent
µg/kg	micrograms per kilogram
a	Soil clean-up levels determined neceessary by the North Carolina Department of Environment and Natural Resources to protect groundwater from the leaching of constituents from soil.
b	Screening level applies to C9-C22 Aromatic Hydrocarbons; the sum of the C9-C11 aromatic and the C11-C22 aromatic hydrocarbons
c	Residential and industrial Regional Screening Levels (USEPA 2010). Screening levels based on non-cancer effects were adjusted by a factor of 10.
d	Risk-based soil screening levels for the protection of groundwater were from USEPA (2010), based on the MCL, if available.
e	4-Methylphenol used as a surrogate for the mixture.

Table 1. Soil Analytical Results, November 2010, Former Chemsolv Facility, Greensboro, North Carolina

Sample ID/Location:	Soil-to-Groundwater MSCC[a]	Regional Screening Levels[c] Industrial Properties	SB-36	SB-36	SB-36	SB-36	SB-36	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37	SB-37
Sample Depth (ft bgs):			7	11	15	26	37	5	10	15	24	31	40	52	58.5
Date of Collection:			11/24/2010	11/24/2010	11/24/2010	11/24/2010	11/24/2010	11/29/2010	11/29/2010	11/29/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010
VOCs (USEPA Method 8260B) µg/kg															
1,1,1-Trichloroethane	1,600	640,000	< 7.3	< 250	< 250	< 2300	< 1100	< 240	**5,900**	**7,700**	**3,100**	**1,500**	**1,000**	< 2400	< 2300
1,1-Dichloroethane	32	780,000	**22**	< 250	< 250	< 2300	< 1100	< 240	< 5900	< 2600	< 1100	< 580	< 650	< 2400	< 2300
1,1-Dichloroethene	45	110,000	**13**	< 250	**330**	< 2300	< 1100	< 240	< 5900	< 2600	**1,500**	**1,200**	< 650	**2,800**	**6,200**
1,2-Dichlorobenzene	230	380,000	< 7.3	< 250	< 250	< 2300	< 1100	< 240	**690**	**6,700**	**1,700**	**1,600**	**3,500**	< 2400	< 2300
2-Butanone (methyl ethyl ketone)	16,000	20,000,000	< 36	< 1300	< 1200	< 11000	< 5300	**6,300**	< 30000	< 13000	< 5600	< 2900	< 3200	< 12000	< 12000
4-Methyl-2-Pentanone	450[d]	3,400,000	< 36	< 1300	< 1200	< 11000	< 5300	< 1200	< 30000	< 13000	< 5600	< 2900	< 3200	< 12000	< 12000
Acetone	24,000	63,000,000	< 73	< 2500	**3,300**	**24,000**	**18,000**	**2,700**	< 59000	< 26000	< 11000	< 5800	< 6500	< 24000	< 23000
Benzene	5.6	5,400	< 7.3	< 250	< 250	< 2300	< 1100	< 240	< 5900	< 2600	< 1100	< 580	< 650	< 2400	< 2300
Chlorobenzene	68[d]	140,000	< 7.3	< 250	**260**	< 2300	< 1100	< 240	< 5900	< 2600	< 1100	< 580	< 650	< 2400	< 2300
cis-1,2-Dichloroethene	350	200,000	**110**	**420**	**1,300**	**2,700**	< 1100	< 240	< 5900	< 2600	< 1100	**630**	< 650	< 2400	< 2300
Methylene chloride	20	53,000	< 7.3	< 250	< 250	< 2300	**9,900**	**620**	< 5900	< 2600	< 1100	< 580	< 650	**14,000**	**21,000**
Ethylbenzene	4,900	27,000	< 7.3	< 250	< 250	< 2300	< 1100	**300**	**17,000**	**17000**	**2,000**	**1,700**	**3,200**	< 2400	< 2300
Tetrachloroethene	7.4	2,600	**20**	< 250	< 250	< 2300	**5,500**	< 240	**12,000**	**18,000**	**5,100**	**4,800**	**7,100**	**2,400**	**2,700**
Toluene	4,300	4,500,000	< 7.3	< 250	**3,400**	**13,000**	**11,000**	**7,000**	**130,000**	**45,000**	**15,000**	**11,000**	**12,000**	**32,000**	**43,000**
Total Xylenes	4,600	270,000	< 15	< 500	**760**	< 4600	< 2100	**1,900**	**83,000**	**71,000**	**9,600**	**7,300**	**17,000**	**7,800**	**9,400**
Trichloroethene	19	14,000	**8.9**	< 250	< 250	< 2300	< 1100	< 240	< 5900	< 2600	< 1100	< 580	**660**	< 2400	< 2300
SVOCs (USEPA Method 8270D) µg/kg															
1,2,4-Trichlorobenzene	2,600	27,000	--	--	--	--	--	--	< 450	--	--	--	--	--	--
1,2-Dichlorobenzene	580[d]	380,000	--	--	--	--	--	--	**690**	--	--	--	--	--	--
1,3-Dichlorobenzene	NA	NA	--	--	--	--	--	--	< 450	--	--	--	--	--	--
1,4-Dichlorobenzene	99	12,000	--	--	--	--	--	--	< 450	--	--	--	--	--	--
1,4-Dioxane	0.14[d]	17,000	--	--	--	--	--	--	< 450	--	--	--	--	--	--
2,4-Dimethylphenol	640	1,200,000	--	--	--	--	--	--	< 450	--	--	--	--	--	--
2-Methylphenol	1,500[d]	3,100,000	--	--	--	--	--	--	< 450	--	--	--	--	--	--
3,5,5-Trimethyl-2-Cyclohexene-1-One	NA	NA	--	--	--	--	--	--	< 450	--	--	--	--	--	--
3 & 4-Methylphenol	150[d]	310,000	--	--	--	--	--	--	< 450	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	1,400[d]	120,000	--	--	--	--	--	--	**630**	--	--	--	--	--	--
Dimethyl Phthalate	NA	NA	--	--	--	--	--	--	< 450	--	--	--	--	--	--
Di-N-Butyl Phthalate	9,200[d]	6,200,000	--	--	--	--	--	--	**910**	--	--	--	--	--	--
Di-n-Octyl Phthalate	NA	NA	--	--	--	--	--	--	**650**	--	--	--	--	--	--
Isophrone			--	--	--	--	--	--	<450	--	--	--	--	--	--
VPH (µg/kg)															
C5-C8 Aliphatic Hydrocarbons	68,000	24,528,000	--	--	--	--	--	--	**420**	--	--	--	--	--	--
C9-C12 Aliphatic Hydrocarbons	NA		--	--	--	--	--	--	**460**	--	--	--	--	--	--
C9-C10 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	--	--	--	--	--	--	**100**	--	--	--	--	--	--
EPH (µg/kg)															
C9-C18 Aliphatic Hydrocarbons	540,000	40,000,000	--	--	--	--	--	--	**17**	--	--	--	--	--	--
C19-C36 Aliphatic Hydrocarbons	NA	810,000,000	--	--	--	--	--	--	**18**	--	--	--	--	--	--
C11-C22 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	--	--	--	--	--	--	**17**	--	--	--	--	--	--

Notes:

MSCC	Maximum Soil Contaminant Concentration
VOCs	Volatile Organic Compounds
SVOCs	Semi-Volatile Organic Compounds
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
ft bgs	Feet below ground surface
--	Constituent not analyzed
NA	MSCC not available for this constituent
µg/kg	micrograms per kilogram
a	Soil clean-up levels determined neceessary by the North Carolina Department of Environment and Natural Resources to protect groundwater from the leaching of constituents from soil.
b	Screening level applies to C9-C22 Aromatic Hydrocarbons; the sum of the C9-C11 aromatic and the C11-C22 aromatic hydrocarbons
c	Residential and industrial Regional Screening Levels (USEPA 2010). Screening levels based on non-cancer effects were adjusted by a factor of 10.
d	Risk-based soil screening levels for the protection of groundwater were from USEPA (2010), based on the MCL, if available.
e	4-Methylphenol used as a surrogate for the mixture.

Table 1. Soil Analytical Results, November 2010, Former Chemsolv Facility, Greensboro, North Carolina

Sample ID/Location:	Soil-to-Groundwater MSCC[a]	Regional Screening Levels[c] Industrial Properties	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38	SB-38
Sample Depth (ft bgs):			6	10	12	14	20	27	40	50	58	60	72
Date of Collection:			11/30/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010	11/30/2010
VOCs (USEPA Method 8260B) µg/kg													
1,1,1-Trichloroethane	1,600	640,000	**390**	**10,000**	**33,000**	**12,000**	**8,400**	**3,600**	< 2600	< 6300	< 2500	< 2000	< 200
1,1-Dichloroethane	32	780,000	< 250	< 2500	< 6200	< 2500	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
1,1-Dichloroethene	45	110,000	< 250	< 2500	< 6200	< 2500	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
1,2-Dichlorobenzene	230	380,000	< 250	**12,000**	**52,000**	**5,000**	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
2-Butanone (methyl ethyl ketone)	16,000	20,000,000	< 1300	< 13000	< 31000	< 13000	< 14000	< 11000	< 13000	< 32000	< 13000	< 10000	< 990
4-Methyl-2-Pentanone	450[d]	3,400,000	< 1300	< 13000	< 31000	< 13000	< 14000	< 11000	< 13000	< 32000	< 13000	< 10000	< 990
Acetone	24,000	63,000,000	< 2500	< 25000	< 62000	< 25000	< 27000	< 23000	< 26000	< 63000	< 25000	< 20000	< 2000
Benzene	5.6	5,400	< 250	< 2500	< 6200	< 2500	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
Chlorobenzene	68[d]	140,000	< 250	< 2500	< 6200	< 2500	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
cis-1,2-Dichloroethene	350	200,000	< 250	< 2500	< 6200	< 2500	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
Methylene chloride	20	53,000	< 250	< 2500	< 6200	< 2500	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
Ethylbenzene	4,900	27,000	< 250	< 2500	**13,000**	< 2500	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
Tetrachloroethene	7.4	2,600	**820**	**51,000**	**75,000**	**5,300**	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	**800**
Toluene	4,300	4,500,000	< 250	**16,000**	**120,000**	**34,000**	**28,000**	**25,000**	**28,000**	**47,000**	**29,000**	**15,000**	< 200
Total Xylenes	4,600	270,000	< 510	**12,000**	**66,000**	**7,300**	< 5400	< 4600	< 5300	< 13000	< 5000	< 4000	< 400
Trichloroethene	19	14,000	**440**	**3,500**	< 6200	< 2500	< 2700	< 2300	< 2600	< 6300	< 2500	< 2000	< 200
SVOCs (USEPA Method 8270D) µg/kg													
1,2,4-Trichlorobenzene	2,600	27,000	--	--	--	--	--	--	--	--	--	--	--
	580[d]	380,000	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NA	NA	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	99	12,000	--	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	0.14[d]	17,000	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	640	1,200,000	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	1,500[d]	3,100,000	--	--	--	--	--	--	--	--	--	--	--
3,5,5-Trimethyl-2-Cyclohexene-1-One	NA	NA	--	--	--	--	--	--	--	--	--	--	--
3 & 4-Methylphenol	150[d]	310,000	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate	1,400[d]	120,000	--	--	--	--	--	--	--	--	--	--	--
Dimethyl Phthalate	NA	NA	--	--	--	--	--	--	--	--	--	--	--
Di-N-Butyl Phthalate	9,200[d]	6,200,000	--	--	--	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate	NA	NA	--	--	--	--	--	--	--	--	--	--	--
Isophrone			--	--	--	--	--	--	--	--	--	--	--
VPH (µg/kg)													
C5-C8 Aliphatic Hydrocarbons	68,000	24,528,000	--	--	--	--	--	--	--	--	--	--	--
C9-C12 Aliphatic Hydrocarbons	NA		--	--	--	--	--	--	--	--	--	--	--
C9-C10 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	--	--	--	--	--	--	--	--	--	--	--
EPH (µg/kg)													
C9-C18 Aliphatic Hydrocarbons	540,000	40,000,000	--	--	--	--	--	--	--	--	--	--	--
C19-C36 Aliphatic Hydrocarbons	NA	810,000,000	--	--	--	--	--	--	--	--	--	--	--
C11-C22 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	--	--	--	--	--	--	--	--	--	--	--

Notes:

MSCC	Maximum Soil Contaminant Concentration
VOCs	Volatile Organic Compounds
SVOCs	Semi-Volatile Organic Compounds
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
ft bgs	Feet below ground surface
--	Constituent not analyzed
NA	MSCC not available for this constituent
µg/kg	micrograms per kilogram
a	Soil clean-up levels determined neceessary by the North Carolina Department of Environment and Natural Resources to protect groundwater from the leaching of constituents from soil.
b	Screening level applies to C9-C22 Aromatic Hydrocarbons; the sum of the C9-C11 aromatic and the C11-C22 aromatic hydrocarbons
c	Residential and industrial Regional Screening Levels (USEPA 2010). Screening levels based on non-cancer effects were adjusted by a factor of 10.
d	Risk-based soil screening levels for the protection of groundwater were from USEPA (2010), based on the MCL, if available.
e	4-Methylphenol used as a surrogate for the mixture.

Table 1. Soil Analytical Results, November 2010, Former Chemsolv Facility, Greensboro, North Carolina

Sample ID/Location:	Soil-to-Groundwater MSCC[a]	Regional Screening Levels[c] Industrial Properties	SB-45	SB-45	SB-45	SB-45	SB-45	SB-45
Sample Depth (ft bgs):			7	10	17	24	27	37
Date of Collection:			11/23/2010	11/23/2010	11/23/2010	11/23/2010	11/23/2010	11/23/2010
VOCs (USEPA Method 8260B) µg/kg								
1,1,1-Trichloroethane	1,600	640,000	**31,000**	**13,000**	**12,000**	< 3300	< 3800	< 2700
1,1-Dichloroethane	32	780,000	< 12000	< 3200	< 3200	< 3300	< 3800	< 2700
1,1-Dichloroethene	45	110,000	< 12000	**3,300**	**3,400**	**3,900**	**7,600**	< 2700
1,2-Dichlorobenzene	230	380,000	<12000	<3200	**9,000**	<3300	<3800	<2700
2-Butanone (methyl ethyl ketone)	16,000	20,000,000	< 58000	< 16000	< 16000	< 16000	< 19000	< 13000
4-Methyl-2-Pentanone	450[d]	3,400,000	< 58000	< 16000	< 16000	< 16000	< 19000	< 13000
Acetone	24,000	63,000,000	< 120000	< 32000	< 32000	< 33000	< 38000	< 27000
Benzene	5.6	5,400	< 12000	< 3200	< 3200	< 3300	< 3800	< 2700
Chlorobenzene	68[d]	140,000	< 12000	< 3200	< 3200	< 3300	< 3800	< 2700
cis-1,2-Dichloroethene	350	200,000	< 12000	**5,300**	**6,000**	**3,800**	< 3800	< 2700
Methylene chloride	20	53,000	< 12000	< 3200	< 3200	< 3300	**5,200**	**5,300**
Ethylbenzene	4,900	27,000	**35,000**	< 3200	**13,000**	< 3300	< 3800	< 2700
Tetrachloroethene	7.4	2,600	**95,000**	**13,000**	**25,000**	< 3300	< 3800	< 2700
Toluene	4,300	4,500,000	**190,000**	**36,000**	**110,000**	**54,000**	**88,000**	**43,000**
Total Xylenes	4,600	270,000	**170,000**	**14,000**	**59,000**	**14,000**	**11,000**	< 5300
Trichloroethene	19	14,000	**130,000**	**64,000**	**6,400**	< 3300	< 3800	< 2700
SVOCs (USEPA Method 8270D) µg/kg								
1,2,4-Trichlorobenzene	2,600	27,000	**7,400**	< 520	**2,100**	< 540	< 540	< 480
	580[d]	380,000	<430	<520	**11,000**	**640**	<540	< 480
1,3-Dichlorobenzene	NA	NA	< 430	< 520	< 1100	< 540	< 540	< 480
1,4-Dichlorobenzene	99	12,000	< 430	< 520	**1,300**	< 540	< 540	< 480
1,4-Dioxane	0.14[d]	17,000	< 430	< 520	< 1100	< 540	< 540	< 480
2,4-Dimethylphenol	640	1,200,000	**650**	< 520	< 1100	< 540	< 540	< 480
2-Methylphenol	1,500[d]	3,100,000	**1,700**	**920**	< 1100	**1,100**	< 540	< 480
3,5,5-Trimethyl-2-Cyclohexene-1-One	NA	NA	< 430	< 520	< 1100	< 540	< 540	< 480
3 & 4-Methylphenol	150[d]	310,000	**1,500**	**850**	< 1100	**940**	< 540	< 480
Bis(2-Ethylhexyl)phthalate	1,400[d]	120,000	< 430	< 520	**1,900**	< 540	< 540	< 480
Dimethyl Phthalate	NA	NA	< 430	< 520	< 1100	< 540	< 540	**530**
Di-N-Butyl Phthalate	9,200[d]	6,200,000	< 430	< 520	< 1100	< 540	< 540	< 480
Di-n-Octyl Phthalate	NA	NA	< 430	< 520	< 1100	< 540	< 540	< 480
Isophrone			<430	<520	<1100	<540	<540	<480
VPH (µg/kg)								
C5-C8 Aliphatic Hydrocarbons	68,000	24,528,000	**460**	**67**	**120**	**97**	**120**	**74**
C9-C12 Aliphatic Hydrocarbons	NA		**290**	**27**	**59**	< 46	**23**	**9.6**
C9-C10 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	**370**	**10**	**16**	**57**	**8.8**	**2.3**
EPH (µg/kg)								
C9-C18 Aliphatic Hydrocarbons	540,000	40,000,000	**71**	< 2.5	**3.3**	< 2.7	< 2.6	< 2.3
C19-C36 Aliphatic Hydrocarbons	NA	810,000,000	< 2.1	< 2.5	**12**	< 2.7	< 2.6	< 2.3
C11-C22 Aromatic Hydrocarbons	31,000[b]	12,264,000[b]	**6.5**	< 2.5	**15**	< 2.7	< 2.6	< 2.3

Notes:

MSCC	Maximum Soil Contaminant Concentration
VOCs	Volatile Organic Compounds
SVOCs	Semi-Volatile Organic Compounds
EPH	Extractable Petroleum Hydrocarbons
VPH	Volatile Petroleum Hydrocarbons
ft bgs	Feet below ground surface
--	Constituent not analyzed
NA	MSCC not available for this constituent
µg/kg	micrograms per kilogram
a	Soil clean-up levels determined neceessary by the North Carolina Department of Environment and Natural Resources to protect groundwater from the leaching of constituents from soil.
b	Screening level applies to C9-C22 Aromatic Hydrocarbons; the sum of the C9-C11 aromatic and the C11-C22 aromatic hydrocarbons
c	Residential and industrial Regional Screening Levels (USEPA 2010). Screening levels based on non-cancer effects were adjusted by a factor of 10.
d	Risk-based soil screening levels for the protection of groundwater were from USEPA (2010), based on the MCL, if available.
e	4-Methylphenol used as a surrogate for the mixture.

Table 2. Groundwater Analytical Results, November 2010, Former Chemsolv Facility, Greensboro, North Carolina

Sample ID/Location:	**NCAC 2L**	**SB-25**	**SB-26**	**SB-26**	**SB-26**	**SB-27**	**SB-27**	**SB-28**	**SB-45**	**SB-45**
Sample Depth Interval (ft):	**Groundwater**	38.0 - 42.0	12.0 - 16.0	36.0 - 40.0	56.0 - 60.0	44.0 - 48.0	18.0 - 22.0	60.0 - 64.0	18.0 - 22.0	37.0 - 40.0
Sample Date:	**Standards[a]**	11/29/2010	11/23/2010	11/23/2010	11/24/2010	11/22/2010	11/22/2010	12/1/2010	11/23/2010	11/23/2010
VOCs (USEPA Method 8260B) µg/L										
1,1,1-Trichloroethane	200	< 1000	**110**	< 50	< 20	**1,600**	**12,000**	< 500	**13,000**	**1,400**
1,1,2-Trichloroethane	NA	< 1000	**53**	< 50	**28**	< 1000	< 1000	< 500	< 1000	< 1000
1,1-Dichloroethane	6	**1,800**	**210**	**260**	**46**	< 1000	< 1000	**690**	**1,300**	< 1000
1,1-Dichloroethene	7	**2,900**	**1,900**	**3,800**	**1,400**	**9,700**	**8,300**	**3,600**	**9,500**	**11,000**
1,2-Dichlorobenzene	20	< 1000	**150**	**680**	**78**	< 1000	< 1000	< 500	**3,400**	< 1000
1,2-Dichloroethane	0.4	< 1000	< 20	< 50	**50**	< 1000	< 1000	< 500	< 1000	< 1000
2-Butanone	4000	**69,000**	< 200	< 500	< 200	**14,000**	< 10000	**27,000**	< 10000	< 10000
4-Methyl-2-Pentanone	NA	< 10000	< 200	< 500	< 200	< 10000	< 10000	< 5000	< 10000	< 10000
Acetone	6000	**190,000**	< 500	< 1200	< 500	< 25000	< 25000	**80,000**	< 25000	< 25000
Benzene	1	< 1000	**530**	**1,100**	**2,100**	**2,500**	< 1000	**2,700**	< 1000	< 1000
Chloroform	70	< 1000	**120**	**240**	**140**	< 1000	< 1000	< 500	< 1000	< 1000
cis-1,2-Dichloroethene	70	**8,500**	**1,200**	**240**	**70**	< 1000	< 1000	< 500	**12,000**	**1,600**
Ethylbenzene	600	< 1000	**98**	< 50	< 20	**1,900**	**3,500**	< 500	**9,000**	**1,700**
Methylene chloride	5	< 5000	< 100	< 250	< 100	**64,000**	< 5000	**21,000**	< 5000	**12,000**
Tetrachloroethene	0.7	< 1000	**470**	**1,300**	**1,400**	**1,400**	**2,400**	< 500	**13,000**	**2,500**
Toluene	600	**11,000**	**1,200**	**51**	**39**	**49,000**	**69,000**	**53,000**	**120,000**	**51,000**
Trichloroethene	3	< 1000	**420**	**910**	**770**	< 1000	< 1000	< 500	**9,000**	**1,800**
Xylenes (Total)	500	**2,000**	**420**	**1,300**	**260**	**7,600**	**14,000**	**1,600**	**37,000**	**6,400**

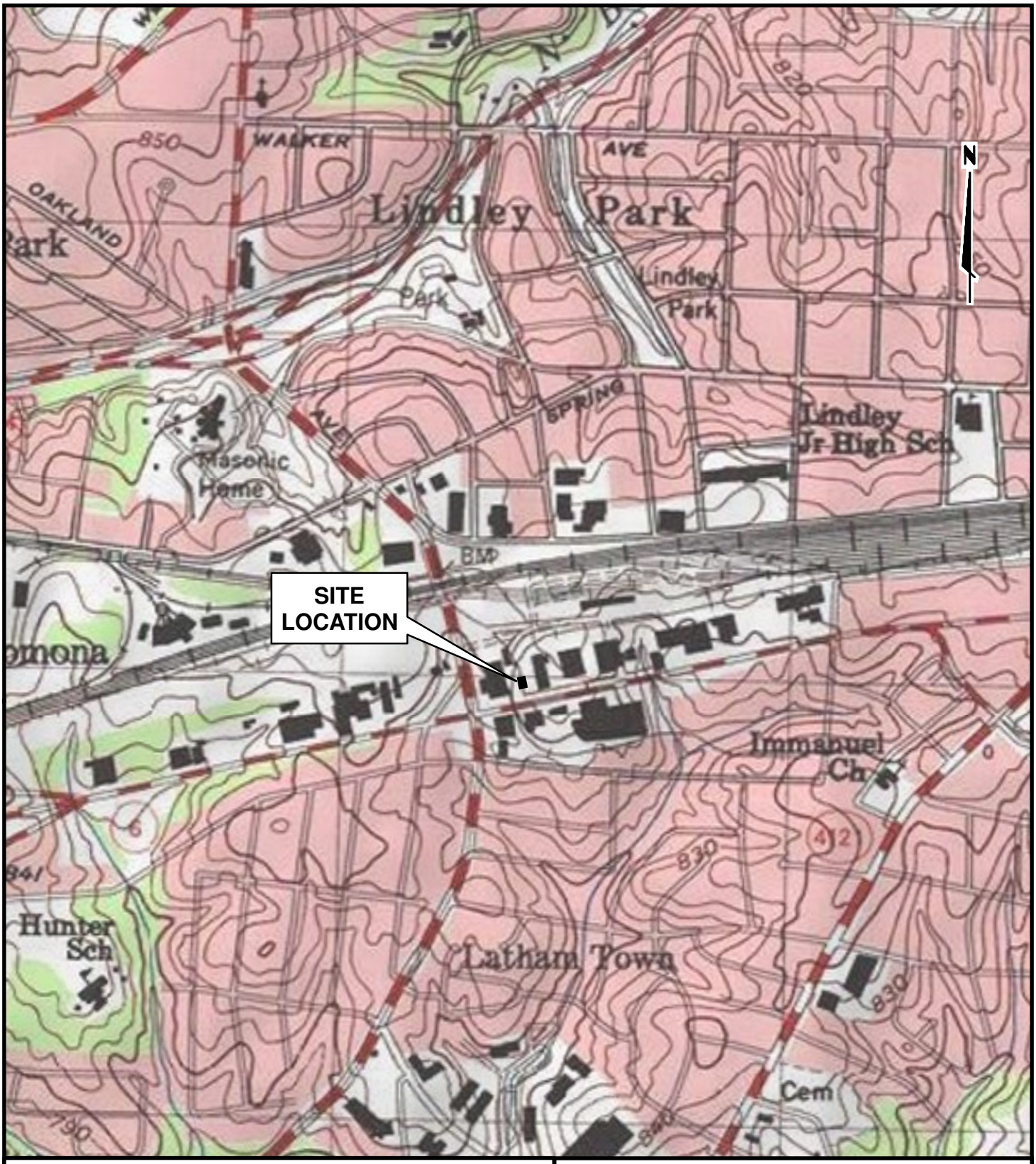
a Maximum allowable concentrations resulting from any discharge of constituents to the land or waters of the state, which may be tolerated without creating a threat to human health or which would otherwise render the groundwater unsuitable for its intended best usage.

NA NCAC 2L Standard not available for this constituent.

µg/L micrograms per liter

ARCADIS

Figures



0 500 1,000 2,000

Scale in Feet

County Location

Source: ArcGIS Online Services Hosted by ESRI.
USGS 7.5 Minute Greensboro, North Carolina
Topographic Quadrangle.

FORMER CHEMSOLV FACILITY
2804 PATTERSON STREET
GREENSBORO, NORTH CAROLINA

SITE INVESTIGATION

SITE LOCATION

ARCADIS

FIGURE

1

CITY: Augusta, GA DIV/GROUP: ENV DB: A. Saul LD: PIC: PM:D. Malone TM: M. Webb TR:
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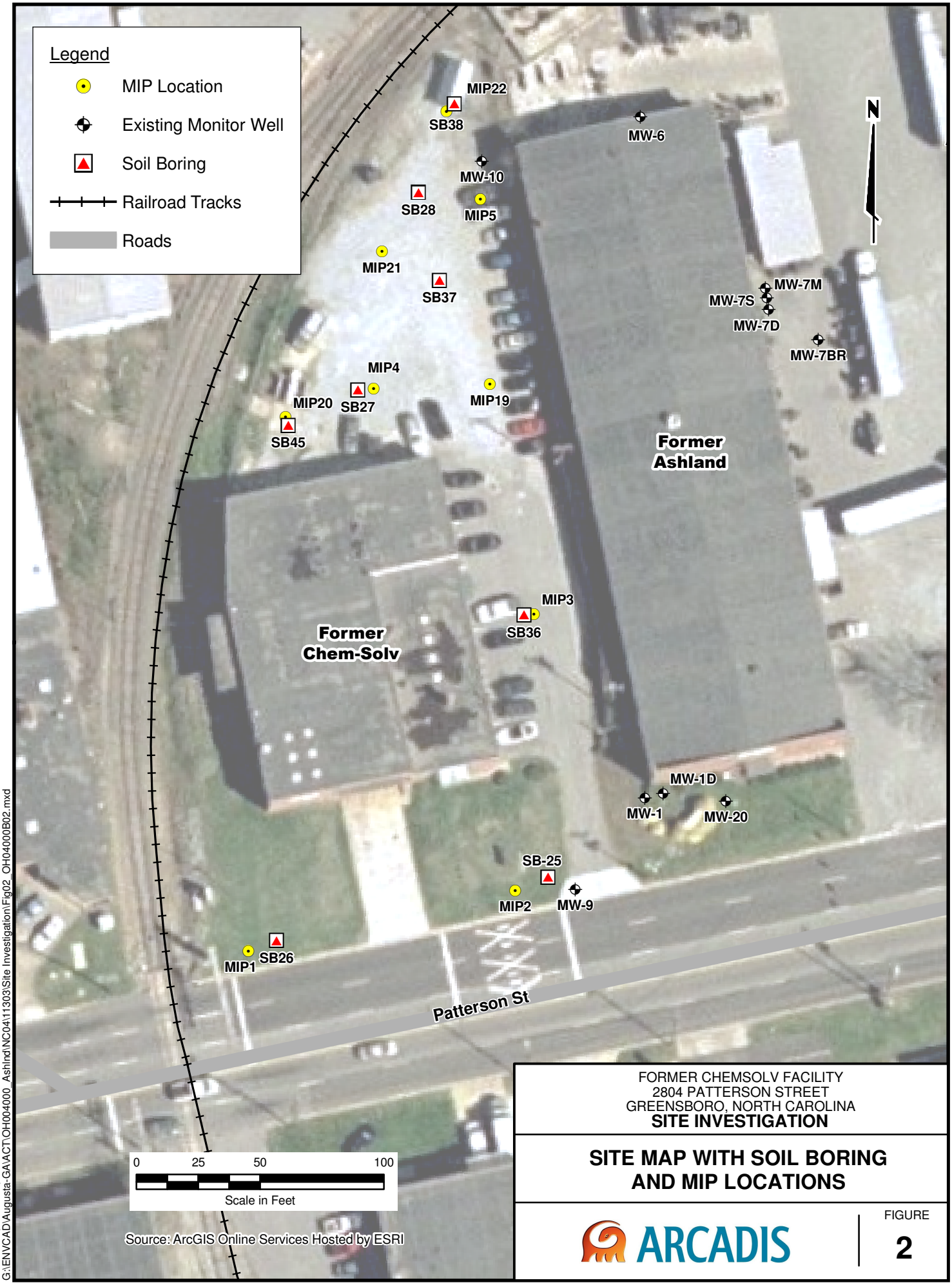

Source: ArcGIS Online Services Hosted by ESRI

FORMER CHEMSOLV FACILITY
2804 PATTERSON STREET
GREENSBORO, NORTH CAROLINA
SITE INVESTIGATION

SITE MAP WITH SOIL BORING AND MIP LOCATIONS

ARCADIS

FIGURE
2

CITY: Augusta, GA DIV/GROUP: ENV DB: A. Saul LD: PIC: PM: TM: TR:
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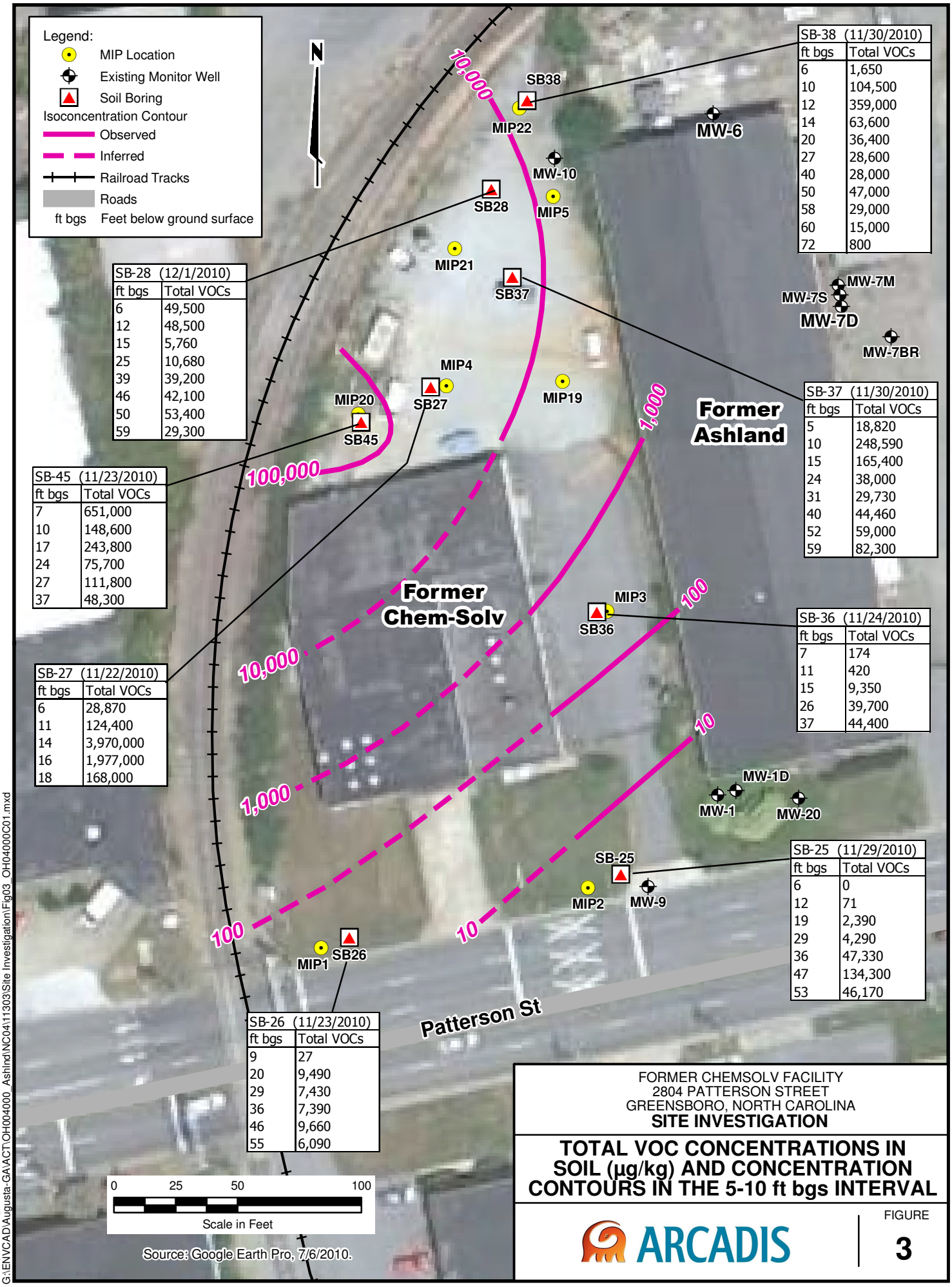


Source: Google Earth Pro, 7/6/2010.

SB-38 (11/30/2010)	
ft bgs	Total VOCs
6	1,650
10	104,500
12	359,000
14	63,600
20	36,400
27	28,600
40	28,000
50	47,000
58	29,000
60	15,000
72	800

SB-28 (12/1/2010)	
ft bgs	Total VOCs
6	49,500
12	48,500
15	5,760
25	10,680
39	39,200
46	42,100
50	53,400
59	29,300

SB-37 (11/30/2010)	
ft bgs	Total VOCs
5	18,820
10	248,590
15	165,400
24	38,000
31	29,730
40	44,460
52	59,000
59	82,300

SB-45 (11/23/2010)	
ft bgs	Total VOCs
7	651,000
10	148,600
17	243,800
24	75,700
27	111,800
37	48,300

SB-36 (11/24/2010)	
ft bgs	Total VOCs
7	174
11	420
15	9,350
26	39,700
37	44,400

SB-27 (11/22/2010)	
ft bgs	Total VOCs
6	28,870
11	124,400
14	3,970,000
16	1,977,000
18	168,000

SB-25 (11/29/2010)	
ft bgs	Total VOCs
6	0
12	71
19	2,390
29	4,290
36	47,330
47	134,300
53	46,170

SB-26 (11/23/2010)	
ft bgs	Total VOCs
9	27
20	9,490
29	7,430
36	7,390
46	9,660
55	6,090

FORMER CHEMSOLV FACILITY
2804 PATTERSON STREET
GREENSBORO, NORTH CAROLINA
SITE INVESTIGATION

TOTAL VOC CONCENTRATIONS IN SOIL (µg/kg) AND CONCENTRATION CONTOURS IN THE 5-10 ft bgs INTERVAL

ARCADIS

FIGURE
3

CITY: Augusta, GA DIV/GROUP: ENV DB: A. Saul LD: A. Saul PIC: PM: D. Malone TM: M. Webb TR:
Friday, February 11, 2011 1:15:06 PM
G:\ENVCAD\Augusta-GA\ACT\OH004000_AshInd\NC04\11303\Site Investigation\Fig03_OH04000C01.mxd

ARCADIS

Attachment 1

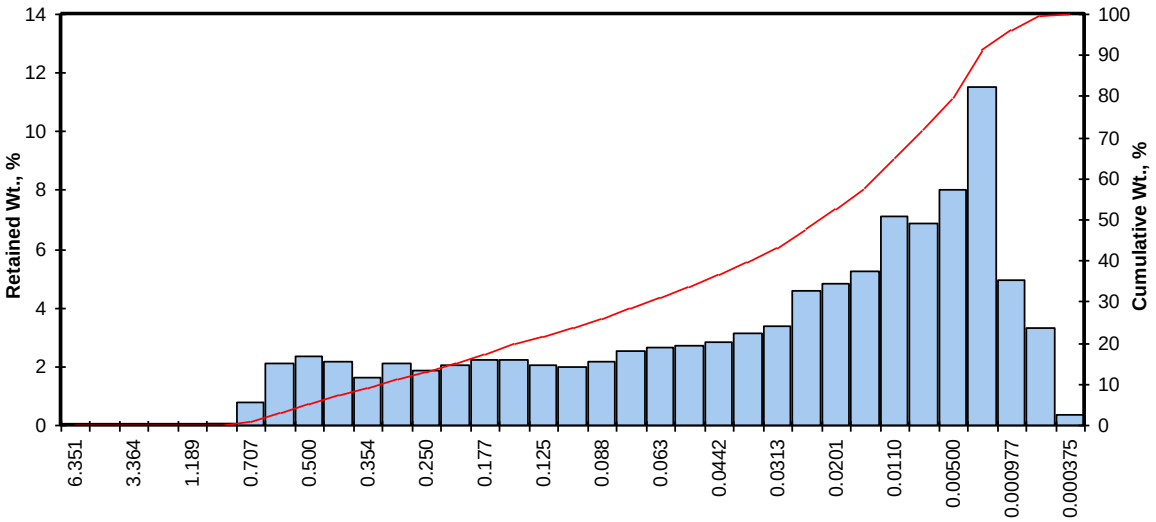
Petrophysical Data

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	ARCADIS	**PTS File No:**	40893
Project:	Ashland Greensboro	**Sample ID:**	SB-45SO-16-18
Project No:	OH004000.NC04	**Depth, ft:**	N/A

Grv	Sand Size			Silt	Clay
	crs	medium	fine		



Particle Size, mm

Opening Inches	Opening Millimeters	Phi of Screen	U.S. No.	Sample Weight, grams	Increment Weight, percent	Cumulative Weight, percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.05	0.05	0.05
0.0278	0.707	0.50	25	0.77	0.77	0.82
0.0234	0.595	0.75	30	2.11	2.11	2.93
0.0197	0.500	1.00	35	2.37	2.37	5.30
0.0166	0.420	1.25	40	2.16	2.16	7.46
0.0139	0.354	1.50	45	1.62	1.62	9.08
0.0117	0.297	1.75	50	2.11	2.11	11.19
0.0098	0.250	2.00	60	1.86	1.86	13.05
0.0083	0.210	2.25	70	2.06	2.06	15.11
0.0070	0.177	2.50	80	2.26	2.26	17.37
0.0059	0.149	2.75	100	2.26	2.26	19.63
0.0049	0.125	3.00	120	2.05	2.05	21.68
0.0041	0.105	3.25	140	1.97	1.97	23.65
0.0035	0.088	3.50	170	2.20	2.20	25.85
0.0029	0.074	3.75	200	2.53	2.53	28.38
0.0025	0.063	4.00	230	2.68	2.68	31.06
0.0021	0.053	4.25	270	2.71	2.71	33.77
0.00174	0.0442	4.50	325	2.86	2.86	36.63
0.00146	0.0372	4.75	400	3.13	3.13	39.76
0.00123	0.0313	5.00	450	3.40	3.40	43.16
0.000986	0.0250	5.32	500	4.60	4.60	47.76
0.000790	0.0201	5.64	635	4.80	4.80	52.56
0.000615	0.0156	6.00		5.28	5.28	57.84
0.000435	0.0110	6.50		7.12	7.12	64.96
0.000308	0.00781	7.00		6.90	6.90	71.86
0.000197	0.00500	7.65		8.00	8.00	79.86
0.000077	0.00195	9.00		11.50	11.50	91.36
0.000038	0.000977	10.00		4.97	4.97	96.33
0.000019	0.000488	11.00		3.29	3.29	99.62
0.000015	0.000375	11.38		0.38	0.38	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than			
Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	0.97	0.0201	0.511
10	1.61	0.0129	0.328
16	2.35	0.0077	0.196
25	3.40	0.0037	0.095
40	4.77	0.0014	0.037
50	5.47	0.0009	0.023
60	6.15	0.0006	0.014
75	7.25	0.0003	0.007
84	8.13	0.0001	0.004
90	8.84	0.0001	0.002
95	9.73	0.0000	0.001

Measure	Trask	Inman	Folk-Ward
Median, phi	5.47	5.47	5.47
Median, in.	0.0009	0.0009	0.0009
Median, mm	0.023	0.023	0.023
Mean, phi	4.31	5.24	5.32
Mean, in.	0.0020	0.0010	0.0010
Mean, mm	0.051	0.026	0.025
Sorting	3.797	2.892	2.774
Skewness	1.103	-0.079	-0.053
Kurtosis	0.135	0.515	0.933
Grain Size Description (ASTM-USCS Scale)		Silt (based on Mean from Trask)	

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	7.46
Fine Sand	200	20.92
Silt	>0.005 mm	51.48
Clay	<0.005 mm	20.14
	Total	**100**

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Phone: (562) 907-3607 Fax: (562) 907-3610

Table A1-1: PHYSICAL PROPERTIES DATA - PORE FLUID SATURATIONS

		METHODS:	API RP 40 / ASTM D2216	API RP 40		API RP 40		API RP 40	
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENTATION (1)	MOISTURE CONTENT, % weight	DENSITY BULK, g/cc	DENSITY GRAIN, g/cc	POROSITY, %Vb (2) TOTAL	POROSITY, %Vb (2) AIR FILLED	PORE FLUID SATURATIONS, % Pv (3) WATER	PORE FLUID SATURATIONS, % Pv (3) NAPL
SB-45SO-16-18	16 - 18	V	61.0	0.97	2.82	65.7	6.6	88.5	1.3

(1) Sample Orientation: H = horizontal; V = vertical

(2) Total Porosity = all interconnected pore channels; Air Filled = pore channels not occupied by pore fluids

(3) Water = 0.9996 g/cc, Hydrocarbon = 0.8600 g/cc

Vb = Bulk Volume, cc; Pv = Pore Volume, cc; ND = Not Detected

Table A1-2: PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
SB-45SO-16-18	N/A	Silt	0.023	0.00	0.00	7.46	20.92	51.48	20.14	71.62

ARCADIS

Attachment 2

Soil Boring Logs

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well: SB-25 Project/No. OH004000.NC04.11302 Page 1 of 2

Site Location: 2804 Patterson St, Greensboro NC Drilling Started 11/29/2010 Drilling Completed 11/29/2010

Drilling Contractor: Parrott-Wolff Inc. Driller: Joshua Ellingworth Helper: Rick Bunker

Drilling Fluid Used: NA Drilling Method: Direct Push

Length and Diameter of Coring Device: 4 ft. x 3 in. Sampling Interval: Continuous feet

Land-Surface Elev.: _____ feet ☐ Surveyed ☐ Estimated Datum: Land surface

Total Depth Drilled: 47.0 Feet Hole Diameter 3 in. Coring Device: Macro-core sampler

Prepared By: Mathew Webb Hammer Weight: NA Hammer Drop: NA ins.

Sampling Data:

Depth (feet)	Grab/Composite	Matrix	Time	Laboratory Analysis
6.0	Grab	soil	8:45	VOCs, soil moisture
12.0	Grab	soil	9:00	VOCs, soil moisture
19.0	Grab	soil	9:45	VOCs, soil moisture
28.5	Grab	soil	11:10	VOCs, soil moisture
35.5	Grab	soil	12:00	VOCs, soil moisture
38.0-42.0	Grab	water	13:10	VOCs
47.0	Grab	soil	14:20	VOCs, soil moisture

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
0.0	1.0	hand-auger			0.0-3.0 ft: Silt & clay (70%) with some sand, moist, no plasticity, soft, fine sand, 7.5YR 6/8.
1.0	2.0				
2.0	3.0				
3.0	4.0				3.0-5.0 ft: 7.5YR 6/8 mottled with 10YR 8/4.
4.0	5.0				
5.0	6.0	2.0	0		5.0-7.0 ft: Same as 3-5 ft.
6.0	7.0		0		
7.0	8.0	4.0			7.0-11.0 ft: Same as 3-5 ft.
8.0	9.0		0		
9.0	10.0				
10.0	11.0		0		
11.0	12.0	3.0			11.0-14.0 ft: Same as 3-5 ft.
12.0	13.0		0		
13.0	14.0				
14.0	15.0	0.0			No core collected. Hydropunch advanced over this interval.
15.0	16.0				Unable to collect a groundwater sample over this interval.
16.0	17.0				
17.0	18.0				
18.0	19.0	4.0			18.0-22.0 ft: Wet, 2.5Y 6/3 mottled with 10YR 6/6. Same as 3-5 ft.
19.0	20.0		88		
20.0	21.0				Coarse sand seam 1 inch thick at 21.5 ft.
21.0	22.0		76		

Cont'd on page 2

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-25 Project/No. OH004000.NC04.11303 Page 2 of 2

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
22.0	23.0	4.0	107		22.0-26.0 ft: 7.5YR 6/8 mottled with 10YR 8/6. Same as 3-5 ft.
23.0	24.0				
24.0	25.0		725		
25.0	26.0				
26.0	27.0	4.0			26.0-30.0 ft: Same as 22-26 ft
27.0	28.0		26.1		
28.0	29.0		53.5		
29.0	30.0		47.4		
30.0	31.0	4.0			30.0-34.0 ft: Very soft. Same as 22-26 ft.
31.0	32.0		227		
32.0	33.0				
33.0	34.0		107		
34.0	35.0	4.0	58.9		34.0-35.0 ft: Same as 30-34 ft.
35.0	36.0		108		Coarse 1 inch seam at 34.5 ft, sand and gravel with some fines, moist.
36.0	37.0		88		35.0-38.0 ft: 2.5YR 6/3 mottled with 10YR 6/6. Same as 30-34 ft.
37.0	38.0				
38.0	39.0	0.0			No core collected. Hydropunch advanced over this interval.
39.0	40.0				
40.0	41.0				
41.0	42.0				
42.0	43.0	4.0			42.0-46.0 ft: 10YR 6/8, relict bedrock features such as mineral grains and fractures
43.0	44.0		356		becoming dominant characteristic of core.
44.0	45.0				2 inch coarse seam at 42.5 ft, 60% fines, 40% fine-coarse sand (up to 1/4 inch)
45.0	46.0				Weathered feldspar seam (white) at 44.5, 65% fines, 35% fine-medium sand
46.0	47.0	4.0			46.0-50.0 ft: Same as 42-46 ft.
47.0	48.0		275		
48.0	49.0				
49.0	50.0				
50.0	51.0	4.0	2859		50.0-54.0 ft: 7.5YR 5/8, firm. Same as 42-46 ft.
51.0	52.0				
52.0	53.0		490		
53.0	54.0		360		
54.0	55.0	3.7			54.0-54.6 ft: Same as 42-46 ft.
55.0	56.0		488		2 inch coarse seam at 54.3 & 56.0 ft; 70% fine-medium angular sand, 30% fines
56.0	57.0		259		54.6-57.0 ft: Fine sand (55%) and silt & clay, moist, firm, 2.5Y6/8.
					Bottom of boring at 57.0 feet

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well: SB-26 Project/No. OH004000.NC04.11302 Page 1 of 2

Site Location: 2804 Patterson St, Greensboro NC Drilling Started 11/23/2010 Drilling Completed 11/23/2010

Drilling Contractor: Parrott-Wolff Inc. Driller: Gary Ellingworth Helper: Rick Bunker

Drilling Fluid Used: NA Drilling Method: Direct Push

Length and Diameter of Coring Device: 4 ft. x 3 in. Sampling Interval: Continuous feet

Land-Surface Elev.: feet ☐ Surveyed ☐ Estimated Datum: Land surface

Total Depth Drilled: 60.0 Feet Hole Diameter 3 in. Coring Device: Macro-core sampler

Prepared By: Mathew Webb Hammer Weight: NA Hammer Drop: NA ins.

Sampling Data:

Depth (feet)	Grab/Composite	Matrix	Time	Laboratory Analysis
9.0	Grab	Soil	13:45	VOCs, Soil moisture
12.0 - 16.0	Grab	Water	14:00	VOCs
20.0	Grab	Soil	14:20	VOCs, Soil moisture
29.0	Grab	Soil	14:50	VOCs, Soil moisture
36.0	Grab	Soil	15:05	VOCs, Soil moisture
36.0 - 40.0	Grab	Water	15:20	VOCs
46.0	Grab	Soil	16:20	VOCs, Soil moisture

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
0.0	1.0	hand-auger			0.0-5.0 ft: Silt & clay (65%) with some sand, moist, firm, fine sand, 7.5YR 5/8
1.0	2.0				
2.0	3.0				
3.0	4.0				
4.0	5.0				
5.0	6.0	3.0	231		5.0-8.0 ft: 7.5YR 5/8 mottled with 10YR 8/6. Same as 5-8 ft.
6.0	7.0				
7.0	8.0		234		
8.0	9.0	4.0			8.0-12.0 ft: Same as 5-8 ft.
9.0	10.0		1244		
10.0	11.0				
11.0	12.0		736		
12.0	13.0	0.0			No core collected. Hydropunch advanced over this interval.
13.0	14.0				
14.0	15.0				
15.0	16.0				
16.0	17.0	4.0	32.2		16.0-18.0 ft: Same as 5-8 ft.
17.0	18.0				18.0-20.0 ft: 10YR 4/3 mottled with light gray 2.5Y 7/2. Relict features. Same as 5-8 ft.
18.0	19.0		38.8		
19.0	20.0				
20.0	21.0	4.0			20.0-24.0 ft: 10YR 5/8. Same as 10-20 ft.
21.0	22.0		45.2		

Cont'd on page 2

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-26 Project/No. OH004000.NC04.11303 Page 2 of 2

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
22.0	23.0				Cont'd from page 1
23.0	24.0				
24.0	25.0				24.0-27.0 ft: Silt & clay (80%) with little sand, moist, fine sand, 10YR 4/2.
25.0	26.0	4.0			Relict features visible
26.0	27.0		55.4		
27.0	28.0				27.0-28.0 ft: 10YR 6/2. Same as 24-27 ft.
28.0	29.0				28.0-30.0 ft: Same as 27-28 ft.
29.0	30.0	4.0			
30.0	31.0		56.8		30.0-32.0 ft: Silt & clay (80%) with little sand, moist, soft, fine to very coarse sand,
31.0	32.0				10YR 5/8 mottled with 10YR 7/3. Relict features visible.
32.0	33.0				32.0-35.0 ft: Same as 30-32 ft.
33.0	34.0	4.0			
34.0	35.0		53.4		35.0-36.0 ft: Silt & clay (70%) with sand and trace gravel, moist, fine-very coarse
35.0	36.0				sand. Same as 30-32 ft. Relict features visible.
36.0	37.0				No core collected. Hydropunch advanced over this interval.
37.0	38.0	4.0			
38.0	39.0				
39.0	40.0				
40.0	41.0				40.0-44.0 ft: Same as 35-36 ft.
41.0	42.0	4.0			
42.0	43.0		68.3		
43.0	44.0				
44.0	45.0				44.0-46.0 ft: Same as 35-36 ft.
45.0	46.0	4.0			46.0-47.0 ft: wet. Same as 35-36.
46.0	47.0		76.7		47.0-48.0 ft: Minor gravel present (up to 1 inch diameter), predominantly from 47.5-48 ft.
47.0	48.0				Same as 35-36 ft.
48.0	49.0				48.0-49.0 ft: Same as 47-48 ft.
49.0	50.0	4.0			49.0-52.0 ft: Firm, fine-coarse sand, 10YR 6/6. Same as 35-36 ft.
50.0	51.0		105		
51.0	52.0				
52.0	53.0				52.0-56.0 ft: Same as 49-52 ft.
53.0	54.0	4.0			
54.0	55.0				
55.0	56.0				
56.0	57.0				No core collected. Hydropunch advanced over this interval.
57.0	58.0	0.0			
58.0	59.0				
59.0	60.0				
					Bottom of boring at 60.0 feet

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well: SB-27 Project/No. OH004000.NC04.11302 Page 1 of 2

Site Location: 2804 Patterson St, Greensboro NC Drilling Started 11/22/2010 Drilling Completed 11/22/2010

Drilling Contractor: Parrott-Wolff Inc. Driller: Gary Ellingworth Helper: Rick Bunker

Drilling Fluid Used: NA Drilling Method: Direct Push

Length and Diameter of Coring Device: 4 ft. x 3 in. Sampling Interval: Continuous feet

Land-Surface Elev.: feet ☐ Surveyed ☐ Estimated Datum: Land surface

Total Depth Drilled: 48.0 Feet Hole Diameter 3 in. Coring Device: Macro-core sampler

Prepared By: Mathew Webb Hammer Weight: NA Hammer Drop: NA ins.

Sampling Data:

Depth (feet)	Grab/Composite	Matrix	Time	Laboratory Analysis
6.0	Grab	Soil	11:40	VOCs, SVOCs, EPH, VPH, Soil moisture
10.5	Grab	Soil	11:55	VOCs, SVOCs, EPH, VPH, Soil moisture
14.0	Grab	Soil	12:20	VOCs, SVOCs, EPH, VPH, Soil moisture
16.0	Grab	Soil	12:35	VOCs, SVOCs, EPH, VPH, Soil moisture
18.0	Grab	Soil	13:00	VOCs, SVOCs, EPH, VPH, Soil moisture
18.0 - 22.0	Grab	Water	15:00	VOCs. Taken from adjacent step-out boring.
44.0 - 48.0	Grab	Water	16:35	VOCs

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
0.0	1.0	hand-auger			0.0-0.5 ft: Gravel
1.0	2.0				0.0-5.0 ft:Silt & clay (80%) with little sand, moist, firm, fine sand, 5YR 5/8.
2.0	3.0				
3.0	4.0				
4.0	5.0				
5.0	6.0	3.0	92.7		5.0-6.0 ft: Same as 0-5 ft.
6.0	7.0		1095		6.0-7.0 ft: 7.5YR 5/8. Same as 0-5 ft.
7.0	8.0		1371		7.0-8.0 ft: 5YR 5/8 mottled with 7.5YR 5/8.
8.0	9.0	4.0	4900		8.0-9.0 ft: Same as 7-8 ft.
9.0	10.0				9.0-10.0 ft: 7.5YR 5/8. Same as 7-8 ft.
10.0	11.0		1633		10.0-12.0 ft: Same as 7-8 ft
11.0	12.0		2873		
12.0	13.0	4.0			12.0-16.0 ft: Same as 7-8 ft.
13.0	14.0		6416		
14.0	15.0				
15.0	16.0		3613		
16.0	17.0	4.0			16.0-18.0 ft: Same as 7-8 ft.
17.0	18.0		4839		
18.0	19.0		2287		18.0-20.0 ft: Wet, 7.5YR 5/8 mottled with 10YR 8/3. Same as 7-8 ft.
19.0	20.0				
20.0	21.0	4.0			20.0-24.0 ft: 5YR 5/8 mottled with 7.5YR 5/8. Same as 7-8 ft.
21.0	22.0		442		

Cont'd on page 2

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-27 Project/No. OH004000.NC04.11303 Page 2 of 2

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
22.0	23.0		200		Cont'd from page 1
23.0	24.0				
24.0	25.0		2051		24.0-26.0 ft: Same as 20-24 ft.
25.0	26.0	4.0			
26.0	27.0				26.0-28.0 ft: Increasing sand composition
27.0	28.0		732		
28.0	29.0				28.0-29.0 ft: Sand (60%) and silt & clay, wet, 7.5YR 5/8. Relict features visible.
29.0	30.0	4.0	239		29.0-30.5 ft: Sandy gravel, silty sand, and sandy gravel (angular) from 29-29.5,
30.0	31.0				29.5-30.0, and 30.0-30.5 ft respectively.
31.0	32.0		269		30.5-32.0 ft: Same as 28-29 ft.
32.0	33.0				32.0-36.0 ft: Same as 28-29 ft.
33.0	34.0	4.0	561		Gravel seam (angular, up to 1 inch diameter) from 33.5-34.0 ft.
34.0	35.0				
35.0	36.0		575		
36.0	37.0				36.0-40.0 ft: Same as 28-29 ft.
37.0	38.0	4.0	137		
38.0	39.0		232		
39.0	40.0				
40.0	41.0				40.0-41.5 ft: Sand (80%) with little silt & clay, wet, 7.5YR 5/8.
41.0	42.0	4.0			Gravel (angular) seam from 41.0-41.5 ft.
42.0	43.0				41.5-44.0 ft: 5Y 5/4. Same as 40-41.5 ft.
43.0	44.0				Gravel (angular, up to 1 inch diameter) seam from 43.5-44.0 ft.
44.0	45.0				No core collected. Hydropunch advanced over this interval.
45.0	46.0	4.0			
46.0	47.0				
47.0	48.0				
					Bottom of boring at 48.0 ft.

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well: SB-28 Project/No. OH004000.NC04.11302 Page 1 of 3

Site Location: 2800 Patterson St, Greensboro NC Drilling Started 12/1/2010 Drilling Completed 12/1/2010

Drilling Contractor: Parrott-Wolff Inc. Driller: Joshua Ellingworth Helper: Rick Bunker

Drilling Fluid Used: NA Drilling Method: Direct Push

Length and Diameter of Coring Device: 4 ft. x 3 in. Sampling Interval: Continuous feet

Land-Surface Elev.: feet ☐ Surveyed ☐ Estimated Datum: Land surface

Total Depth Drilled: 64.0 Feet Hole Diameter 3 in. Coring Device: Macro-core sampler

Prepared By: Mathew Webb Hammer Weight: NA Hammer Drop: NA ins.

Sampling Data:

Depth (feet)	Grab/Composite	Matrix	Time	Laboratory Analysis
6.0	Grab	Soil	8:30	VOCs, Soil moisture
12.0	Grab	Soil	8:45	VOCs, Soil moisture
15.0	Grab	Soil	9:10	VOCs, Soil moisture
25.0	Grab	Soil	9:45	VOCs, Soil moisture
39.0	Grab	Soil	10:30	VOCs, Soil moisture
46.0	Grab	Soil	11:00	VOCs, Soil moisture
50.0	Grab	Soil	11:20	VOCs, Soil moisture
59.0	Grab	Soil	12:00	VOCs, Soil moisture
60.0 - 64.0	Grab	Water	12:40	VOCs

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
0.0	1.0	hand-auger			0.0-0.5: Gravel
1.0	2.0				0.5-5.0 ft: Silt & clay (70%) with some sand, moist, low plasticity, no dilatancy, soft, fine sand,
2.0	3.0				2.5YR 5/8 mottle with 10YR 8/6.
3.0	4.0				
4.0	5.0				
5.0	6.0	3.0		7.1	5.0-8.0 ft: Same as 0.5-5 ft.
6.0	7.0			232	
7.0	8.0			242	
8.0	9.0	2.0			8.0-9.0 ft: Same as 5-8 ft.
9.0	10.0			813	9.0-10.0 ft: Sand (65%) with some silt & clay, moist, low plasticity, medium dilatancy, soft, fine-
10.0	11.0				medium sand, 2.5YR 5/8 mottled with 10YR 5/6.
11.0	12.0				
12.0	13.0	4.0		214	12.0-14.2 ft: Same as 5-8 ft.
13.0	14.0				
14.0	15.0			236	14.2-15.8 ft: wet, 10R 6/8 mottled with 10GY 8/1. Same as 5-8 ft.
15.0	16.0			24.8	15.8-16.0 ft: 10R 4/8 mottled with 10GY 6/1. Same as 5-8 ft.
16.0	17.0	4.0			16.0-16.7 ft: Sand (75%) with some silt & clay, wet, no plasticity, rapid dilatancy,very soft, fine-
17.0	18.0			14.2	medium angular-subangular sand, 5Y 8/3.
18.0	19.0			57.9	16.7-20.0 ft: Silt & clay (75%) with some sand, moist, low plasticity, slow dilatancy, soft, fine
19.0	20.0				sand, 2.5YR mottled with 5G 6/1. Relict structures indicate saprolite. Coarse seam <1in at 18.5 ft.
20.0	21.0	4.0		21.7	20.0-21.0 ft: Same as 16.7-20 ft.
21.0	22.0				Coarse seam (80% fine-medium sand) 1 inch thick at 21.0 ft.

Cont'd on page 2

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Wel SB-28 Project/No. OH004000.NC04.11303 Page 2 of 3

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
22.0	23.0		523		21.0-24.0 ft: Silt & clay (60%) and sand. Same as 16.7-20 ft.
23.0	24.0				
24.0	25.0		40.8		24.0-28.0 ft: Sand (75%) with some silt & clay, wet (free water in core), no plasticity,
25.0	26.0	4.0	26		rapid dilatancy, very soft, fine-medium sand, 5Y 7/4.
26.0	27.0				- PID data from 5-28 ft taken all at once from cores that had been sitting out from
27.0	28.0		127		20 min to 1.5 hrs.
28.0	29.0		125		28.0-31.0 ft: Sand (60%) and silt & clay, wet, low plasticity, slow dilatancy, soft, fine-
29.0	30.0	4.0	55.1		medium sand, 2.5Y 7/6 mottled with 5YR 6/8.
30.0	31.0				31.0-32 ft: Silt & clay (60%) and sand, moist, low plasticity, no dilatancy, fine sand,
31.0	32.0		18.2		10GY 5/1.
32.0	33.0		48.4		32.0-33.0 ft: Same as 31-32 ft.
33.0	34.0	4.0	52		33.0-35.0 ft: 10GY 5/1 mottled with 10R 4/6, relict features visible. Same as 31-32 ft.
34.0	35.0				35.0-36.0 ft: 10R 4/6 mottled with 2Y 7/6. Same as 31-32 ft.
35.0	36.0		26.9		
36.0	37.0		97		36.0-40.0 ft: Same as 35-36 ft.
37.0	38.0	4.0			
38.0	39.0		58		
39.0	40.0		145		
40.0	41.0		279		40-42.7 ft: Same as 35-36 ft.
41.0	42.0	4.0			42.7-44.0 ft: Fine-medium sand, 5GY 5/1. Same as 35-36 ft.
42.0	43.0		62		
43.0	44.0		104		
44.0	45.0		4.7		44.0-44.5 ft: Same as 35-36 ft.
45.0	46.0	4.0			44.5-46.5 ft: Sand (75%) with some silt & clay, wet, no plasticity, slow dilatancy, very
46.0	47.0		51		soft, fine-coarse angular sand, 5GY 7/1
47.0	48.0		25.1		46.5-48.0 ft: Fine-medium sand, 5G 5/1 mottled with 2YR 5/6. Same as 35-36 ft.
48.0	49.0		82		48.0-49.3 ft: Same as 46.5-48 ft.
49.0	50.0	4.0	50		49.3-50.6 ft: Same as 44.5-46.5 ft.
50.0	51.0				50.6-52.0 ft: Silt & clay (70%) with some sand, moist, low plasticity, no dilatancy, soft,
51.0	52.0		130		fine angular sand, 5G 7/2. Relict features visible.
52.0	53.0		50		52.0-53.0 ft: Same as 50.6-52 ft. Sandy seam at 52.3, not laterally continuous
53.0	54.0	4.0	35		53.0-55.3 ft: Sand (60%) and silt & clay, wet, low plasticity, slow dilatancy,
54.0	55.0				fine sand, 5G 6/2
55.0	56.0		190		55.3-56.0 ft: Fine sand. Same as 50.6-52 ft.
56.0	57.0		267		56.0-57.0 ft: Same as 50.6-52 ft.
57.0	58.0	4.0	75		57.0-60.0 ft: Same as 53-55.3 ft.
58.0	59.0				
59.0	60.0		108		
60.0	61.0				

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-28 Project/No. OH004000.NC04.11303 Page 3 of 3

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
61.0	62.0				No core collected. Hydropunch advanced over this interval.
62.0	63.0				
63.0	64.0				
					Bottom of boring at 64.0 feet

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well: SB-36 Project/No. OH004000.NC04.11302 Page 1 of 2

Site Location: 2804 Patterson St, Greensboro NC Drilling Started 11/24/2010 Drilling Completed 11/24/2010

Drilling Contractor: Parrott-Wolff Inc. Driller: Gary Ellingworth Helper: Rick Bunker

Drilling Fluid Used: NA Drilling Method: Direct Push

Length and Diameter of Coring Device: 4 ft. x 3 in. Sampling Interval: Continuous feet

Land-Surface Elev.: feet ☐ Surveyed ☐ Estimated Datum: Land surface

Total Depth Drilled: 40.0 Feet Hole Diameter 3 in. Coring Device: Macro-core sampler

Prepared By: Mathew Webb Hammer Weight: NA Hammer Drop: NA ins.

Sampling Data:

Depth (feet)	Grab/Composite	Matrix	Time	Laboratory Analysis
7.0	Grab	Soil	9:05	VOCs, Soil moisture
11.0	Grab	Soil	9:15	VOCs, Soil moisture
15.0	Grab	Soil	9:30	VOCs, Soil moisture
26.0	Grab	Soil	10:00	VOCs, Soil moisture
37.0	Grab	Soil	11:45	VOCs, Soil moisture

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
0.0	1.0	hand-auger			0.0-0.5 ft: 3 inches of ashpalt, 3 inches of aggregate base.
1.0	2.0				0.5-5.0 ft: Silt & clay (70%) with some sand, moist, very soft, 5YR 6/8.
2.0	3.0				
3.0	4.0				
4.0	5.0				
5.0	6.0	3.0	740		5.0-8.0 ft: firm, 7.5YR 5/8. Same as 0.5-5.0 ft.
6.0	7.0				
7.0	8.0		848		
8.0	9.0	4.0			8.0-12.0 ft: Silt & clay with trace fine sand, moist, firm, 2.5Y 6/5. Relict features, weathered
9.0	10.0		922		mineral grains
10.0	11.0		1313		
11.0	12.0				
12.0	13.0	4.0	617		12.0-16.0 ft: Sand (70%) with some silt & clay, wet, firm, 2.5Y 6/4.
13.0	14.0				
14.0	15.0		436		
15.0	16.0				
16.0	17.0	4.0			16.0-20.0 ft: relict features beoming more evident. Same as 12-16 ft.
17.0	18.0				
18.0	19.0		416		
19.0	20.0				
20.0	21.0	4.0			20.0-22.5 ft: Same as 16-20 ft.
21.0	22.0				

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-36 Project/No. OH004000.NC04.11303 Page 2 of 2

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
22.0	23.0		328		Cont'd from page 1
23.0	24.0				22.5-24.0 ft: Sand (65%) with some silt & clay, firm. Same as 16-20 ft.
24.0	25.0				24.0-25.0 ft: No recovery
25.0	26.0	3.0	724		25.0-28.0 ft: Moist. Same as 22.5-24 ft.
26.0	27.0				
27.0	28.0		458		
28.0	29.0				28.0-32.0 ft: Same as 25-28 ft.
29.0	30.0	4.0	432		
30.0	31.0		278		
31.0	32.0				
32.0	33.0				32.0-36.0 ft: Very firm. Same as 25-28 ft.
33.0	34.0	3.0	162		
34.0	35.0				
35.0	36.0		330		
36.0	37.0				36.0-37.5 ft: Same as 25-28 ft.
37.0	38.0	2.5	300		37.5-38.0 ft: Clay & silt (60%) with some sand. Same as 25-28 ft.
38.0	39.0		322		38.0-38.5 ft: Fine-coarse angular sand, 5Y 4/3, relict features dominant characteristic
39.0	40.0				of core. Same as 37.5-38.0 ft. No recovery from 38.5-40 ft.
					Bottom of boring at 40.0 feet

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well: SB-37 Project/No. OH004000.NC04.11302 Page 1 of 2

Site Location: 2800 Patterson St, Greensboro NC Drilling Started 11/29/2010 Drilling Completed 11/30/2010

Drilling Contractor: Parrott-Wolff Inc. Driller: Joshua Ellingworth Helper: Rick Bunker

Drilling Fluid Used: NA Drilling Method: Direct Push

Length and Diameter of Coring Device: 4 ft. x 3 in. Sampling Interval: Continuous feet

Land-Surface Elev.: feet ☐ Surveyed ☐ Estimated Datum: Land surface

Total Depth Drilled: 58.5 Feet Hole Diameter 3 in. Coring Device: Macro-core sampler

Prepared By: Mathew Webb Hammer Weight: NA Hammer Drop: NA ins.

Sampling Data:

Depth (feet)	Grab/Composite	Matrix	Time	Laboratory Analysis
5.0	Grab	soil	16:35	VOCs, Soil moisture
10.0	Grab	soil	16:45	VOCs, Soil moisture
15.0	Grab	soil	16:55	VOCs, Soil moisture
24.0	Grab	soil	8:10	VOCs, Soil moisture
31.0	Grab	soil	8:30	VOCs, Soil moisture
40.0	Grab	soil	9:00	VOCs, Soil moisture
52.0	Grab	soil	10:05	VOCs, Soil moisture
58.5	Grab	soil	10:25	VOCs, Soil moisture

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
0.0	1.0	NA			0.0-0.5: Gravel/fill
1.0	2.0				0.5-.0 ft: Clay with little sand, moist, low plasticity, no dilatancy, sand is fine to medium, 7/6
2.0	3.0				angular, stiff, 10R 5/6 mottled with 10YR
3.0	4.0				
4.0	5.0		32.3		
5.0	6.0	3.0	226		5.0-6.5 ft: Same as 0.5-5 ft.
6.0	7.0		315		6.5-8.0 ft: Silt & clay (75%) with some sand, low plasticity, slow dilatancy, fine sand, angular, soft,
7.0	8.0		1650		2.5Y 7/4 mottled with 10R 5/6
8.0	9.0	3.5	315		8-12.0 ft: Same as 6.5-8.0.
9.0	10.0		1286		relict structures present,
10.0	11.0				mottling decreasing with depth and gone by 11 ft.
11.0	12.0		1047		stong chemical smell, dye test at 10 ft negative
12.0	13.0	3.4	2120		12.0-16.0 ft: Same a 6.5-8.0 ft.
13.0	14.0				very uniform
14.0	15.0				relict structures weathered to clay, no coarse features
15.0	16.0				stong chemical smell, dye test at 12 ft negative
16.0	17.0	4.0	174		16.0-20.0 ft: Same as 6.5-8.0
17.0	18.0				10YR 6/8
18.0	19.0		381		1/4 inch seam with coarse subangular sand at 18.5 ft and 20.0 ft.
19.0	20.0		294		
20.0	21.0	3.7	315		20.0-24.0 ft: Silt & clay (85%) with little sand. Same as 6.5-8 ft.
21.0	22.0		171		high angle relict planar feature at 20.5,22, and 23.5 ft weathered dark to black, wet.

Cont'd on page 2

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-37 Project/No. OH004000.NC04.11303 Page 2 of 2

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
22.0	23.0				Cont'd ftom page 1
23.0	24.0		202		
24.0	25.0		590		24.0-28.0 ft: Same as 20-24 ft.
25.0	26.0	4.0	107		planar features (see 20-24 ft) from 25-25.3 ft.
26.0	27.0				
27.0	28.0		273		
28.0	29.0		338		28.0-30.0 ft: Same as 20-24 ft.
29.0	30.0	3.5	381		30-31.2 ft: Greater abundance of relict seams with fine-medium sand, wet.
30.0	31.0				coarse seam with visible water from 31-31.2
31.0	32.0		275		31.2-32.0 ft: Same as 28-30ft.
32.0	33.0		450		32.0-32.3 ft: Sandy relict feature
33.0	34.0	3.8	244		32.3-36.0 ft: Same as 28-30 ft.
34.0	35.0				Relict bedrock features and mineral grains becoming dominant charateristic of core
35.0	36.0		300		
36.0	37.0		244		36.0-38.0 ft: Same as 32.3-36 ft.
37.0	38.0	4.0			
38.0	39.0		218		38-40 ft: Silt & clay (60%) and sand, 7.5YR 7/8 mottled with 2.5Y 6/6. Same as 36-38 ft
39.0	40.0		339		
40.0	41.0		266		40.0-44.0 ft: 2.5Y 6/6 mottled with 2.5Y 5/4. Same as 38-40 ft.
41.0	42.0	4.0	426		
42.0	43.0				
43.0	44.0		446		
44.0	45.0		717		44.0-47.0 ft: Same as 40-44 ft.
45.0	46.0	4.0			continuing to get sandier with depth
46.0	47.0		780		
47.0	48.0		938		47.0-48.0 ft: 5Y 6/4. Same as 40-44 ft.
48.0	49.0		353		48.0-52.0 ft: Sand (60%) and Silt, moist, low plasticity, medium dilatancy, fine to medium
49.0	50.0	4.0	724		sand angular, 5Y 5/2, relict structures and mineral grain 5Y 7/2
50.0	51.0				
51.0	52.0		856		
52.0	53.0		110		52.0-54.5 ft: Same as 48-52 ft
53.0	54.0	4.0			54.5-56.0 ft: Sand (65%) with silt strong chemical odor. Same as 52-54.5 ft.
54.0	55.0		336		
55.0	56.0		580		
56.0	57.0		758		56.0-58.5 ft: Firm. Same as 54.5-56 ft.
57.0	58.0	2.5			
58.0	58.5		719		
					Bottom of boring at 58.5 ft

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well: SB-38 Project/No. OH004000.NC04.11302 Page 1 of 3

Site Location: 2800 Patterson St, Greensboro NC Drilling Started 11/30/2010 Drilling Completed 11/30/2010

Drilling Contractor: Parrott-Wolff Inc. Driller: Joshua Ellingworth Helper: Rick Bunker

Drilling Fluid Used: NA Drilling Method: Direct Push

Length and Diameter of Coring Device: 4 ft. x 3 in. Sampling Interval: Continuous feet

Land-Surface Elev.: feet ☐ Surveyed ☐ Estimated Datum: Land surface

Total Depth Drilled: 72.0 Feet Hole Diameter 3 in. Coring Device: Macro-core sampler

Prepared By: Mathew Webb Hammer Weight: NA Hammer Drop: NA ins.

Sampling Data:

Depth (feet)	Grab/Composite	Matrix	Time	Laboratory Analysis
6.0	grab	soil	11:55	VOCs, Soil moisture
10.0	grab	soil	12:05	VOCs, Soil moisture
12.0	grab	soil	12:10	VOCs, Soil moisture
14.0	grab	soil	12:15	VOCs, Soil moisture
20.0	grab	soil	13:00	VOCs, Soil moisture
27.0	grab	soil	13:30	VOCs, Soil moisture
40.0	grab	soil	13:45	VOCs, Soil moisture
50.0	grab	soil	14:30	VOCs, Soil moisture
58.0	grab	soil	14:55	VOCs, Soil moisture
60.0	grab	soil	15:20	VOCs, Soil moisture
72.0	grab	soil	16:20	VOCs, Soil moisture

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
0.0	1.0	NA			0.0-0.5 ft: Gravel
1.0	2.0		11.3		0.5-5.0 ft: Silt and clay (80%) with little sand, moist, low plasticity, no dilatancy, soft, fine sand,
2.0	3.0				2.5YR 5/8 mottled with 10YR 8/6
3.0	4.0				
4.0	5.0				
5.0	6.0	3.0	229		5.0-8.0 ft: Silt & clay (70%) with some sand. Same as 0.5-5 ft.
6.0	7.0		330		
7.0	8.0		403		
8.0	9.0	4.0	221		8.0-12.0 ft: Same as 5-8 ft.
9.0	10.0		1151		
10.0	11.0				
11.0	12.0		824		
12.0	13.0	4.0	2586		12.0-13.0 ft: Same as 5-8 ft.
13.0	14.0		1310		13.0-16.0 ft: fine to medium sand, 10R 5/8 mottled with 10GY 6/1. Same as 5-8 ft.
14.0	15.0				
15.0	16.0		367		
16.0	17.0	4.0	361		16.0-17.0 ft: Same as 13-16 ft.
17.0	18.0				17-18.5 ft: San (60%) and silt & clay, wet, low plasticity, good dilatancy, very soft, fine
18.0	19.0		236		-medium sand, angular, 10R 5/8 mottled with 10GY 6/1.
19.0	20.0		204		18.5-20.0 ft: Wet, free water in core. Same as 17-18.5.

Cont'd on page 2

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-38 Project/No. OH004000.NC04.11303 Page 2 of 3

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
20.0	21.0	4.0	247		20.0-24.0 ft: Same as 18.5-20 ft.
21.0	22.0		171		
22.0	23.0				
23.0	24.0		203		
24.0	25.0	4.0	532		24.0-26.5 ft: Silt & clay (60%) and sand, slow dilatancy. Same as 18.5-20 ft.
25.0	26.0				26.5-28.0 ft: Sand (60%) and silt & clay, relict structures. Same as 18.5-20 ft.
26.0	27.0		195		Coarse 2inch seam at 26.7 ft, 70% fine-medium sand.
27.0	28.0		223		
28.0	29.0	4.0	197		28.0-32.0 ft: 2.5YR 6/8 mottled with 2.5Y 6/6. Same as 18.5-20 ft.
29.0	30.0				Coarse 1 inch seam at 29.5 ft
30.0	31.0		345		
31.0	32.0		210		
32.0	33.0	4.0	337		32.0-36.0 ft: Same as 28-32 ft
33.0	34.0				
34.0	35.0		515		
35.0	36.0		576		
36.0	37.0	4.0	229		36.0-40.0 ft: Fine sand. Same as 28-32 ft.
37.0	38.0				
38.0	39.0		382		
39.0	40.0		636		
40.0	41.0	4.0	159		40.0-44.0 ft: Same as 36-40 ft.
41.0	42.0				
42.0	43.0		240		
43.0	44.0		344		
44.0	45.0	4.0			44.0-48.0 ft: Same as 36-40 ft.
45.0	46.0				PID un-operable
46.0	47.0				
47.0	48.0				
48.0	49.0	4.0			48.0-49.0 ft: Same as 36-40 ft.
49.0	50.0				49.0-51.0 ft: Sand (70%) with some silt & clay, very soft, fine sand. Same as 36-40 ft.
50.0	51.0				51.0-52.0 ft: Same as 36-40 ft.
51.0	52.0				
52.0	53.0	4.0			52.0-56.0 ft: Same asa 36-40 ft.
53.0	54.0				
54.0	55.0				
55.0	56.0				
56.0	57.0	4.0			56.0-60.0 ft: Same as 36-40 ft.
57.0	58.0				
58.0	59.0				Coarse 2 inch seam with water at 58 ft
59.0	60.0				
60.0	61.0	4.0			60-61.5 ft: Sand (65%) with some silt & clay, no plasticity, rapid dilatancy, fine-coarse

Cont'd on page 3

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Wel SB-38 Project/No. OH004000.NC04.11303 Page 3 of 3

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
61.0	62.0	4.0			(Cont'd from page 2) sand (w/ trace pebbles), 5Y 8/3.
62.0	63.0				Coarse 2 inch seam with sand and gravel at 60 ft
63.0	64.0				61.5-64.0 ft: Same as 36-40 ft.
64.0	65.0	4.0			64.0-66.5 ft: Same as 36-40 ft.
65.0	66.0				66.5-68.0 ft: Very firm. Same as 36-40 ft.
66.0	67.0				Coarse 2 inch seam with sand at 67.3 and 68 ft.
67.0	68.0				
68.0	69.0	4.0			68.0-70.5 ft: Sand 65% with some silt & clay, wet, no plasticity, slow dilatancy, fine-
69.0	70.0				coarse sand, 5Y 6/3. Relict mineral grains coarsening with depth.
70.0	71.0				70.5-72.0 ft: 5Y 7/6 mottled with 5Y 8/3.
71.0	72.0				
					Bottom of Boring at 72.0 ft

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well: SB-45 Project/No. OH004000.NC04.11302 Page 1 of 2

Site Location: 2804 Patterson St, Greensboro NC Drilling Started 11/23/2010 Drilling Completed 11/23/2010

Drilling Contractor: Parrott-Wolff Inc. Driller: Gary Ellingworth Helper: Rick Bunker

Drilling Fluid Used: NA Drilling Method: Direct Push

Length and Diameter of Coring Device: 4 ft. x 3 in. Sampling Interval: Continuous feet

Land-Surface Elev.: feet ☐ Surveyed ☐ Estimated Datum: Land surface

Total Depth Drilled: 40.0 Feet Hole Diameter 3 in. Coring Device: Macro-core sampler

Prepared By: Mathew Webb Hammer Weight: NA Hammer Drop: NA ins.

Sampling Data:

Depth (feet)	Grab/Composite	Matrix	Time	Laboratory Analysis
7.0	Grab	soil	9:10	VOCs, SVOCs, EPH, VPH, Soil moisture
10.0	Grab	soil	9:30	VOCs, SVOCs, EPH, VPH, Soil moisture
17.0	Grab	soil	10:10	VOCs, SVOCs, EPH, VPH, Soil moisture
18.0 - 22.0	Grab	water	8:55	VOCs
24.0	Grab	soil	10:30	VOCs, SVOCs, EPH, VPH, Soil moisture
27.0	Grab	soil	10:45	VOCs, SVOCs, EPH, VPH, Soil moisture
37.0	Grab	soil	11:00	VOCs, SVOCs, EPH, VPH, Soil moisture
37.0 - 40.0	Grab	water	10:05	VOCs

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
0.0	1.0	NA			0.0-1.5 ft: Concrete.
1.0	2.0				1.5-5.0 ft: Silt/clay (80%) with little fine sand, moist, low plasticity, no dilatancy,
2.0	3.0				firm, 5YR 5/8
3.0	4.0				
4.0	5.0				
5.0	6.0	3.0			5.0-7.0 ft: Same as 1.5-5.0.
6.0	7.0		1100		
7.0	8.0		1059		7.0-8.0: 5YR 5/8 mottled with 5Y 4/8. Same as 1.5-5 ft.
8.0	9.0	4.0			8.0-10.0 ft: 5YR 5/8 mottled with 2.5Y 7/6. Relict structures apparent. Same as 1.5-5 ft.
9.0	10.0		3066		
10.0	11.0		565		10.0-12.0 ft: 5YR 5/8 mottled with 2.5Y 7/6. Same as 8-10 ft.
11.0	12.0				
12.0	13.0	4.0			12.0-16.0 ft: Same as 10-12 ft.
13.0	14.0		885		
14.0	15.0		556		
15.0	16.0				
16.0	17.0	2.0	735		16.0-18.0 ft: Same as 10-12 ft.
17.0	18.0				Wet at 18.0 ft.
18.0	19.0	4.0			No core collected. Hydropunch advanced over this interval.
19.0	20.0				
20.0	21.0				
21.0	22.0				

Cont'd on page 2

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-45 Project/No. OH004000.NC04.11303 Page 2 of 2

Soil Characterization:

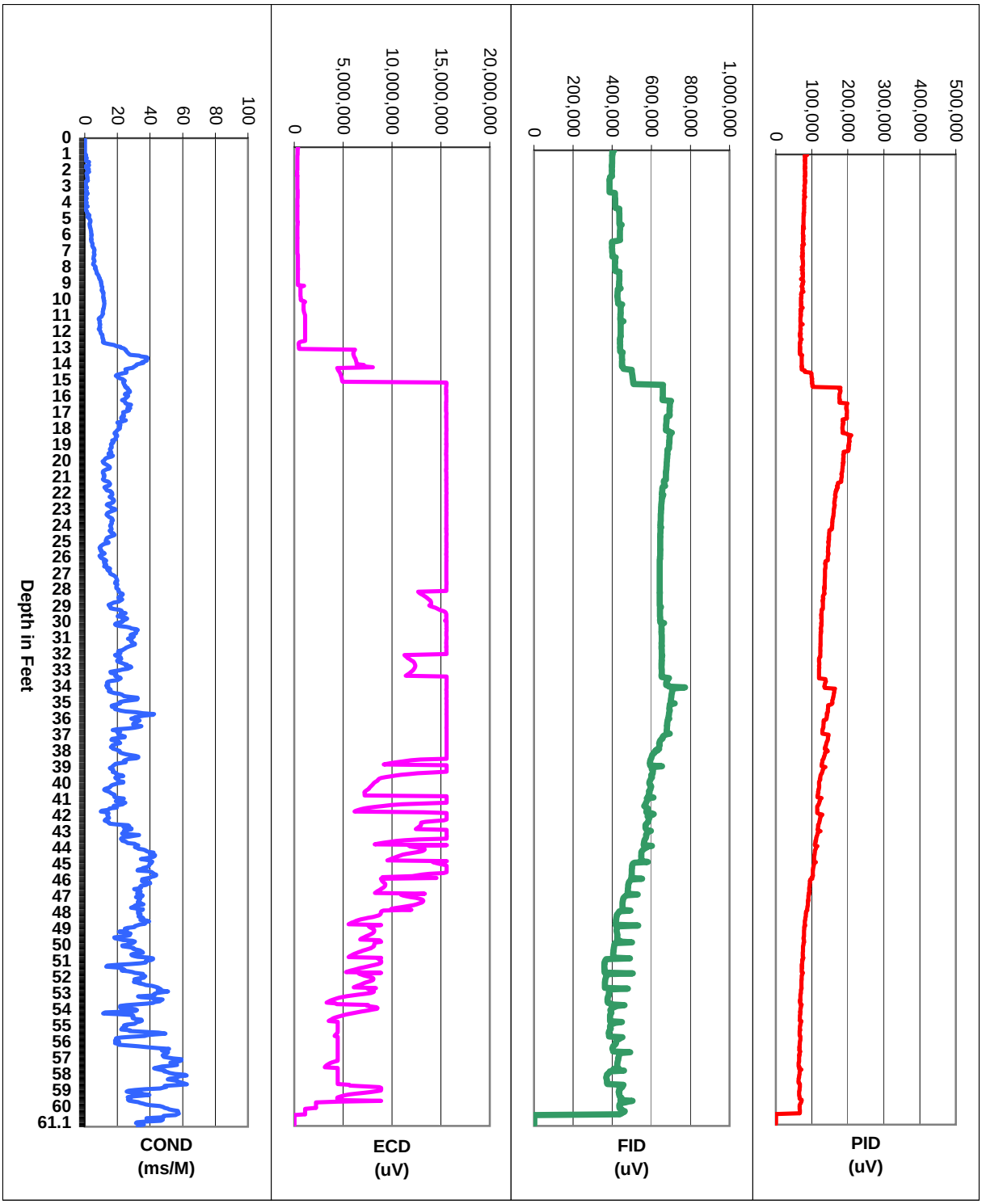
Sample/Core Depth (Feet bls) From	To	Core Recovery (Feet)	OVM Reading (ppm)	Blow Counts per 6 Inches	Sample/Core Description
22.0	23.0	4.0	127		22.0-24.0 ft: 2.5YR 4/8 mottled with 5G 6/2. Same as 10-12 ft
23.0	24.0				24.0-25.0 ft: Fine-medium sand (60%) and silt & clay, wet, low plasticity, very
24.0	25.0		449		soft, 2.5YR 4/8 mottled with 5G 6/2. Relict structures apparent.
25.0	26.0	4.0	365		25.0-27.0 ft: Soft, 2.5YR 4/8 mottled with 2.5Y 7/6. Same as 24-25 ft.
26.0	27.0				
27.0	28.0		466		27.0-28.0 ft: 10YR 5/6 mottled with 2.5Y 7/6. Same as 25-27 ft.
28.0	29.0	4.0			28.0-29.0 ft: Sand with silt, soft. Same as 27-28 ft.
29.0	30.0		196		28.0-29.0 Silt/clay (70%) with some sand. Same as 27-28 ft.
30.0	31.0				30.0-32.0 ft: Same as 27-28 ft.
31.0	32.0		252		
32.0	33.0	4.0	567		32.0-26.0 ft: Same as 27-28 ft.
33.0	34.0				
34.0	35.0		523		
35.0	36.0				
36.0	37.0	0.0			No core collected. Hydropunch advanced over this interval.
37.0	38.0				
38.0	39.0				
39.0	40.0				
					Bottom of boring at 40.0 feet

ARCADIS

Attachment 3

Membrane Interface Probe Logs

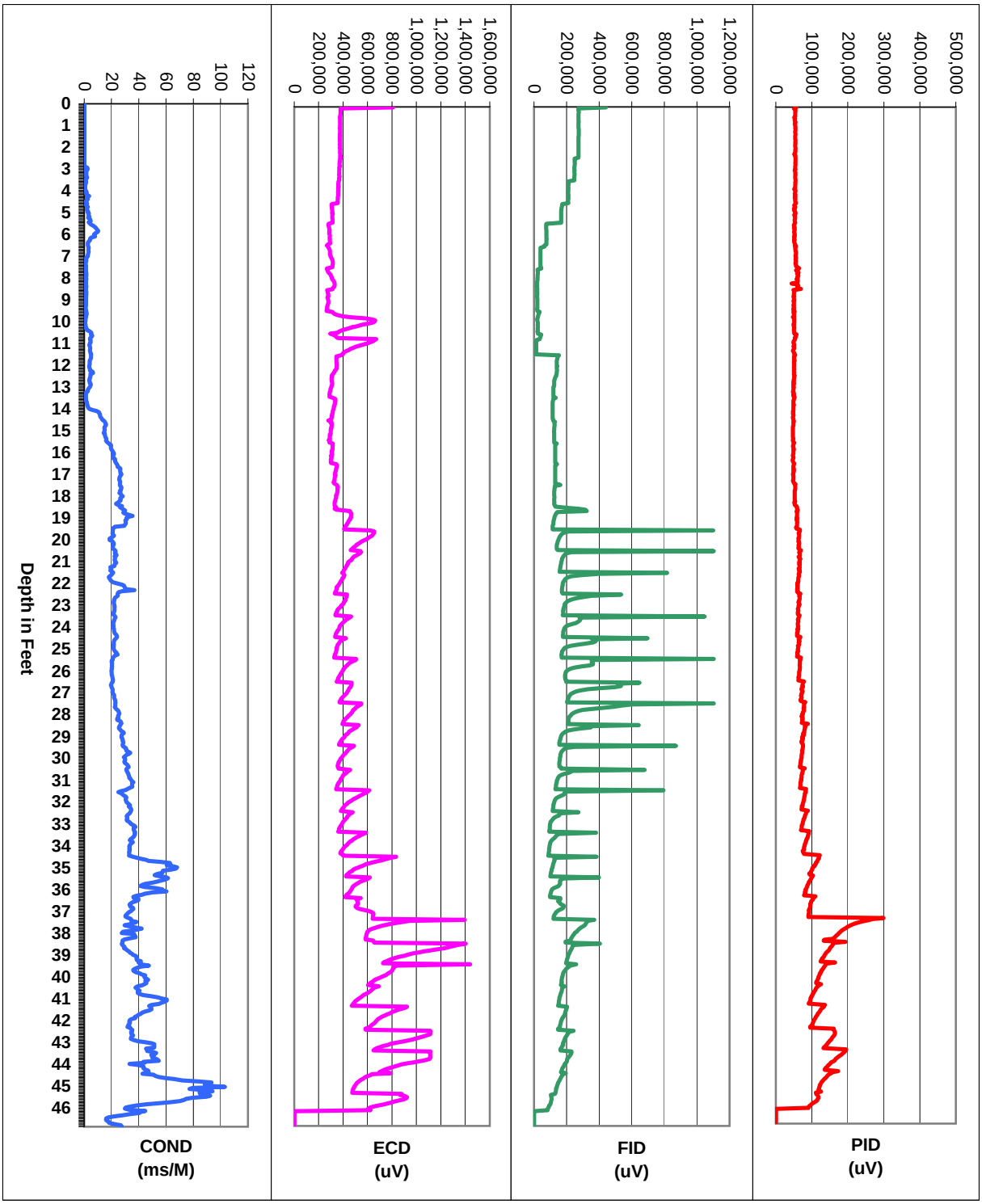
ZEBRA EC/MIP Summary Log, Point MIP1
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/15/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 1 of 0

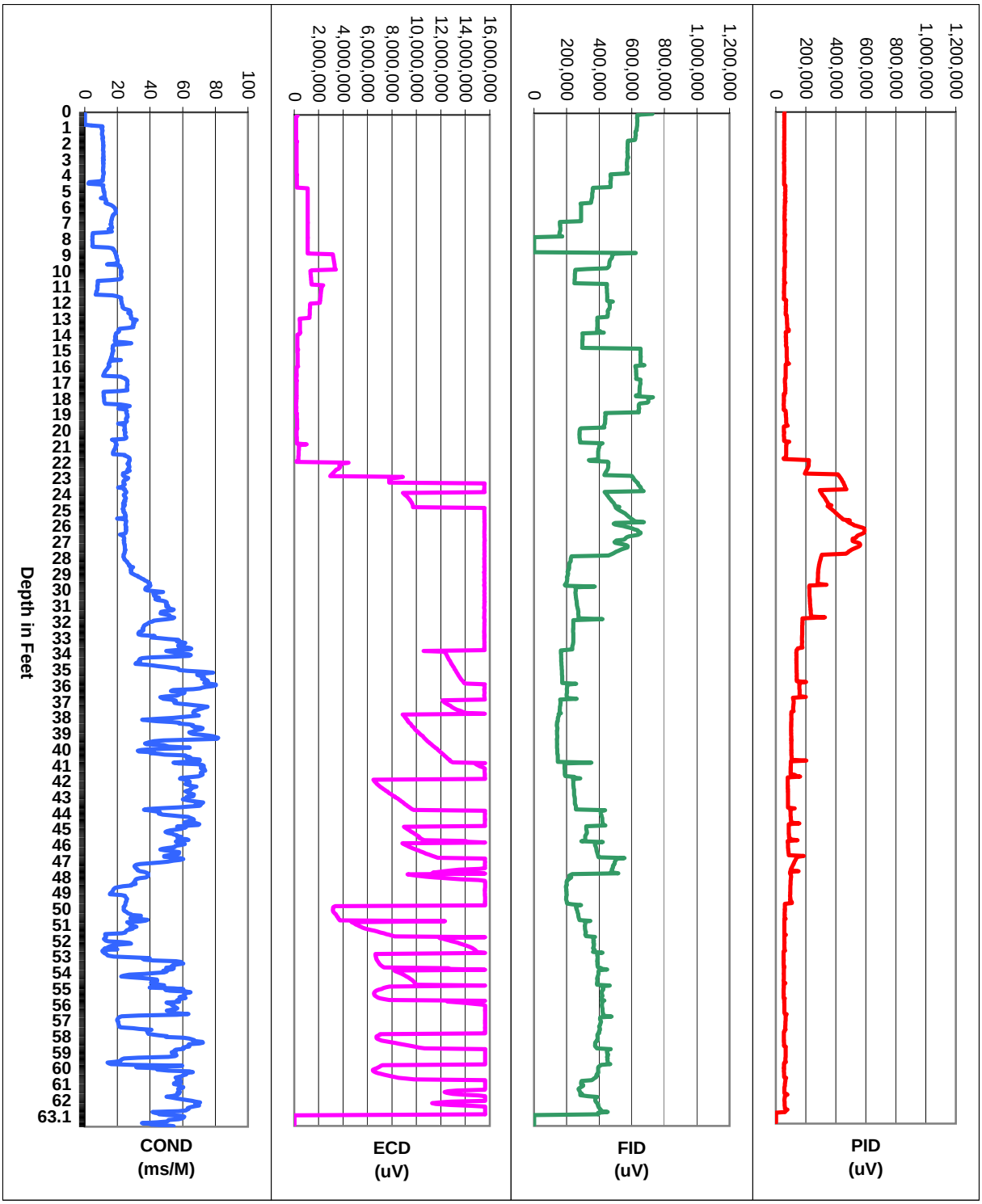
ZEBRA EC/MIP Summary Log, Point ARC2
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/15/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 2 of 0

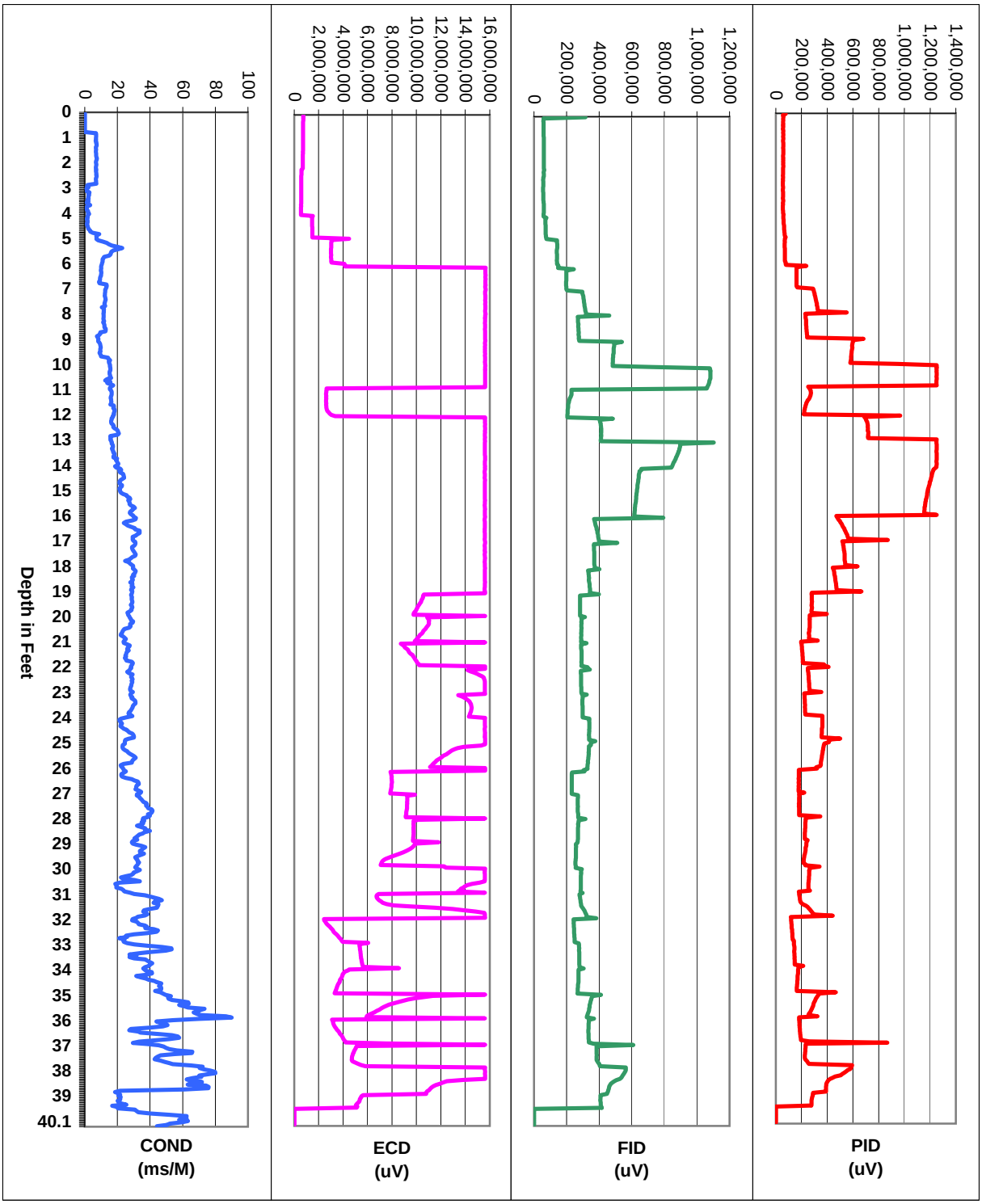
ZEBRA EC/MIP Summary Log, Point MIP03
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/16/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 3 of 0

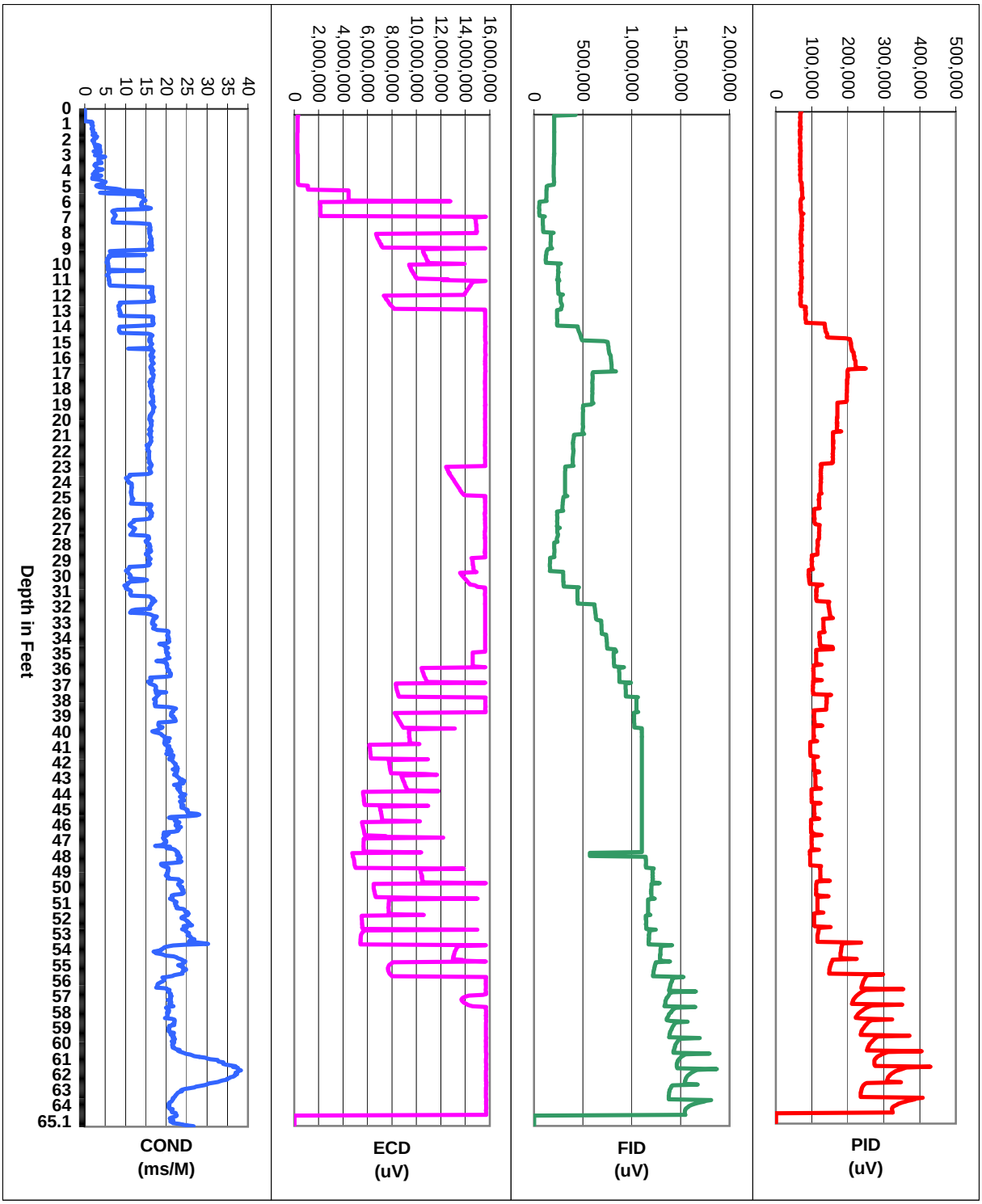
ZEBRA EC/MIP Summary Log, Point MIP04
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/17/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 4 of 0

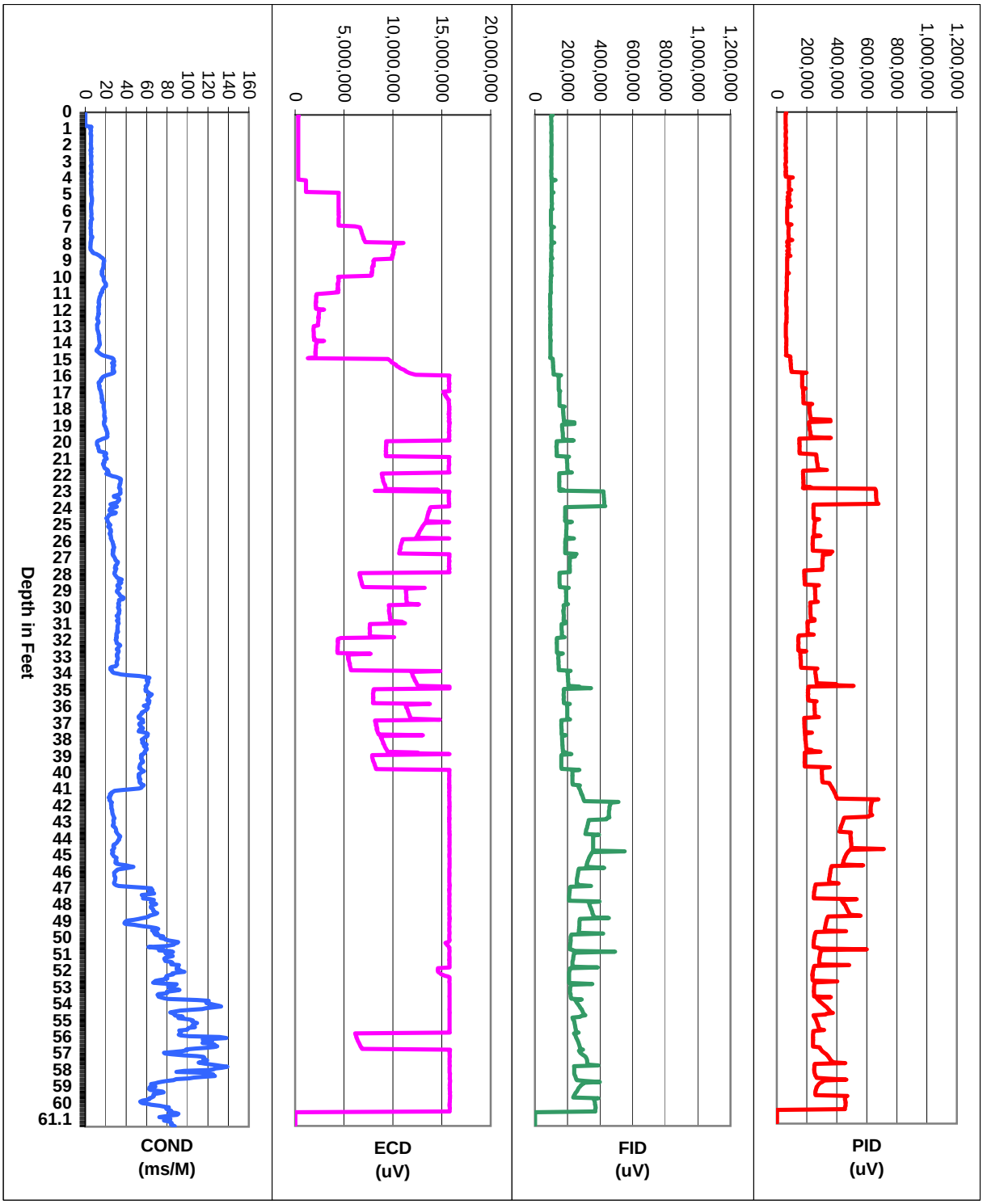
ZEBRA EC/MIP Summary Log, Point MIP05
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/16/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 5 of 0

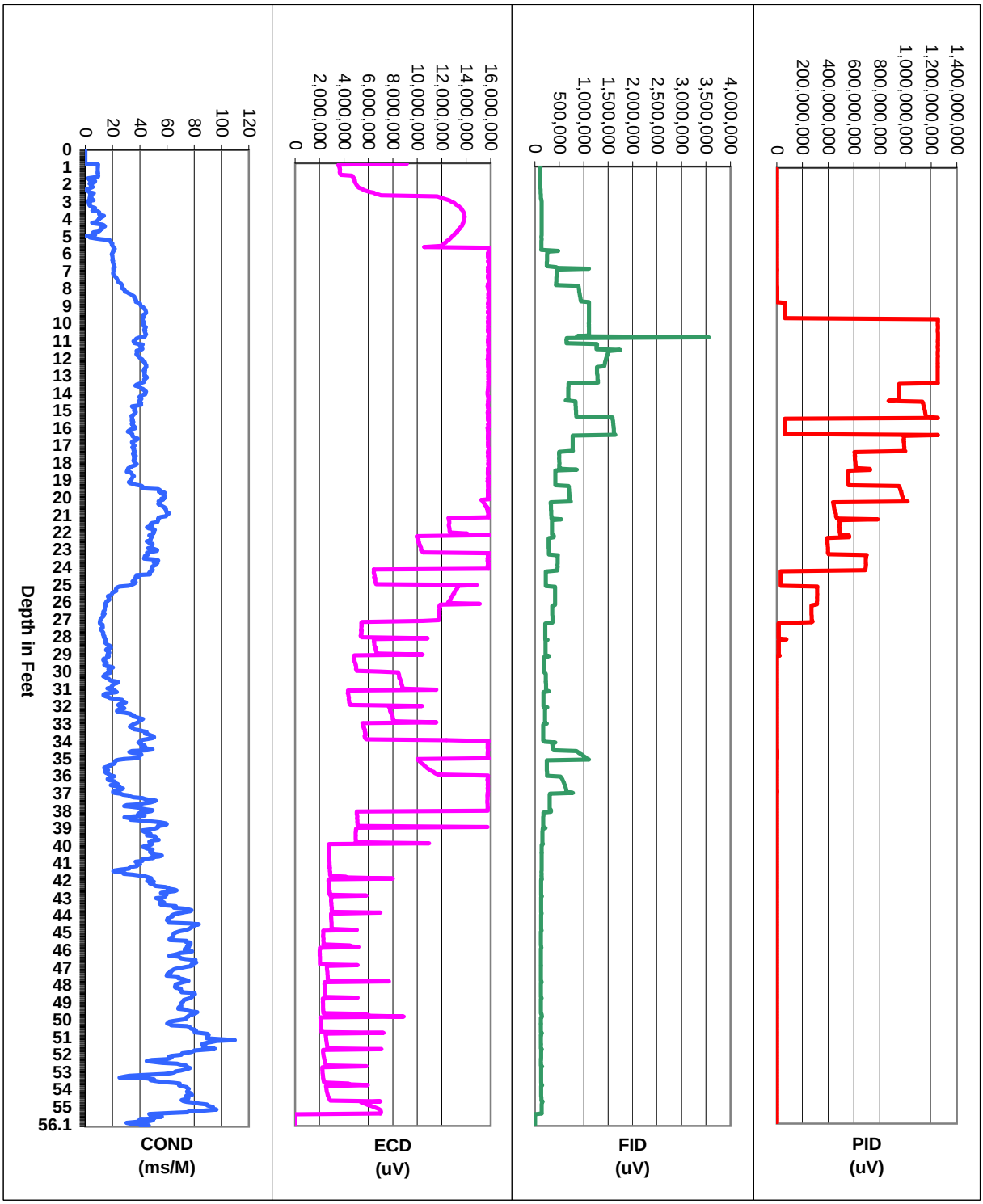
ZEBRA EC/MIP Summary Log, Point MIP19
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/19/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 19 of 0

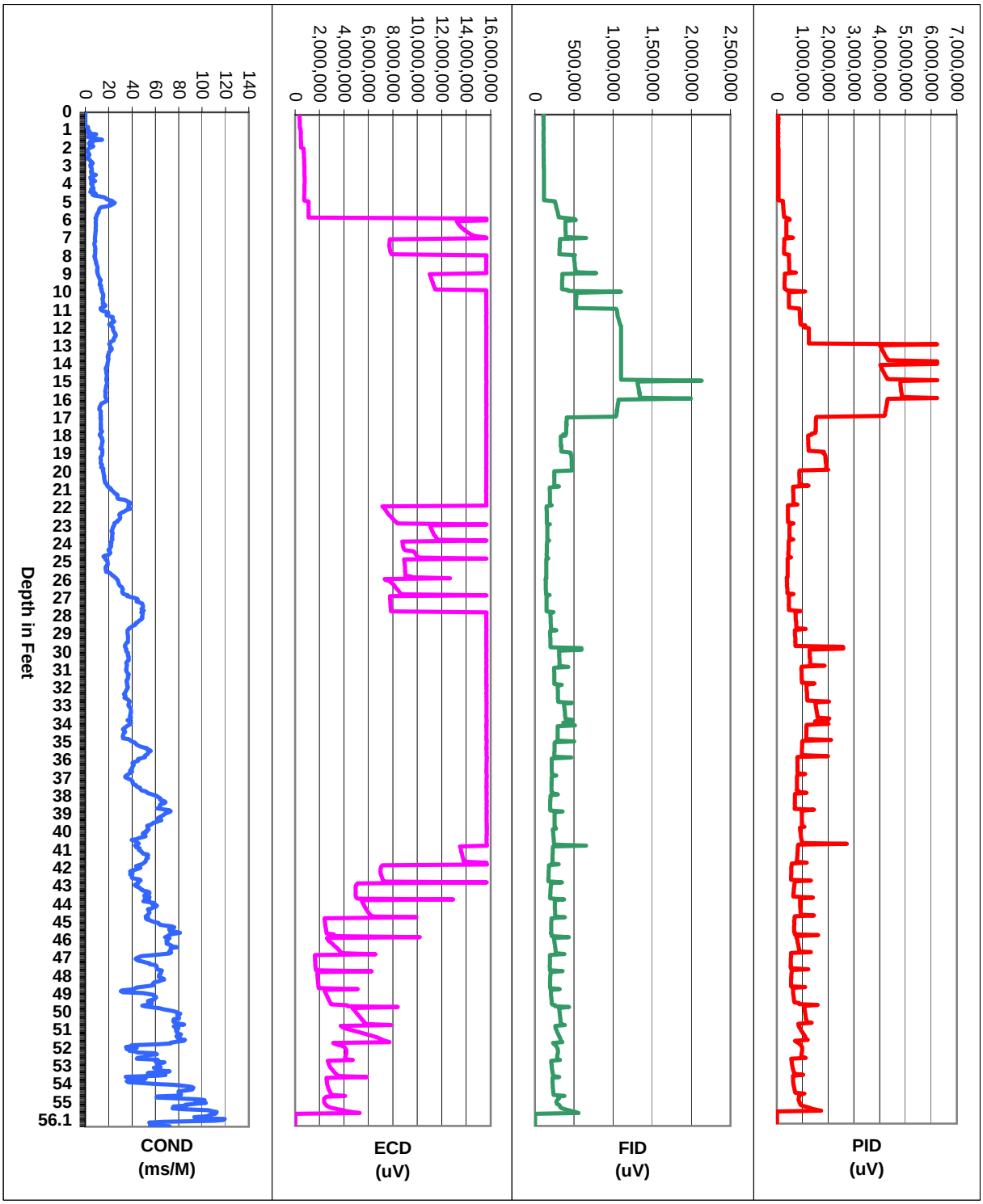
ZEBRA EC/MIP Summary Log, Point MIP20
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/19/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 20 of 0

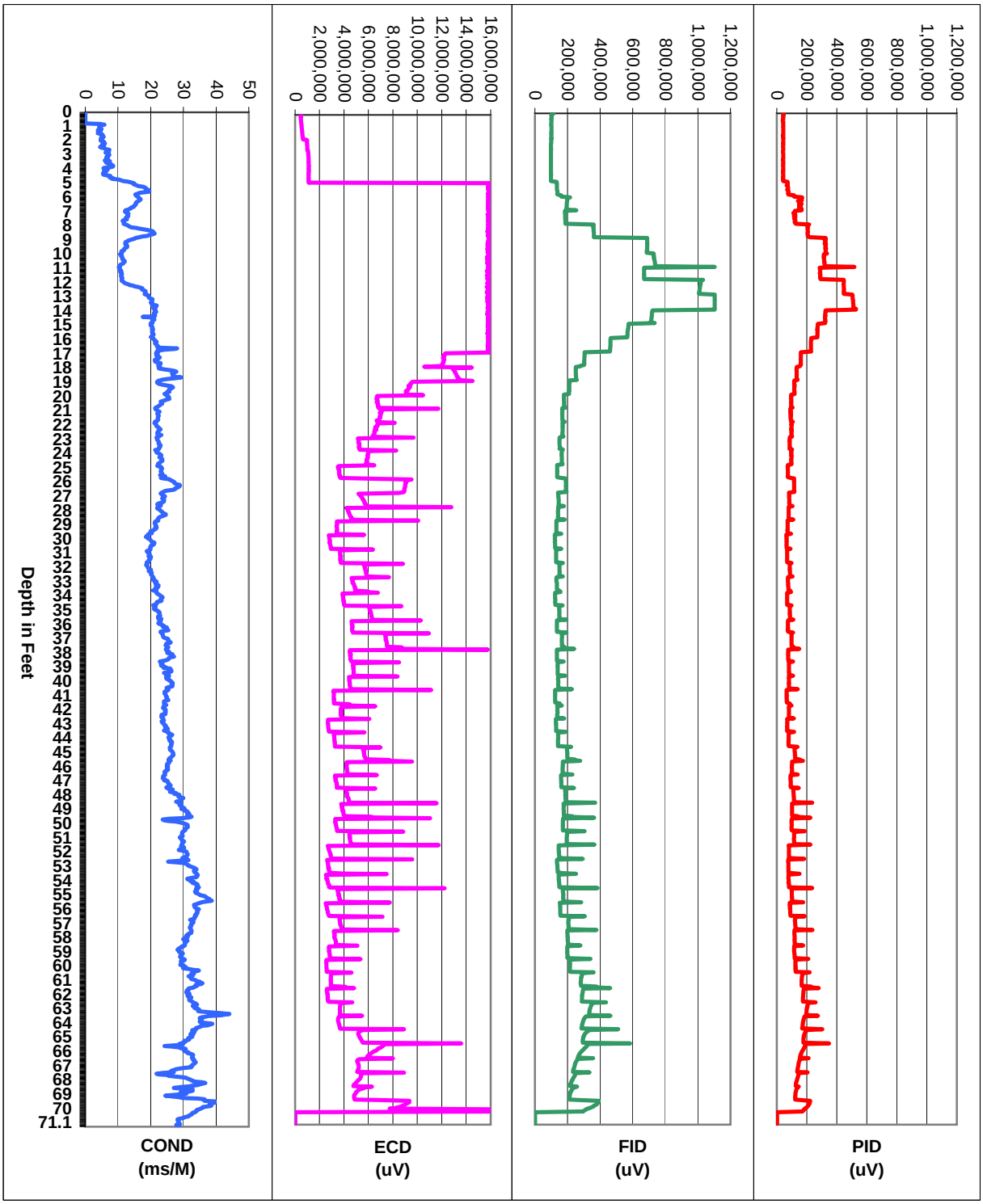
ZEBRA EC/MIP Summary Log, Point MIP21
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/20/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 21 of 0

ZEBRA EC/MIP Summary Log, Point MIP22
Greensboro, NC



for: ARCADIS
by: zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 11/20/2010
Proj. Name: Former Ashland Facility
Proj. #: DS18330
Operators: John Diamond
Point 22 of 0

ARCADIS

Attachment 4
Analytical Reports

ANALYTICAL REPORT

Job Number: 680-63484-1

Job Description: Ashland Greensboro

For:
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Attention: Mr. Don Malone

Approved for release.
Abbie G Yant
Project Manager I
12/14/2010 3:20 PM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com
12/14/2010

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

Comments
No additional comments.

Receipt
Method(s) 8260B: The following sample(s) submitted for volatiles analysis was received with insufficient preservation (pH >2): SB-26-16GW (680-63484-21).

All other samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 187998 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: SB-26-20 (680-63484-17), SB-26-29 (680-63484-18). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Method(s) 8260B: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: SB-27-10.5 (680-63484-2), SB-27-14 (680-63484-3), SB-27-16 (680-63484-4), SB-27-18 (680-63484-5), SB-45-10 (680-63484-9), SB-45-17 (680-63484-10), SB-45-24 (680-63484-11), SB-45-27 (680-63484-12), SB-45-37 (680-63484-13), SB-45-7 (680-63484-8).

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 188140 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The method blank for batch 188140 contained acetone above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following sample(s) was diluted due to the abundance of target analytes: SB-27-14 (680-63484-3), SB-27-16 (680-63484-4), SB-45-17 (680-63484-10). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 4 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 187634 had 1analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: Surrogate 2,4,6-Tribromophenol recovery for the blank associated with batch 187634 was outside recovery limits, slight low-bias. All other batch QC and associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC VOA
Method(s) MAVPH: The surrogates for samples SB-45-10 (680-63484-9), SB-45-7 (680-63484-8) were outside acceptance limits due to matrix interference.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep

Method(s) 5035: The Encore vials submitted for the following sample(s) contained significantly less than 5 grams: SB-26-20 (680-63484-17), SB-26-36 (680-63484-19).

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 680-63484-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Closed System Purge and Trap	TAL SAV		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Microwave Extraction	TAL SAV		SW846 3546
Massachusetts - Volatile Petroleum Hydrocarbons (GC)	TAL PEN	MA DEP MAVPH	
Closed System Purge and Trap	TAL PEN		SW846 5035
Massachusetts - Extractable Petroleum Hydrocarbons (GC)	TAL PEN	MA DEP MA-EPH	
Automated Soxhlet Extraction	TAL PEN		SW846 3541
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030B

Lab References:

TAL PEN = TestAmerica Pensacola

TAL SAV = TestAmerica Savannah

Method References:

MA DEP = Massachusetts Department Of Environmental Protection

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB
SW846 8260B	Sokolin, Eleina	ES
SW846 8270C	Haynes, Carion	CRH
MA DEP MAVPH	Lee, Jefferson	JL
MA DEP MA-EPH	Ayers, Kim	KA

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 680-63484-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-63484-1	SB-27-6	Solid	11/22/2010 1140	11/24/2010 0938
680-63484-2	SB-27-10.5	Solid	11/22/2010 1155	11/24/2010 0938
680-63484-3	SB-27-14	Solid	11/22/2010 1220	11/24/2010 0938
680-63484-4	SB-27-16	Solid	11/22/2010 1235	11/24/2010 0938
680-63484-5	SB-27-18	Solid	11/22/2010 1300	11/24/2010 0938
680-63484-6	SB-27-48GW	Water	11/22/2010 1500	11/24/2010 0938
680-63484-7	SB-27-22GW	Water	11/22/2010 1635	11/24/2010 0938
680-63484-8	SB-45-7	Solid	11/23/2010 0910	11/24/2010 0938
680-63484-9	SB-45-10	Solid	11/23/2010 0930	11/24/2010 0938
680-63484-10	SB-45-17	Solid	11/23/2010 1010	11/24/2010 0938
680-63484-11	SB-45-24	Solid	11/23/2010 1030	11/24/2010 0938
680-63484-12	SB-45-27	Solid	11/23/2010 1045	11/24/2010 0938
680-63484-13	SB-45-37	Solid	11/23/2010 1100	11/24/2010 0938
680-63484-14	SB-45-22GW	Water	11/23/2010 0855	11/24/2010 0938
680-63484-15	SB-45-40GW	Water	11/23/2010 1005	11/24/2010 0938
680-63484-16	SB-26-9	Solid	11/23/2010 1345	11/24/2010 0938
680-63484-17	SB-26-20	Solid	11/23/2010 1420	11/24/2010 0938
680-63484-18	SB-26-29	Solid	11/23/2010 1450	11/24/2010 0938
680-63484-19	SB-26-36	Solid	11/23/2010 1505	11/24/2010 0938
680-63484-20	SB-26-46	Solid	11/23/2010 1620	11/24/2010 0938
680-63484-21	SB-26-16GW	Water	11/23/2010 1400	11/24/2010 0938
680-63484-22	SB-26-40GW	Water	11/23/2010 1520	11/24/2010 0938
680-63484-23	Trip Blank	Water	11/22/2010 0000	11/24/2010 0938

SAMPLE RESULTS

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-6**
Lab Sample ID: **680-63484-1**

Date Sampled: 11/22/2010 1140
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 1754	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<220		ug/Kg	220	40
Bromomethane	<220		ug/Kg	220	40
Vinyl chloride	<220		ug/Kg	220	40
Chloroethane	<220		ug/Kg	220	40
Methylene Chloride	1300		ug/Kg	220	40
Acetone	13000		ug/Kg	2200	40
Carbon disulfide	<220		ug/Kg	220	40
1,1-Dichloroethene	590		ug/Kg	220	40
1,1-Dichloroethane	<220		ug/Kg	220	40
cis-1,2-Dichloroethene	<220		ug/Kg	220	40
trans-1,2-Dichloroethene	<220	*	ug/Kg	220	40
Chloroform	<220		ug/Kg	220	40
1,2-Dichloroethane	<220		ug/Kg	220	40
2-Butanone (MEK)	1300		ug/Kg	1100	40
1,1,1-Trichloroethane	280		ug/Kg	220	40
Carbon tetrachloride	<220		ug/Kg	220	40
Dichlorobromomethane	<220		ug/Kg	220	40
1,1,2,2-Tetrachloroethane	<220		ug/Kg	220	40
1,2-Dichloropropane	<220		ug/Kg	220	40
trans-1,3-Dichloropropene	<220		ug/Kg	220	40
Trichloroethene	<220		ug/Kg	220	40
Chlorodibromomethane	<220		ug/Kg	220	40
1,1,2-Trichloroethane	<220		ug/Kg	220	40
Benzene	310		ug/Kg	220	40
cis-1,3-Dichloropropene	<220		ug/Kg	220	40
Bromoform	<220		ug/Kg	220	40
2-Hexanone	<1100		ug/Kg	1100	40
4-Methyl-2-pentanone (MIBK)	<1100		ug/Kg	1100	40
Tetrachloroethene	1100		ug/Kg	220	40
1,2-Dichlorobenzene	<220		ug/Kg	220	40
Toluene	8000		ug/Kg	220	40
Chlorobenzene	<220		ug/Kg	220	40
Ethylbenzene	490		ug/Kg	220	40
Styrene	<220		ug/Kg	220	40
Xylenes, Total	2500		ug/Kg	440	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	82	%	65 - 130
4-Bromofluorobenzene	93	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-6**
Lab Sample ID: **680-63484-1**

Date Sampled: 11/22/2010 1140
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	79		%	65 - 130	
Method: 8270C			Date Analyzed:	12/06/2010 1904	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<490		ug/Kg	490	1.0
Acenaphthylene	<490		ug/Kg	490	1.0
Anthracene	<490		ug/Kg	490	1.0
Benzo[a]anthracene	<490		ug/Kg	490	1.0
Benzo[b]fluoranthene	<490		ug/Kg	490	1.0
Benzo[k]fluoranthene	<490		ug/Kg	490	1.0
Benzo[g,h,i]perylene	<490		ug/Kg	490	1.0
Benzo[a]pyrene	<490		ug/Kg	490	1.0
Bis(2-chloroethoxy)methane	<490		ug/Kg	490	1.0
Bis(2-chloroethyl)ether	<490		ug/Kg	490	1.0
Bis(2-ethylhexyl) phthalate	<490		ug/Kg	490	1.0
4-Bromophenyl phenyl ether	<490		ug/Kg	490	1.0
Butyl benzyl phthalate	<490		ug/Kg	490	1.0
Carbazole	<490		ug/Kg	490	1.0
4-Chloroaniline	<980		ug/Kg	980	1.0
4-Chloro-3-methylphenol	<490		ug/Kg	490	1.0
2-Chloronaphthalene	<490		ug/Kg	490	1.0
2-Chlorophenol	<490		ug/Kg	490	1.0
4-Chlorophenyl phenyl ether	<490		ug/Kg	490	1.0
Chrysene	<490		ug/Kg	490	1.0
Dibenz(a,h)anthracene	<490		ug/Kg	490	1.0
Dibenzofuran	<490		ug/Kg	490	1.0
Di-n-butyl phthalate	<490		ug/Kg	490	1.0
1,2-Dichlorobenzene	<490		ug/Kg	490	1.0
1,3-Dichlorobenzene	<490		ug/Kg	490	1.0
1,4-Dichlorobenzene	<490		ug/Kg	490	1.0
3,3'-Dichlorobenzidine	<980	*	ug/Kg	980	1.0
2,4-Dichlorophenol	<490		ug/Kg	490	1.0
Diethyl phthalate	<490		ug/Kg	490	1.0
2,4-Dimethylphenol	<490		ug/Kg	490	1.0
Dimethyl phthalate	<490		ug/Kg	490	1.0
4,6-Dinitro-2-methylphenol	<2500		ug/Kg	2500	1.0
2,4-Dinitrophenol	<2500		ug/Kg	2500	1.0
2,4-Dinitrotoluene	<490		ug/Kg	490	1.0
2,6-Dinitrotoluene	<490		ug/Kg	490	1.0
Di-n-octyl phthalate	<490		ug/Kg	490	1.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-6**
Lab Sample ID: **680-63484-1**

Date Sampled: 11/22/2010 1140
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<490	ug/Kg	490	1.0
Fluoranthene	<490	ug/Kg	490	1.0
Fluorene	<490	ug/Kg	490	1.0
Hexachlorobenzene	<490	ug/Kg	490	1.0
Hexachlorobutadiene	<490	ug/Kg	490	1.0
Hexachlorocyclopentadiene	<490	ug/Kg	490	1.0
Hexachloroethane	<490	ug/Kg	490	1.0
Indeno[1,2,3-cd]pyrene	<490	ug/Kg	490	1.0
Isophorone	8200	ug/Kg	490	1.0
2-Methylnaphthalene	<490	ug/Kg	490	1.0
2-Methylphenol	<490	ug/Kg	490	1.0
3 & 4 Methylphenol	<490	ug/Kg	490	1.0
Naphthalene	<490	ug/Kg	490	1.0
2-Nitroaniline	<2500	ug/Kg	2500	1.0
3-Nitroaniline	<2500	ug/Kg	2500	1.0
4-Nitroaniline	<2500	ug/Kg	2500	1.0
Nitrobenzene	<490	ug/Kg	490	1.0
2-Nitrophenol	<490	ug/Kg	490	1.0
4-Nitrophenol	<2500	ug/Kg	2500	1.0
N-Nitrosodi-n-propylamine	<490	ug/Kg	490	1.0
Pentachlorophenol	<2500	ug/Kg	2500	1.0
Phenanthrene	<490	ug/Kg	490	1.0
Phenol	<490	ug/Kg	490	1.0
Pyrene	<490	ug/Kg	490	1.0
1,2,4-Trichlorobenzene	<490	ug/Kg	490	1.0
2,4,5-Trichlorophenol	<490	ug/Kg	490	1.0
2,4,6-Trichlorophenol	<490	ug/Kg	490	1.0
bis(chloroisopropyl) ether	<490	ug/Kg	490	1.0
1,4-Dioxane	1500	ug/Kg	490	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	78	%	58 - 130
2-Fluorophenol	82	%	40 - 130
Nitrobenzene-d5	76	%	46 - 130
Phenol-d5	77	%	49 - 130
Terphenyl-d14	87	%	60 - 130
2,4,6-Tribromophenol	82	%	58 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-10.5**
Lab Sample ID: **680-63484-2**

Date Sampled: 11/22/2010 1155
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 62

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 1815	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<4300		ug/Kg	4300	500
Bromomethane	<4300		ug/Kg	4300	500
Vinyl chloride	<4300		ug/Kg	4300	500
Chloroethane	<4300		ug/Kg	4300	500
Methylene Chloride	<4300		ug/Kg	4300	500
Acetone	<43000		ug/Kg	43000	500
Carbon disulfide	<4300		ug/Kg	4300	500
1,1-Dichloroethene	<4300		ug/Kg	4300	500
1,1-Dichloroethane	<4300		ug/Kg	4300	500
cis-1,2-Dichloroethene	<4300		ug/Kg	4300	500
trans-1,2-Dichloroethene	<4300	*	ug/Kg	4300	500
Chloroform	<4300		ug/Kg	4300	500
1,2-Dichloroethane	<4300		ug/Kg	4300	500
2-Butanone (MEK)	<21000		ug/Kg	21000	500
1,1,1-Trichloroethane	<4300		ug/Kg	4300	500
Carbon tetrachloride	<4300		ug/Kg	4300	500
Dichlorobromomethane	<4300		ug/Kg	4300	500
1,1,2,2-Tetrachloroethane	<4300		ug/Kg	4300	500
1,2-Dichloropropane	<4300		ug/Kg	4300	500
trans-1,3-Dichloropropene	<4300		ug/Kg	4300	500
Trichloroethene	<4300		ug/Kg	4300	500
Chlorodibromomethane	<4300		ug/Kg	4300	500
1,1,2-Trichloroethane	<4300		ug/Kg	4300	500
Benzene	<4300		ug/Kg	4300	500
cis-1,3-Dichloropropene	<4300		ug/Kg	4300	500
Bromoform	<4300		ug/Kg	4300	500
2-Hexanone	<21000		ug/Kg	21000	500
4-Methyl-2-pentanone (MIBK)	<21000		ug/Kg	21000	500
Tetrachloroethene	14000		ug/Kg	4300	500
1,2-Dichlorobenzene	<4300		ug/Kg	4300	500
Toluene	60000		ug/Kg	4300	500
Chlorobenzene	<4300		ug/Kg	4300	500
Ethylbenzene	8400		ug/Kg	4300	500
Styrene	<4300		ug/Kg	4300	500
Xylenes, Total	42000		ug/Kg	8600	500

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-10.5**
Lab Sample ID: **680-63484-2**

Date Sampled: 11/22/2010 1155
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 62

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/06/2010 1929	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<530		ug/Kg	530	1.0
Acenaphthylene	<530		ug/Kg	530	1.0
Anthracene	<530		ug/Kg	530	1.0
Benzo[a]anthracene	<530		ug/Kg	530	1.0
Benzo[b]fluoranthene	<530		ug/Kg	530	1.0
Benzo[k]fluoranthene	<530		ug/Kg	530	1.0
Benzo[g,h,i]perylene	<530		ug/Kg	530	1.0
Benzo[a]pyrene	<530		ug/Kg	530	1.0
Bis(2-chloroethoxy)methane	<530		ug/Kg	530	1.0
Bis(2-chloroethyl)ether	<530		ug/Kg	530	1.0
Bis(2-ethylhexyl) phthalate	<530		ug/Kg	530	1.0
4-Bromophenyl phenyl ether	<530		ug/Kg	530	1.0
Butyl benzyl phthalate	<530		ug/Kg	530	1.0
Carbazole	<530		ug/Kg	530	1.0
4-Chloroaniline	<1100		ug/Kg	1100	1.0
4-Chloro-3-methylphenol	<530		ug/Kg	530	1.0
2-Chloronaphthalene	<530		ug/Kg	530	1.0
2-Chlorophenol	<530		ug/Kg	530	1.0
4-Chlorophenyl phenyl ether	<530		ug/Kg	530	1.0
Chrysene	<530		ug/Kg	530	1.0
Dibenz(a,h)anthracene	<530		ug/Kg	530	1.0
Dibenzofuran	<530		ug/Kg	530	1.0
Di-n-butyl phthalate	<530		ug/Kg	530	1.0
1,2-Dichlorobenzene	1400		ug/Kg	530	1.0
1,3-Dichlorobenzene	<530		ug/Kg	530	1.0
1,4-Dichlorobenzene	<530		ug/Kg	530	1.0
3,3'-Dichlorobenzidine	<1100	*	ug/Kg	1100	1.0
2,4-Dichlorophenol	<530		ug/Kg	530	1.0
Diethyl phthalate	<530		ug/Kg	530	1.0
2,4-Dimethylphenol	<530		ug/Kg	530	1.0
Dimethyl phthalate	1000		ug/Kg	530	1.0
4,6-Dinitro-2-methylphenol	<2700		ug/Kg	2700	1.0
2,4-Dinitrophenol	<2700		ug/Kg	2700	1.0
2,4-Dinitrotoluene	<530		ug/Kg	530	1.0
2,6-Dinitrotoluene	<530		ug/Kg	530	1.0
Di-n-octyl phthalate	<530		ug/Kg	530	1.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-10.5**
Lab Sample ID: **680-63484-2**

Date Sampled: 11/22/2010 1155
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 62

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<530	ug/Kg	530	1.0
Fluoranthene	<530	ug/Kg	530	1.0
Fluorene	<530	ug/Kg	530	1.0
Hexachlorobenzene	<530	ug/Kg	530	1.0
Hexachlorobutadiene	<530	ug/Kg	530	1.0
Hexachlorocyclopentadiene	<530	ug/Kg	530	1.0
Hexachloroethane	<530	ug/Kg	530	1.0
Indeno[1,2,3-cd]pyrene	<530	ug/Kg	530	1.0
Isophorone	<530	ug/Kg	530	1.0
2-Methylnaphthalene	<530	ug/Kg	530	1.0
2-Methylphenol	<530	ug/Kg	530	1.0
3 & 4 Methylphenol	<530	ug/Kg	530	1.0
Naphthalene	<530	ug/Kg	530	1.0
2-Nitroaniline	<2700	ug/Kg	2700	1.0
3-Nitroaniline	<2700	ug/Kg	2700	1.0
4-Nitroaniline	<2700	ug/Kg	2700	1.0
Nitrobenzene	<530	ug/Kg	530	1.0
2-Nitrophenol	<530	ug/Kg	530	1.0
4-Nitrophenol	<2700	ug/Kg	2700	1.0
N-Nitrosodi-n-propylamine	<530	ug/Kg	530	1.0
Pentachlorophenol	<2700	ug/Kg	2700	1.0
Phenanthrene	<530	ug/Kg	530	1.0
Phenol	<530	ug/Kg	530	1.0
Pyrene	<530	ug/Kg	530	1.0
1,2,4-Trichlorobenzene	<530	ug/Kg	530	1.0
2,4,5-Trichlorophenol	<530	ug/Kg	530	1.0
2,4,6-Trichlorophenol	<530	ug/Kg	530	1.0
bis(chloroisopropyl) ether	<530	ug/Kg	530	1.0
1,4-Dioxane	<530	ug/Kg	530	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	81	%	58 - 130
2-Fluorophenol	81	%	40 - 130
Nitrobenzene-d5	77	%	46 - 130
Phenol-d5	77	%	49 - 130
Terphenyl-d14	95	%	60 - 130
2,4,6-Tribromophenol	89	%	58 - 130

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-14**
Lab Sample ID: **680-63484-3**

Date Sampled: 11/22/2010 1220
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 1836	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<160000		ug/Kg	160000	20000
Bromomethane	<160000		ug/Kg	160000	20000
Vinyl chloride	<160000		ug/Kg	160000	20000
Chloroethane	<160000		ug/Kg	160000	20000
Methylene Chloride	<160000		ug/Kg	160000	20000
Acetone	<1600000		ug/Kg	1600000	20000
Carbon disulfide	<160000		ug/Kg	160000	20000
1,1-Dichloroethene	<160000		ug/Kg	160000	20000
1,1-Dichloroethane	<160000		ug/Kg	160000	20000
cis-1,2-Dichloroethene	<160000		ug/Kg	160000	20000
trans-1,2-Dichloroethene	<160000	*	ug/Kg	160000	20000
Chloroform	<160000		ug/Kg	160000	20000
1,2-Dichloroethane	<160000		ug/Kg	160000	20000
2-Butanone (MEK)	<810000		ug/Kg	810000	20000
1,1,1-Trichloroethane	270000		ug/Kg	160000	20000
Carbon tetrachloride	<160000		ug/Kg	160000	20000
Dichlorobromomethane	<160000		ug/Kg	160000	20000
1,1,2,2-Tetrachloroethane	<160000		ug/Kg	160000	20000
1,2-Dichloropropane	<160000		ug/Kg	160000	20000
trans-1,3-Dichloropropene	<160000		ug/Kg	160000	20000
Trichloroethene	<160000		ug/Kg	160000	20000
Chlorodibromomethane	<160000		ug/Kg	160000	20000
1,1,2-Trichloroethane	<160000		ug/Kg	160000	20000
Benzene	<160000		ug/Kg	160000	20000
cis-1,3-Dichloropropene	<160000		ug/Kg	160000	20000
Bromoform	<160000		ug/Kg	160000	20000
2-Hexanone	<810000		ug/Kg	810000	20000
4-Methyl-2-pentanone (MIBK)	<810000		ug/Kg	810000	20000
Tetrachloroethene	220000		ug/Kg	160000	20000
1,2-Dichlorobenzene	<160000		ug/Kg	160000	20000
Toluene	1900000		ug/Kg	160000	20000
Chlorobenzene	<160000		ug/Kg	160000	20000
Ethylbenzene	280000		ug/Kg	160000	20000
Styrene	<160000		ug/Kg	160000	20000
Xylenes, Total	1300000		ug/Kg	320000	20000

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-14**
Lab Sample ID: **680-63484-3**

Date Sampled: 11/22/2010 1220
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/08/2010 0950	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<2700		ug/Kg	2700	5.0
Acenaphthylene	<2700		ug/Kg	2700	5.0
Anthracene	<2700		ug/Kg	2700	5.0
Benzo[a]anthracene	<2700		ug/Kg	2700	5.0
Benzo[b]fluoranthene	<2700		ug/Kg	2700	5.0
Benzo[k]fluoranthene	<2700		ug/Kg	2700	5.0
Benzo[g,h,i]perylene	<2700		ug/Kg	2700	5.0
Benzo[a]pyrene	<2700		ug/Kg	2700	5.0
Bis(2-chloroethoxy)methane	<2700		ug/Kg	2700	5.0
Bis(2-chloroethyl)ether	<2700		ug/Kg	2700	5.0
Bis(2-ethylhexyl) phthalate	13000		ug/Kg	2700	5.0
4-Bromophenyl phenyl ether	<2700		ug/Kg	2700	5.0
Butyl benzyl phthalate	<2700		ug/Kg	2700	5.0
Carbazole	<2700		ug/Kg	2700	5.0
4-Chloroaniline	<5400		ug/Kg	5400	5.0
4-Chloro-3-methylphenol	<2700		ug/Kg	2700	5.0
2-Chloronaphthalene	<2700		ug/Kg	2700	5.0
2-Chlorophenol	<2700		ug/Kg	2700	5.0
4-Chlorophenyl phenyl ether	<2700		ug/Kg	2700	5.0
Chrysene	<2700		ug/Kg	2700	5.0
Dibenz(a,h)anthracene	<2700		ug/Kg	2700	5.0
Dibenzofuran	<2700		ug/Kg	2700	5.0
Di-n-butyl phthalate	<2700		ug/Kg	2700	5.0
1,2-Dichlorobenzene	46000		ug/Kg	2700	5.0
1,3-Dichlorobenzene	<2700		ug/Kg	2700	5.0
1,4-Dichlorobenzene	6000		ug/Kg	2700	5.0
3,3'-Dichlorobenzidine	<5400	*	ug/Kg	5400	5.0
2,4-Dichlorophenol	<2700		ug/Kg	2700	5.0
Diethyl phthalate	<2700		ug/Kg	2700	5.0
2,4-Dimethylphenol	<2700		ug/Kg	2700	5.0
Dimethyl phthalate	5100		ug/Kg	2700	5.0
4,6-Dinitro-2-methylphenol	<14000		ug/Kg	14000	5.0
2,4-Dinitrophenol	<14000		ug/Kg	14000	5.0
2,4-Dinitrotoluene	<2700		ug/Kg	2700	5.0
2,6-Dinitrotoluene	<2700		ug/Kg	2700	5.0
Di-n-octyl phthalate	<2700		ug/Kg	2700	5.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-14**
Lab Sample ID: **680-63484-3**

Date Sampled: 11/22/2010 1220
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<2700	ug/Kg	2700	5.0
Fluoranthene	<2700	ug/Kg	2700	5.0
Fluorene	<2700	ug/Kg	2700	5.0
Hexachlorobenzene	<2700	ug/Kg	2700	5.0
Hexachlorobutadiene	<2700	ug/Kg	2700	5.0
Hexachlorocyclopentadiene	<2700	ug/Kg	2700	5.0
Hexachloroethane	<2700	ug/Kg	2700	5.0
Indeno[1,2,3-cd]pyrene	<2700	ug/Kg	2700	5.0
Isophorone	<2700	ug/Kg	2700	5.0
2-Methylnaphthalene	<2700	ug/Kg	2700	5.0
2-Methylphenol	<2700	ug/Kg	2700	5.0
3 & 4 Methylphenol	<2700	ug/Kg	2700	5.0
Naphthalene	<2700	ug/Kg	2700	5.0
2-Nitroaniline	<14000	ug/Kg	14000	5.0
3-Nitroaniline	<14000	ug/Kg	14000	5.0
4-Nitroaniline	<14000	ug/Kg	14000	5.0
Nitrobenzene	<2700	ug/Kg	2700	5.0
2-Nitrophenol	<2700	ug/Kg	2700	5.0
4-Nitrophenol	<14000	ug/Kg	14000	5.0
N-Nitrosodi-n-propylamine	<2700	ug/Kg	2700	5.0
Pentachlorophenol	<14000	ug/Kg	14000	5.0
Phenanthrene	<2700	ug/Kg	2700	5.0
Phenol	<2700	ug/Kg	2700	5.0
Pyrene	<2700	ug/Kg	2700	5.0
1,2,4-Trichlorobenzene	9300	ug/Kg	2700	5.0
2,4,5-Trichlorophenol	<2700	ug/Kg	2700	5.0
2,4,6-Trichlorophenol	<2700	ug/Kg	2700	5.0
bis(chloroisopropyl) ether	<2700	ug/Kg	2700	5.0
1,4-Dioxane	<2700	ug/Kg	2700	5.0

Surrogate				Acceptance Limits
2-Fluorobiphenyl	0	D	%	58 - 130
2-Fluorophenol	0	D	%	40 - 130
Nitrobenzene-d5	0	D	%	46 - 130
Phenol-d5	0	D	%	49 - 130
Terphenyl-d14	0	D	%	60 - 130
2,4,6-Tribromophenol	0	D	%	58 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-16**
Lab Sample ID: **680-63484-4**

Date Sampled: 11/22/2010 1235
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 1857	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<80000		ug/Kg	80000	10000
Bromomethane	<80000		ug/Kg	80000	10000
Vinyl chloride	<80000		ug/Kg	80000	10000
Chloroethane	<80000		ug/Kg	80000	10000
Methylene Chloride	<80000		ug/Kg	80000	10000
Acetone	<800000		ug/Kg	800000	10000
Carbon disulfide	<80000		ug/Kg	80000	10000
1,1-Dichloroethene	<80000		ug/Kg	80000	10000
1,1-Dichloroethane	<80000		ug/Kg	80000	10000
cis-1,2-Dichloroethene	<80000		ug/Kg	80000	10000
trans-1,2-Dichloroethene	<80000	*	ug/Kg	80000	10000
Chloroform	<80000		ug/Kg	80000	10000
1,2-Dichloroethane	<80000		ug/Kg	80000	10000
2-Butanone (MEK)	<400000		ug/Kg	400000	10000
1,1,1-Trichloroethane	190000		ug/Kg	80000	10000
Carbon tetrachloride	<80000		ug/Kg	80000	10000
Dichlorobromomethane	<80000		ug/Kg	80000	10000
1,1,2,2-Tetrachloroethane	<80000		ug/Kg	80000	10000
1,2-Dichloropropane	<80000		ug/Kg	80000	10000
trans-1,3-Dichloropropene	<80000		ug/Kg	80000	10000
Trichloroethene	<80000		ug/Kg	80000	10000
Chlorodibromomethane	<80000		ug/Kg	80000	10000
1,1,2-Trichloroethane	<80000		ug/Kg	80000	10000
Benzene	<80000		ug/Kg	80000	10000
cis-1,3-Dichloropropene	<80000		ug/Kg	80000	10000
Bromoform	<80000		ug/Kg	80000	10000
2-Hexanone	<400000		ug/Kg	400000	10000
4-Methyl-2-pentanone (MIBK)	<400000		ug/Kg	400000	10000
Tetrachloroethene	130000		ug/Kg	80000	10000
1,2-Dichlorobenzene	97000		ug/Kg	80000	10000
Toluene	870000		ug/Kg	80000	10000
Chlorobenzene	<80000		ug/Kg	80000	10000
Ethylbenzene	130000		ug/Kg	80000	10000
Styrene	<80000		ug/Kg	80000	10000
Xylenes, Total	560000		ug/Kg	160000	10000

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-16**
Lab Sample ID: **680-63484-4**

Date Sampled: 11/22/2010 1235
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/07/2010 1559	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<2700		ug/Kg	2700	5.0
Acenaphthylene	<2700		ug/Kg	2700	5.0
Anthracene	<2700		ug/Kg	2700	5.0
Benzo[a]anthracene	<2700		ug/Kg	2700	5.0
Benzo[b]fluoranthene	<2700		ug/Kg	2700	5.0
Benzo[k]fluoranthene	<2700		ug/Kg	2700	5.0
Benzo[g,h,i]perylene	<2700		ug/Kg	2700	5.0
Benzo[a]pyrene	<2700		ug/Kg	2700	5.0
Bis(2-chloroethoxy)methane	<2700		ug/Kg	2700	5.0
Bis(2-chloroethyl)ether	<2700		ug/Kg	2700	5.0
Bis(2-ethylhexyl) phthalate	12000		ug/Kg	2700	5.0
4-Bromophenyl phenyl ether	<2700		ug/Kg	2700	5.0
Butyl benzyl phthalate	<2700		ug/Kg	2700	5.0
Carbazole	<2700		ug/Kg	2700	5.0
4-Chloroaniline	<5400		ug/Kg	5400	5.0
4-Chloro-3-methylphenol	<2700		ug/Kg	2700	5.0
2-Chloronaphthalene	<2700		ug/Kg	2700	5.0
2-Chlorophenol	<2700		ug/Kg	2700	5.0
4-Chlorophenyl phenyl ether	<2700		ug/Kg	2700	5.0
Chrysene	<2700		ug/Kg	2700	5.0
Dibenz(a,h)anthracene	<2700		ug/Kg	2700	5.0
Dibenzofuran	<2700		ug/Kg	2700	5.0
Di-n-butyl phthalate	<2700		ug/Kg	2700	5.0
1,2-Dichlorobenzene	41000		ug/Kg	2700	5.0
1,3-Dichlorobenzene	<2700		ug/Kg	2700	5.0
1,4-Dichlorobenzene	4900		ug/Kg	2700	5.0
3,3'-Dichlorobenzidine	<5400	*	ug/Kg	5400	5.0
2,4-Dichlorophenol	<2700		ug/Kg	2700	5.0
Diethyl phthalate	<2700		ug/Kg	2700	5.0
2,4-Dimethylphenol	<2700		ug/Kg	2700	5.0
Dimethyl phthalate	3300		ug/Kg	2700	5.0
4,6-Dinitro-2-methylphenol	<14000		ug/Kg	14000	5.0
2,4-Dinitrophenol	<14000		ug/Kg	14000	5.0
2,4-Dinitrotoluene	<2700		ug/Kg	2700	5.0
2,6-Dinitrotoluene	<2700		ug/Kg	2700	5.0
Di-n-octyl phthalate	<2700		ug/Kg	2700	5.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-16**
Lab Sample ID: **680-63484-4**

Date Sampled: 11/22/2010 1235
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<2700	ug/Kg	2700	5.0
Fluoranthene	<2700	ug/Kg	2700	5.0
Fluorene	<2700	ug/Kg	2700	5.0
Hexachlorobenzene	<2700	ug/Kg	2700	5.0
Hexachlorobutadiene	<2700	ug/Kg	2700	5.0
Hexachlorocyclopentadiene	<2700	ug/Kg	2700	5.0
Hexachloroethane	<2700	ug/Kg	2700	5.0
Indeno[1,2,3-cd]pyrene	<2700	ug/Kg	2700	5.0
Isophorone	<2700	ug/Kg	2700	5.0
2-Methylnaphthalene	<2700	ug/Kg	2700	5.0
2-Methylphenol	<2700	ug/Kg	2700	5.0
3 & 4 Methylphenol	<2700	ug/Kg	2700	5.0
Naphthalene	<2700	ug/Kg	2700	5.0
2-Nitroaniline	<14000	ug/Kg	14000	5.0
3-Nitroaniline	<14000	ug/Kg	14000	5.0
4-Nitroaniline	<14000	ug/Kg	14000	5.0
Nitrobenzene	<2700	ug/Kg	2700	5.0
2-Nitrophenol	<2700	ug/Kg	2700	5.0
4-Nitrophenol	<14000	ug/Kg	14000	5.0
N-Nitrosodi-n-propylamine	<2700	ug/Kg	2700	5.0
Pentachlorophenol	<14000	ug/Kg	14000	5.0
Phenanthrene	<2700	ug/Kg	2700	5.0
Phenol	<2700	ug/Kg	2700	5.0
Pyrene	<2700	ug/Kg	2700	5.0
1,2,4-Trichlorobenzene	9200	ug/Kg	2700	5.0
2,4,5-Trichlorophenol	<2700	ug/Kg	2700	5.0
2,4,6-Trichlorophenol	<2700	ug/Kg	2700	5.0
bis(chloroisopropyl) ether	<2700	ug/Kg	2700	5.0
1,4-Dioxane	<2700	ug/Kg	2700	5.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	72	%	58 - 130
2-Fluorophenol	73	%	40 - 130
Nitrobenzene-d5	75	%	46 - 130
Phenol-d5	70	%	49 - 130
Terphenyl-d14	82	%	60 - 130
2,4,6-Tribromophenol	72	%	58 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-18**
Lab Sample ID: **680-63484-5**

Date Sampled: 11/22/2010 1300
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 59

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 1918	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<8400		ug/Kg	8400	1000
Bromomethane	<8400		ug/Kg	8400	1000
Vinyl chloride	<8400		ug/Kg	8400	1000
Chloroethane	<8400		ug/Kg	8400	1000
Methylene Chloride	<8400		ug/Kg	8400	1000
Acetone	<84000		ug/Kg	84000	1000
Carbon disulfide	<8400		ug/Kg	8400	1000
1,1-Dichloroethene	<8400		ug/Kg	8400	1000
1,1-Dichloroethane	<8400		ug/Kg	8400	1000
cis-1,2-Dichloroethene	<8400		ug/Kg	8400	1000
trans-1,2-Dichloroethene	<8400	*	ug/Kg	8400	1000
Chloroform	<8400		ug/Kg	8400	1000
1,2-Dichloroethane	<8400		ug/Kg	8400	1000
2-Butanone (MEK)	<42000		ug/Kg	42000	1000
1,1,1-Trichloroethane	20000		ug/Kg	8400	1000
Carbon tetrachloride	<8400		ug/Kg	8400	1000
Dichlorobromomethane	<8400		ug/Kg	8400	1000
1,1,2,2-Tetrachloroethane	<8400		ug/Kg	8400	1000
1,2-Dichloropropane	<8400		ug/Kg	8400	1000
trans-1,3-Dichloropropene	<8400		ug/Kg	8400	1000
Trichloroethene	<8400		ug/Kg	8400	1000
Chlorodibromomethane	<8400		ug/Kg	8400	1000
1,1,2-Trichloroethane	<8400		ug/Kg	8400	1000
Benzene	<8400		ug/Kg	8400	1000
cis-1,3-Dichloropropene	<8400		ug/Kg	8400	1000
Bromoform	<8400		ug/Kg	8400	1000
2-Hexanone	<42000		ug/Kg	42000	1000
4-Methyl-2-pentanone (MIBK)	<42000		ug/Kg	42000	1000
Tetrachloroethene	12000		ug/Kg	8400	1000
1,2-Dichlorobenzene	<8400		ug/Kg	8400	1000
Toluene	78000		ug/Kg	8400	1000
Chlorobenzene	<8400		ug/Kg	8400	1000
Ethylbenzene	11000		ug/Kg	8400	1000
Styrene	<8400		ug/Kg	8400	1000
Xylenes, Total	47000		ug/Kg	17000	1000

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

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Job Number: 680-63484-1

Client Sample ID: **SB-27-18**
Lab Sample ID: **680-63484-5**

Date Sampled: 11/22/2010 1300
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 59

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/06/2010 2044	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<560		ug/Kg	560	1.0
Acenaphthylene	<560		ug/Kg	560	1.0
Anthracene	<560		ug/Kg	560	1.0
Benzo[a]anthracene	<560		ug/Kg	560	1.0
Benzo[b]fluoranthene	<560		ug/Kg	560	1.0
Benzo[k]fluoranthene	<560		ug/Kg	560	1.0
Benzo[g,h,i]perylene	<560		ug/Kg	560	1.0
Benzo[a]pyrene	<560		ug/Kg	560	1.0
Bis(2-chloroethoxy)methane	<560		ug/Kg	560	1.0
Bis(2-chloroethyl)ether	<560		ug/Kg	560	1.0
Bis(2-ethylhexyl) phthalate	<560		ug/Kg	560	1.0
4-Bromophenyl phenyl ether	<560		ug/Kg	560	1.0
Butyl benzyl phthalate	<560		ug/Kg	560	1.0
Carbazole	<560		ug/Kg	560	1.0
4-Chloroaniline	<1100		ug/Kg	1100	1.0
4-Chloro-3-methylphenol	<560		ug/Kg	560	1.0
2-Chloronaphthalene	<560		ug/Kg	560	1.0
2-Chlorophenol	<560		ug/Kg	560	1.0
4-Chlorophenyl phenyl ether	<560		ug/Kg	560	1.0
Chrysene	<560		ug/Kg	560	1.0
Dibenz(a,h)anthracene	<560		ug/Kg	560	1.0
Dibenzofuran	<560		ug/Kg	560	1.0
Di-n-butyl phthalate	<560		ug/Kg	560	1.0
1,2-Dichlorobenzene	4900		ug/Kg	560	1.0
1,3-Dichlorobenzene	<560		ug/Kg	560	1.0
1,4-Dichlorobenzene	<560		ug/Kg	560	1.0
3,3'-Dichlorobenzidine	<1100	*	ug/Kg	1100	1.0
2,4-Dichlorophenol	<560		ug/Kg	560	1.0
Diethyl phthalate	<560		ug/Kg	560	1.0
2,4-Dimethylphenol	<560		ug/Kg	560	1.0
Dimethyl phthalate	680		ug/Kg	560	1.0
4,6-Dinitro-2-methylphenol	<2900		ug/Kg	2900	1.0
2,4-Dinitrophenol	<2900		ug/Kg	2900	1.0
2,4-Dinitrotoluene	<560		ug/Kg	560	1.0
2,6-Dinitrotoluene	<560		ug/Kg	560	1.0
Di-n-octyl phthalate	<560		ug/Kg	560	1.0

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Job Number: 680-63484-1

Client Sample ID: **SB-27-18**
Lab Sample ID: **680-63484-5**

Date Sampled: 11/22/2010 1300
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 59

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<560	ug/Kg	560	1.0
Fluoranthene	<560	ug/Kg	560	1.0
Fluorene	<560	ug/Kg	560	1.0
Hexachlorobenzene	<560	ug/Kg	560	1.0
Hexachlorobutadiene	<560	ug/Kg	560	1.0
Hexachlorocyclopentadiene	<560	ug/Kg	560	1.0
Hexachloroethane	<560	ug/Kg	560	1.0
Indeno[1,2,3-cd]pyrene	<560	ug/Kg	560	1.0
Isophorone	<560	ug/Kg	560	1.0
2-Methylnaphthalene	<560	ug/Kg	560	1.0
2-Methylphenol	<560	ug/Kg	560	1.0
3 & 4 Methylphenol	<560	ug/Kg	560	1.0
Naphthalene	<560	ug/Kg	560	1.0
2-Nitroaniline	<2900	ug/Kg	2900	1.0
3-Nitroaniline	<2900	ug/Kg	2900	1.0
4-Nitroaniline	<2900	ug/Kg	2900	1.0
Nitrobenzene	<560	ug/Kg	560	1.0
2-Nitrophenol	<560	ug/Kg	560	1.0
4-Nitrophenol	<2900	ug/Kg	2900	1.0
N-Nitrosodi-n-propylamine	<560	ug/Kg	560	1.0
Pentachlorophenol	<2900	ug/Kg	2900	1.0
Phenanthrene	<560	ug/Kg	560	1.0
Phenol	<560	ug/Kg	560	1.0
Pyrene	<560	ug/Kg	560	1.0
1,2,4-Trichlorobenzene	<560	ug/Kg	560	1.0
2,4,5-Trichlorophenol	<560	ug/Kg	560	1.0
2,4,6-Trichlorophenol	<560	ug/Kg	560	1.0
bis(chloroisopropyl) ether	<560	ug/Kg	560	1.0
1,4-Dioxane	<560	ug/Kg	560	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	74	%	58 - 130
2-Fluorophenol	78	%	40 - 130
Nitrobenzene-d5	72	%	46 - 130
Phenol-d5	77	%	49 - 130
Terphenyl-d14	85	%	60 - 130
2,4,6-Tribromophenol	77	%	58 - 130

Mr. Don Malone
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Suite 300
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Job Number: 680-63484-1

Client Sample ID: **SB-27-48GW**
Lab Sample ID: **680-63484-6**

Date Sampled: 11/22/2010 1500
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/02/2010 1958	
Prep Method: 5030B		Date Prepared:	12/02/2010 1958	
1,1,1-Trichloroethane	1600	ug/L	1000	1000
1,1,2,2-Tetrachloroethane	<1000	ug/L	1000	1000
1,1,2-Trichloroethane	<1000	ug/L	1000	1000
1,1-Dichloroethane	<1000	ug/L	1000	1000
1,1-Dichloroethene	9700	ug/L	1000	1000
1,2-Dichlorobenzene	<1000	ug/L	1000	1000
1,2-Dichloroethane	<1000	ug/L	1000	1000
1,2-Dichloropropane	<1000	ug/L	1000	1000
2-Butanone (MEK)	14000	ug/L	10000	1000
2-Hexanone	<10000	ug/L	10000	1000
4-Methyl-2-pentanone (MIBK)	<10000	ug/L	10000	1000
Acetone	<25000	ug/L	25000	1000
Benzene	2500	ug/L	1000	1000
Bromoform	<1000	ug/L	1000	1000
Bromomethane	<1000	ug/L	1000	1000
Carbon disulfide	<2000	ug/L	2000	1000
Carbon tetrachloride	<1000	ug/L	1000	1000
Chlorobenzene	<1000	ug/L	1000	1000
Chlorodibromomethane	<1000	ug/L	1000	1000
Chloroethane	<1000	ug/L	1000	1000
Chloroform	<1000	ug/L	1000	1000
Chloromethane	<1000	ug/L	1000	1000
cis-1,2-Dichloroethene	<1000	ug/L	1000	1000
cis-1,3-Dichloropropene	<1000	ug/L	1000	1000
Dichlorobromomethane	<1000	ug/L	1000	1000
Ethylbenzene	1900	ug/L	1000	1000
Methylene Chloride	64000	ug/L	5000	1000
Styrene	<1000	ug/L	1000	1000
Tetrachloroethene	1400	ug/L	1000	1000
Toluene	49000	ug/L	1000	1000
trans-1,2-Dichloroethene	<1000	ug/L	1000	1000
trans-1,3-Dichloropropene	<1000	ug/L	1000	1000
Trichloroethene	<1000	ug/L	1000	1000
Vinyl chloride	<1000	ug/L	1000	1000
Xylenes, Total	7600	ug/L	2000	1000

Surrogate			Acceptance Limits
4-Bromofluorobenzene	97	%	70 - 130
Dibromofluoromethane	94	%	70 - 130

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ARCADIS U.S., Inc.
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Job Number: 680-63484-1

Client Sample ID: **SB-27-48GW**
Lab Sample ID: **680-63484-6**

Date Sampled: 11/22/2010 1500
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	106	%	70 - 130	

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-22GW**
Lab Sample ID: **680-63484-7**

Date Sampled: 11/22/2010 1635
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/02/2010 2026	
Prep Method: 5030B		Date Prepared:	12/02/2010 2026	
1,1,1-Trichloroethane	12000	ug/L	1000	1000
1,1,2,2-Tetrachloroethane	<1000	ug/L	1000	1000
1,1,2-Trichloroethane	<1000	ug/L	1000	1000
1,1-Dichloroethane	<1000	ug/L	1000	1000
1,1-Dichloroethene	8300	ug/L	1000	1000
1,2-Dichlorobenzene	<1000	ug/L	1000	1000
1,2-Dichloroethane	<1000	ug/L	1000	1000
1,2-Dichloropropane	<1000	ug/L	1000	1000
2-Butanone (MEK)	<10000	ug/L	10000	1000
2-Hexanone	<10000	ug/L	10000	1000
4-Methyl-2-pentanone (MIBK)	<10000	ug/L	10000	1000
Acetone	<25000	ug/L	25000	1000
Benzene	<1000	ug/L	1000	1000
Bromoform	<1000	ug/L	1000	1000
Bromomethane	<1000	ug/L	1000	1000
Carbon disulfide	<2000	ug/L	2000	1000
Carbon tetrachloride	<1000	ug/L	1000	1000
Chlorobenzene	<1000	ug/L	1000	1000
Chlorodibromomethane	<1000	ug/L	1000	1000
Chloroethane	<1000	ug/L	1000	1000
Chloroform	<1000	ug/L	1000	1000
Chloromethane	<1000	ug/L	1000	1000
cis-1,2-Dichloroethene	<1000	ug/L	1000	1000
cis-1,3-Dichloropropene	<1000	ug/L	1000	1000
Dichlorobromomethane	<1000	ug/L	1000	1000
Ethylbenzene	3500	ug/L	1000	1000
Methylene Chloride	<5000	ug/L	5000	1000
Styrene	<1000	ug/L	1000	1000
Tetrachloroethene	2400	ug/L	1000	1000
Toluene	69000	ug/L	1000	1000
trans-1,2-Dichloroethene	<1000	ug/L	1000	1000
trans-1,3-Dichloropropene	<1000	ug/L	1000	1000
Trichloroethene	<1000	ug/L	1000	1000
Vinyl chloride	<1000	ug/L	1000	1000
Xylenes, Total	14000	ug/L	2000	1000

Surrogate			Acceptance Limits
4-Bromofluorobenzene	96	%	70 - 130
Dibromofluoromethane	94	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-27-22GW**
Lab Sample ID: **680-63484-7**

Date Sampled: 11/22/2010 1635
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	106	%	70 - 130	

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-7**
Lab Sample ID: **680-63484-8**

Date Sampled: 11/23/2010 0910
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 1939	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<12000		ug/Kg	12000	2000
Bromomethane	<12000		ug/Kg	12000	2000
Vinyl chloride	<12000		ug/Kg	12000	2000
Chloroethane	<12000		ug/Kg	12000	2000
Methylene Chloride	<12000		ug/Kg	12000	2000
Acetone	<120000		ug/Kg	120000	2000
Carbon disulfide	<12000		ug/Kg	12000	2000
1,1-Dichloroethene	<12000		ug/Kg	12000	2000
1,1-Dichloroethane	<12000		ug/Kg	12000	2000
cis-1,2-Dichloroethene	<12000		ug/Kg	12000	2000
trans-1,2-Dichloroethene	<12000	*	ug/Kg	12000	2000
Chloroform	<12000		ug/Kg	12000	2000
1,2-Dichloroethane	<12000		ug/Kg	12000	2000
2-Butanone (MEK)	<58000		ug/Kg	58000	2000
1,1,1-Trichloroethane	31000		ug/Kg	12000	2000
Carbon tetrachloride	<12000		ug/Kg	12000	2000
Dichlorobromomethane	<12000		ug/Kg	12000	2000
1,1,2,2-Tetrachloroethane	<12000		ug/Kg	12000	2000
1,2-Dichloropropane	<12000		ug/Kg	12000	2000
trans-1,3-Dichloropropene	<12000		ug/Kg	12000	2000
Trichloroethene	130000		ug/Kg	12000	2000
Chlorodibromomethane	<12000		ug/Kg	12000	2000
1,1,2-Trichloroethane	<12000		ug/Kg	12000	2000
Benzene	<12000		ug/Kg	12000	2000
cis-1,3-Dichloropropene	<12000		ug/Kg	12000	2000
Bromoform	<12000		ug/Kg	12000	2000
2-Hexanone	<58000		ug/Kg	58000	2000
4-Methyl-2-pentanone (MIBK)	<58000		ug/Kg	58000	2000
Tetrachloroethene	95000		ug/Kg	12000	2000
1,2-Dichlorobenzene	<12000		ug/Kg	12000	2000
Toluene	190000		ug/Kg	12000	2000
Chlorobenzene	<12000		ug/Kg	12000	2000
Ethylbenzene	35000		ug/Kg	12000	2000
Styrene	<12000		ug/Kg	12000	2000
Xylenes, Total	170000		ug/Kg	23000	2000

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

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Job Number: 680-63484-1

Client Sample ID: **SB-45-7**
Lab Sample ID: **680-63484-8**

Date Sampled: 11/23/2010 0910
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/06/2010 2109	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<430		ug/Kg	430	1.0
Acenaphthylene	<430		ug/Kg	430	1.0
Anthracene	<430		ug/Kg	430	1.0
Benzo[a]anthracene	<430		ug/Kg	430	1.0
Benzo[b]fluoranthene	<430		ug/Kg	430	1.0
Benzo[k]fluoranthene	<430		ug/Kg	430	1.0
Benzo[g,h,i]perylene	<430		ug/Kg	430	1.0
Benzo[a]pyrene	<430		ug/Kg	430	1.0
Bis(2-chloroethoxy)methane	<430		ug/Kg	430	1.0
Bis(2-chloroethyl)ether	<430		ug/Kg	430	1.0
Bis(2-ethylhexyl) phthalate	<430		ug/Kg	430	1.0
4-Bromophenyl phenyl ether	<430		ug/Kg	430	1.0
Butyl benzyl phthalate	<430		ug/Kg	430	1.0
Carbazole	<430		ug/Kg	430	1.0
4-Chloroaniline	<860		ug/Kg	860	1.0
4-Chloro-3-methylphenol	<430		ug/Kg	430	1.0
2-Chloronaphthalene	<430		ug/Kg	430	1.0
2-Chlorophenol	<430		ug/Kg	430	1.0
4-Chlorophenyl phenyl ether	<430		ug/Kg	430	1.0
Chrysene	<430		ug/Kg	430	1.0
Dibenz(a,h)anthracene	<430		ug/Kg	430	1.0
Dibenzofuran	<430		ug/Kg	430	1.0
Di-n-butyl phthalate	<430		ug/Kg	430	1.0
1,2-Dichlorobenzene	<430		ug/Kg	430	1.0
1,3-Dichlorobenzene	<430		ug/Kg	430	1.0
1,4-Dichlorobenzene	<430		ug/Kg	430	1.0
3,3'-Dichlorobenzidine	<860	*	ug/Kg	860	1.0
2,4-Dichlorophenol	<430		ug/Kg	430	1.0
Diethyl phthalate	<430		ug/Kg	430	1.0
2,4-Dimethylphenol	650		ug/Kg	430	1.0
Dimethyl phthalate	<430		ug/Kg	430	1.0
4,6-Dinitro-2-methylphenol	<2200		ug/Kg	2200	1.0
2,4-Dinitrophenol	<2200		ug/Kg	2200	1.0
2,4-Dinitrotoluene	<430		ug/Kg	430	1.0
2,6-Dinitrotoluene	<430		ug/Kg	430	1.0
Di-n-octyl phthalate	<430		ug/Kg	430	1.0

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Job Number: 680-63484-1

Client Sample ID: **SB-45-7**
Lab Sample ID: **680-63484-8**

Date Sampled: 11/23/2010 0910
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<430	ug/Kg	430	1.0
Fluoranthene	<430	ug/Kg	430	1.0
Fluorene	<430	ug/Kg	430	1.0
Hexachlorobenzene	<430	ug/Kg	430	1.0
Hexachlorobutadiene	<430	ug/Kg	430	1.0
Hexachlorocyclopentadiene	<430	ug/Kg	430	1.0
Hexachloroethane	<430	ug/Kg	430	1.0
Indeno[1,2,3-cd]pyrene	<430	ug/Kg	430	1.0
Isophorone	<430	ug/Kg	430	1.0
2-Methylnaphthalene	<430	ug/Kg	430	1.0
2-Methylphenol	1700	ug/Kg	430	1.0
3 & 4 Methylphenol	1500	ug/Kg	430	1.0
Naphthalene	<430	ug/Kg	430	1.0
2-Nitroaniline	<2200	ug/Kg	2200	1.0
3-Nitroaniline	<2200	ug/Kg	2200	1.0
4-Nitroaniline	<2200	ug/Kg	2200	1.0
Nitrobenzene	<430	ug/Kg	430	1.0
2-Nitrophenol	<430	ug/Kg	430	1.0
4-Nitrophenol	<2200	ug/Kg	2200	1.0
N-Nitrosodi-n-propylamine	<430	ug/Kg	430	1.0
Pentachlorophenol	<2200	ug/Kg	2200	1.0
Phenanthrene	<430	ug/Kg	430	1.0
Phenol	<430	ug/Kg	430	1.0
Pyrene	<430	ug/Kg	430	1.0
1,2,4-Trichlorobenzene	7400	ug/Kg	430	1.0
2,4,5-Trichlorophenol	<430	ug/Kg	430	1.0
2,4,6-Trichlorophenol	<430	ug/Kg	430	1.0
bis(chloroisopropyl) ether	<430	ug/Kg	430	1.0
1,4-Dioxane	<430	ug/Kg	430	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	82	%	58 - 130
2-Fluorophenol	85	%	40 - 130
Nitrobenzene-d5	85	%	46 - 130
Phenol-d5	83	%	49 - 130
Terphenyl-d14	97	%	60 - 130
2,4,6-Tribromophenol	98	%	58 - 130

Method: **MAVPH** Date Analyzed: 12/02/2010 1919
Prep Method: **5035** Date Prepared: 11/30/2010 1635

C5-C8 Aliphatics	460	mg/Kg	350	5000
C9-C12 Aliphatics	290	mg/Kg	180	5000

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-7**
Lab Sample ID: **680-63484-8**

Date Sampled: 11/23/2010 0910
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit		RL	Dilution
C9-C10 Aromatics	370		mg/Kg		98	5000
Surrogate					Acceptance Limits	
a,a,a-Trifluorotoluene (fid)	748	X	%		70 - 130	
a,a,a-Trifluorotoluene (pid)	3424	X	%		70 - 130	
Method: MA-EPH				Date Analyzed:	12/01/2010 1723	
Prep Method: 3541				Date Prepared:	11/29/2010 0817	
C9-C18 Aliphatics	71		mg/Kg		2.1	1.0
C19-C36 Aliphatics	<2.1		mg/Kg		2.1	1.0
Surrogate					Acceptance Limits	
1-Chlorooctadecane	60		%		40 - 140	
Method: MA-EPH				Date Analyzed:	12/01/2010 2100	
Prep Method: 3541				Date Prepared:	11/29/2010 0817	
C11-C22 Aromatics	6.5		mg/Kg		2.1	1.0
Surrogate					Acceptance Limits	
o-Terphenyl	92		%		40 - 140	
2-Fluorobiphenyl	73		%		40 - 140	
2-Bromonaphthalene	82		%		40 - 140	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-10**
Lab Sample ID: **680-63484-9**

Date Sampled: 11/23/2010 0930
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2000	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<3200		ug/Kg	3200	400
Bromomethane	<3200		ug/Kg	3200	400
Vinyl chloride	<3200		ug/Kg	3200	400
Chloroethane	<3200		ug/Kg	3200	400
Methylene Chloride	<3200		ug/Kg	3200	400
Acetone	<32000		ug/Kg	32000	400
Carbon disulfide	<3200		ug/Kg	3200	400
1,1-Dichloroethene	3300		ug/Kg	3200	400
1,1-Dichloroethane	<3200		ug/Kg	3200	400
cis-1,2-Dichloroethene	5300		ug/Kg	3200	400
trans-1,2-Dichloroethene	<3200	*	ug/Kg	3200	400
Chloroform	<3200		ug/Kg	3200	400
1,2-Dichloroethane	<3200		ug/Kg	3200	400
2-Butanone (MEK)	<16000		ug/Kg	16000	400
1,1,1-Trichloroethane	13000		ug/Kg	3200	400
Carbon tetrachloride	<3200		ug/Kg	3200	400
Dichlorobromomethane	<3200		ug/Kg	3200	400
1,1,2,2-Tetrachloroethane	<3200		ug/Kg	3200	400
1,2-Dichloropropane	<3200		ug/Kg	3200	400
trans-1,3-Dichloropropene	<3200		ug/Kg	3200	400
Trichloroethene	64000		ug/Kg	3200	400
Chlorodibromomethane	<3200		ug/Kg	3200	400
1,1,2-Trichloroethane	<3200		ug/Kg	3200	400
Benzene	<3200		ug/Kg	3200	400
cis-1,3-Dichloropropene	<3200		ug/Kg	3200	400
Bromoform	<3200		ug/Kg	3200	400
2-Hexanone	<16000		ug/Kg	16000	400
4-Methyl-2-pentanone (MIBK)	<16000		ug/Kg	16000	400
Tetrachloroethene	13000		ug/Kg	3200	400
1,2-Dichlorobenzene	<3200		ug/Kg	3200	400
Toluene	36000		ug/Kg	3200	400
Chlorobenzene	<3200		ug/Kg	3200	400
Ethylbenzene	<3200		ug/Kg	3200	400
Styrene	<3200		ug/Kg	3200	400
Xylenes, Total	14000		ug/Kg	6400	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-10**
Lab Sample ID: **680-63484-9**

Date Sampled: 11/23/2010 0930
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/06/2010 2134	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<520		ug/Kg	520	1.0
Acenaphthylene	<520		ug/Kg	520	1.0
Anthracene	<520		ug/Kg	520	1.0
Benzo[a]anthracene	<520		ug/Kg	520	1.0
Benzo[b]fluoranthene	<520		ug/Kg	520	1.0
Benzo[k]fluoranthene	<520		ug/Kg	520	1.0
Benzo[g,h,i]perylene	<520		ug/Kg	520	1.0
Benzo[a]pyrene	<520		ug/Kg	520	1.0
Bis(2-chloroethoxy)methane	<520		ug/Kg	520	1.0
Bis(2-chloroethyl)ether	<520		ug/Kg	520	1.0
Bis(2-ethylhexyl) phthalate	<520		ug/Kg	520	1.0
4-Bromophenyl phenyl ether	<520		ug/Kg	520	1.0
Butyl benzyl phthalate	<520		ug/Kg	520	1.0
Carbazole	<520		ug/Kg	520	1.0
4-Chloroaniline	<1000		ug/Kg	1000	1.0
4-Chloro-3-methylphenol	<520		ug/Kg	520	1.0
2-Chloronaphthalene	<520		ug/Kg	520	1.0
2-Chlorophenol	<520		ug/Kg	520	1.0
4-Chlorophenyl phenyl ether	<520		ug/Kg	520	1.0
Chrysene	<520		ug/Kg	520	1.0
Dibenz(a,h)anthracene	<520		ug/Kg	520	1.0
Dibenzofuran	<520		ug/Kg	520	1.0
Di-n-butyl phthalate	<520		ug/Kg	520	1.0
1,2-Dichlorobenzene	<520		ug/Kg	520	1.0
1,3-Dichlorobenzene	<520		ug/Kg	520	1.0
1,4-Dichlorobenzene	<520		ug/Kg	520	1.0
3,3'-Dichlorobenzidine	<1000	*	ug/Kg	1000	1.0
2,4-Dichlorophenol	<520		ug/Kg	520	1.0
Diethyl phthalate	<520		ug/Kg	520	1.0
2,4-Dimethylphenol	<520		ug/Kg	520	1.0
Dimethyl phthalate	<520		ug/Kg	520	1.0
4,6-Dinitro-2-methylphenol	<2700		ug/Kg	2700	1.0
2,4-Dinitrophenol	<2700		ug/Kg	2700	1.0
2,4-Dinitrotoluene	<520		ug/Kg	520	1.0
2,6-Dinitrotoluene	<520		ug/Kg	520	1.0
Di-n-octyl phthalate	<520		ug/Kg	520	1.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-10**
Lab Sample ID: **680-63484-9**

Date Sampled: 11/23/2010 0930
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<520	ug/Kg	520	1.0
Fluoranthene	<520	ug/Kg	520	1.0
Fluorene	<520	ug/Kg	520	1.0
Hexachlorobenzene	<520	ug/Kg	520	1.0
Hexachlorobutadiene	<520	ug/Kg	520	1.0
Hexachlorocyclopentadiene	<520	ug/Kg	520	1.0
Hexachloroethane	<520	ug/Kg	520	1.0
Indeno[1,2,3-cd]pyrene	<520	ug/Kg	520	1.0
Isophorone	<520	ug/Kg	520	1.0
2-Methylnaphthalene	<520	ug/Kg	520	1.0
2-Methylphenol	920	ug/Kg	520	1.0
3 & 4 Methylphenol	850	ug/Kg	520	1.0
Naphthalene	<520	ug/Kg	520	1.0
2-Nitroaniline	<2700	ug/Kg	2700	1.0
3-Nitroaniline	<2700	ug/Kg	2700	1.0
4-Nitroaniline	<2700	ug/Kg	2700	1.0
Nitrobenzene	<520	ug/Kg	520	1.0
2-Nitrophenol	<520	ug/Kg	520	1.0
4-Nitrophenol	<2700	ug/Kg	2700	1.0
N-Nitrosodi-n-propylamine	<520	ug/Kg	520	1.0
Pentachlorophenol	<2700	ug/Kg	2700	1.0
Phenanthrene	<520	ug/Kg	520	1.0
Phenol	<520	ug/Kg	520	1.0
Pyrene	<520	ug/Kg	520	1.0
1,2,4-Trichlorobenzene	<520	ug/Kg	520	1.0
2,4,5-Trichlorophenol	<520	ug/Kg	520	1.0
2,4,6-Trichlorophenol	<520	ug/Kg	520	1.0
bis(chloroisopropyl) ether	<520	ug/Kg	520	1.0
1,4-Dioxane	<520	ug/Kg	520	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	69	%	58 - 130
2-Fluorophenol	70	%	40 - 130
Nitrobenzene-d5	57	%	46 - 130
Phenol-d5	67	%	49 - 130
Terphenyl-d14	80	%	60 - 130
2,4,6-Tribromophenol	83	%	58 - 130

Method: **MAVPH** Date Analyzed: 12/07/2010 1113
Prep Method: **5035** Date Prepared: 11/30/2010 1635

C5-C8 Aliphatics	67	mg/Kg	22	200
C9-C12 Aliphatics	27	mg/Kg	11	200

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-10**
Lab Sample ID: **680-63484-9**

Date Sampled: 11/23/2010 0930
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit		RL	Dilution
C9-C10 Aromatics	10		mg/Kg		6.0	200
Surrogate					Acceptance Limits	
a,a,a-Trifluorotoluene (fid)	328	X	%		70 - 130	
a,a,a-Trifluorotoluene (pid)	1228	X	%		70 - 130	
Method: MA-EPH				Date Analyzed:	12/01/2010 1729	
Prep Method: 3541				Date Prepared:	11/29/2010 0817	
C9-C18 Aliphatics	<2.5		mg/Kg		2.5	1.0
C19-C36 Aliphatics	<2.5		mg/Kg		2.5	1.0
Surrogate					Acceptance Limits	
1-Chlorooctadecane	48		%		40 - 140	
Method: MA-EPH				Date Analyzed:	12/01/2010 2106	
Prep Method: 3541				Date Prepared:	11/29/2010 0817	
C11-C22 Aromatics	<2.5		mg/Kg		2.5	1.0
Surrogate					Acceptance Limits	
o-Terphenyl	78		%		40 - 140	
2-Fluorobiphenyl	82		%		40 - 140	
2-Bromonaphthalene	93		%		40 - 140	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-17**
Lab Sample ID: **680-63484-10**

Date Sampled: 11/23/2010 1010
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 59

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2021	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<3200		ug/Kg	3200	400
Bromomethane	<3200		ug/Kg	3200	400
Vinyl chloride	<3200		ug/Kg	3200	400
Chloroethane	<3200		ug/Kg	3200	400
Methylene Chloride	<3200		ug/Kg	3200	400
Acetone	<32000		ug/Kg	32000	400
Carbon disulfide	<3200		ug/Kg	3200	400
1,1-Dichloroethene	3400		ug/Kg	3200	400
1,1-Dichloroethane	<3200		ug/Kg	3200	400
cis-1,2-Dichloroethene	6000		ug/Kg	3200	400
trans-1,2-Dichloroethene	<3200	*	ug/Kg	3200	400
Chloroform	<3200		ug/Kg	3200	400
1,2-Dichloroethane	<3200		ug/Kg	3200	400
2-Butanone (MEK)	<16000		ug/Kg	16000	400
1,1,1-Trichloroethane	12000		ug/Kg	3200	400
Carbon tetrachloride	<3200		ug/Kg	3200	400
Dichlorobromomethane	<3200		ug/Kg	3200	400
1,1,2,2-Tetrachloroethane	<3200		ug/Kg	3200	400
1,2-Dichloropropane	<3200		ug/Kg	3200	400
trans-1,3-Dichloropropene	<3200		ug/Kg	3200	400
Trichloroethene	6400		ug/Kg	3200	400
Chlorodibromomethane	<3200		ug/Kg	3200	400
1,1,2-Trichloroethane	<3200		ug/Kg	3200	400
Benzene	<3200		ug/Kg	3200	400
cis-1,3-Dichloropropene	<3200		ug/Kg	3200	400
Bromoform	<3200		ug/Kg	3200	400
2-Hexanone	<16000		ug/Kg	16000	400
4-Methyl-2-pentanone (MIBK)	<16000		ug/Kg	16000	400
Tetrachloroethene	25000		ug/Kg	3200	400
1,2-Dichlorobenzene	9000		ug/Kg	3200	400
Toluene	110000		ug/Kg	3200	400
Chlorobenzene	<3200		ug/Kg	3200	400
Ethylbenzene	13000		ug/Kg	3200	400
Styrene	<3200		ug/Kg	3200	400
Xylenes, Total	59000		ug/Kg	6500	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-17**
Lab Sample ID: **680-63484-10**

Date Sampled: 11/23/2010 1010
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 59

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/07/2010 1627	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<1100		ug/Kg	1100	2.0
Acenaphthylene	<1100		ug/Kg	1100	2.0
Anthracene	<1100		ug/Kg	1100	2.0
Benzo[a]anthracene	<1100		ug/Kg	1100	2.0
Benzo[b]fluoranthene	<1100		ug/Kg	1100	2.0
Benzo[k]fluoranthene	<1100		ug/Kg	1100	2.0
Benzo[g,h,i]perylene	<1100		ug/Kg	1100	2.0
Benzo[a]pyrene	<1100		ug/Kg	1100	2.0
Bis(2-chloroethoxy)methane	<1100		ug/Kg	1100	2.0
Bis(2-chloroethyl)ether	<1100		ug/Kg	1100	2.0
Bis(2-ethylhexyl) phthalate	1900		ug/Kg	1100	2.0
4-Bromophenyl phenyl ether	<1100		ug/Kg	1100	2.0
Butyl benzyl phthalate	<1100		ug/Kg	1100	2.0
Carbazole	<1100		ug/Kg	1100	2.0
4-Chloroaniline	<2200		ug/Kg	2200	2.0
4-Chloro-3-methylphenol	<1100		ug/Kg	1100	2.0
2-Chloronaphthalene	<1100		ug/Kg	1100	2.0
2-Chlorophenol	<1100		ug/Kg	1100	2.0
4-Chlorophenyl phenyl ether	<1100		ug/Kg	1100	2.0
Chrysene	<1100		ug/Kg	1100	2.0
Dibenz(a,h)anthracene	<1100		ug/Kg	1100	2.0
Dibenzofuran	<1100		ug/Kg	1100	2.0
Di-n-butyl phthalate	<1100		ug/Kg	1100	2.0
1,2-Dichlorobenzene	11000		ug/Kg	1100	2.0
1,3-Dichlorobenzene	<1100		ug/Kg	1100	2.0
1,4-Dichlorobenzene	1300		ug/Kg	1100	2.0
3,3'-Dichlorobenzidine	<2200	*	ug/Kg	2200	2.0
2,4-Dichlorophenol	<1100		ug/Kg	1100	2.0
Diethyl phthalate	<1100		ug/Kg	1100	2.0
2,4-Dimethylphenol	<1100		ug/Kg	1100	2.0
Dimethyl phthalate	<1100		ug/Kg	1100	2.0
4,6-Dinitro-2-methylphenol	<5800		ug/Kg	5800	2.0
2,4-Dinitrophenol	<5800		ug/Kg	5800	2.0
2,4-Dinitrotoluene	<1100		ug/Kg	1100	2.0
2,6-Dinitrotoluene	<1100		ug/Kg	1100	2.0
Di-n-octyl phthalate	<1100		ug/Kg	1100	2.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-17**
Lab Sample ID: **680-63484-10**

Date Sampled: 11/23/2010 1010
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 59

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<1100	ug/Kg	1100	2.0
Fluoranthene	<1100	ug/Kg	1100	2.0
Fluorene	<1100	ug/Kg	1100	2.0
Hexachlorobenzene	<1100	ug/Kg	1100	2.0
Hexachlorobutadiene	<1100	ug/Kg	1100	2.0
Hexachlorocyclopentadiene	<1100	ug/Kg	1100	2.0
Hexachloroethane	<1100	ug/Kg	1100	2.0
Indeno[1,2,3-cd]pyrene	<1100	ug/Kg	1100	2.0
Isophorone	<1100	ug/Kg	1100	2.0
2-Methylnaphthalene	<1100	ug/Kg	1100	2.0
2-Methylphenol	<1100	ug/Kg	1100	2.0
3 & 4 Methylphenol	<1100	ug/Kg	1100	2.0
Naphthalene	<1100	ug/Kg	1100	2.0
2-Nitroaniline	<5800	ug/Kg	5800	2.0
3-Nitroaniline	<5800	ug/Kg	5800	2.0
4-Nitroaniline	<5800	ug/Kg	5800	2.0
Nitrobenzene	<1100	ug/Kg	1100	2.0
2-Nitrophenol	<1100	ug/Kg	1100	2.0
4-Nitrophenol	<5800	ug/Kg	5800	2.0
N-Nitrosodi-n-propylamine	<1100	ug/Kg	1100	2.0
Pentachlorophenol	<5800	ug/Kg	5800	2.0
Phenanthrene	<1100	ug/Kg	1100	2.0
Phenol	<1100	ug/Kg	1100	2.0
Pyrene	<1100	ug/Kg	1100	2.0
1,2,4-Trichlorobenzene	2100	ug/Kg	1100	2.0
2,4,5-Trichlorophenol	<1100	ug/Kg	1100	2.0
2,4,6-Trichlorophenol	<1100	ug/Kg	1100	2.0
bis(chloroisopropyl) ether	<1100	ug/Kg	1100	2.0
1,4-Dioxane	<1100	ug/Kg	1100	2.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	69	%	58 - 130
2-Fluorophenol	73	%	40 - 130
Nitrobenzene-d5	67	%	46 - 130
Phenol-d5	75	%	49 - 130
Terphenyl-d14	83	%	60 - 130
2,4,6-Tribromophenol	75	%	58 - 130

Method: **MAVPH** Date Analyzed: 12/07/2010 1213
Prep Method: **5035** Date Prepared: 11/30/2010 1635

C5-C8 Aliphatics	120	mg/Kg	23	200
C9-C12 Aliphatics	59	mg/Kg	12	200

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-17**
Lab Sample ID: **680-63484-10**

Date Sampled: 11/23/2010 1010
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 59

Analyte	Result/Qualifier	Unit	RL	Dilution
C9-C10 Aromatics	16	mg/Kg	6.5	200
Surrogate			Acceptance Limits	
a,a,a-Trifluorotoluene (fid)	90	%	70 - 130	
a,a,a-Trifluorotoluene (pid)	95	%	70 - 130	
Method: MA-EPH		Date Analyzed:	12/01/2010 1735	
Prep Method: 3541		Date Prepared:	11/29/2010 0817	
C9-C18 Aliphatics	3.3	mg/Kg	2.7	1.0
C19-C36 Aliphatics	12	mg/Kg	2.7	1.0
Surrogate			Acceptance Limits	
1-Chlorooctadecane	65	%	40 - 140	
Method: MA-EPH		Date Analyzed:	12/01/2010 2112	
Prep Method: 3541		Date Prepared:	11/29/2010 0817	
C11-C22 Aromatics	15	mg/Kg	2.7	1.0
Surrogate			Acceptance Limits	
o-Terphenyl	118	%	40 - 140	
2-Fluorobiphenyl	86	%	40 - 140	
2-Bromonaphthalene	97	%	40 - 140	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-24**
Lab Sample ID: **680-63484-11**

Date Sampled: 11/23/2010 1030
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2042	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<3300		ug/Kg	3300	400
Bromomethane	<3300		ug/Kg	3300	400
Vinyl chloride	<3300		ug/Kg	3300	400
Chloroethane	<3300		ug/Kg	3300	400
Methylene Chloride	<3300		ug/Kg	3300	400
Acetone	<33000		ug/Kg	33000	400
Carbon disulfide	<3300		ug/Kg	3300	400
1,1-Dichloroethene	3900		ug/Kg	3300	400
1,1-Dichloroethane	<3300		ug/Kg	3300	400
cis-1,2-Dichloroethene	3800		ug/Kg	3300	400
trans-1,2-Dichloroethene	<3300	*	ug/Kg	3300	400
Chloroform	<3300		ug/Kg	3300	400
1,2-Dichloroethane	<3300		ug/Kg	3300	400
2-Butanone (MEK)	<16000		ug/Kg	16000	400
1,1,1-Trichloroethane	<3300		ug/Kg	3300	400
Carbon tetrachloride	<3300		ug/Kg	3300	400
Dichlorobromomethane	<3300		ug/Kg	3300	400
1,1,2,2-Tetrachloroethane	<3300		ug/Kg	3300	400
1,2-Dichloropropane	<3300		ug/Kg	3300	400
trans-1,3-Dichloropropene	<3300		ug/Kg	3300	400
Trichloroethene	<3300		ug/Kg	3300	400
Chlorodibromomethane	<3300		ug/Kg	3300	400
1,1,2-Trichloroethane	<3300		ug/Kg	3300	400
Benzene	<3300		ug/Kg	3300	400
cis-1,3-Dichloropropene	<3300		ug/Kg	3300	400
Bromoform	<3300		ug/Kg	3300	400
2-Hexanone	<16000		ug/Kg	16000	400
4-Methyl-2-pentanone (MIBK)	<16000		ug/Kg	16000	400
Tetrachloroethene	<3300		ug/Kg	3300	400
1,2-Dichlorobenzene	<3300		ug/Kg	3300	400
Toluene	54000		ug/Kg	3300	400
Chlorobenzene	<3300		ug/Kg	3300	400
Ethylbenzene	<3300		ug/Kg	3300	400
Styrene	<3300		ug/Kg	3300	400
Xylenes, Total	14000		ug/Kg	6500	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-24**
Lab Sample ID: **680-63484-11**

Date Sampled: 11/23/2010 1030
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/06/2010 2224	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<540		ug/Kg	540	1.0
Acenaphthylene	<540		ug/Kg	540	1.0
Anthracene	<540		ug/Kg	540	1.0
Benzo[a]anthracene	<540		ug/Kg	540	1.0
Benzo[b]fluoranthene	<540		ug/Kg	540	1.0
Benzo[k]fluoranthene	<540		ug/Kg	540	1.0
Benzo[g,h,i]perylene	<540		ug/Kg	540	1.0
Benzo[a]pyrene	<540		ug/Kg	540	1.0
Bis(2-chloroethoxy)methane	<540		ug/Kg	540	1.0
Bis(2-chloroethyl)ether	<540		ug/Kg	540	1.0
Bis(2-ethylhexyl) phthalate	<540		ug/Kg	540	1.0
4-Bromophenyl phenyl ether	<540		ug/Kg	540	1.0
Butyl benzyl phthalate	<540		ug/Kg	540	1.0
Carbazole	<540		ug/Kg	540	1.0
4-Chloroaniline	<1100		ug/Kg	1100	1.0
4-Chloro-3-methylphenol	<540		ug/Kg	540	1.0
2-Chloronaphthalene	<540		ug/Kg	540	1.0
2-Chlorophenol	<540		ug/Kg	540	1.0
4-Chlorophenyl phenyl ether	<540		ug/Kg	540	1.0
Chrysene	<540		ug/Kg	540	1.0
Dibenz(a,h)anthracene	<540		ug/Kg	540	1.0
Dibenzofuran	<540		ug/Kg	540	1.0
Di-n-butyl phthalate	<540		ug/Kg	540	1.0
1,2-Dichlorobenzene	640		ug/Kg	540	1.0
1,3-Dichlorobenzene	<540		ug/Kg	540	1.0
1,4-Dichlorobenzene	<540		ug/Kg	540	1.0
3,3'-Dichlorobenzidine	<1100	*	ug/Kg	1100	1.0
2,4-Dichlorophenol	<540		ug/Kg	540	1.0
Diethyl phthalate	<540		ug/Kg	540	1.0
2,4-Dimethylphenol	<540		ug/Kg	540	1.0
Dimethyl phthalate	<540		ug/Kg	540	1.0
4,6-Dinitro-2-methylphenol	<2800		ug/Kg	2800	1.0
2,4-Dinitrophenol	<2800		ug/Kg	2800	1.0
2,4-Dinitrotoluene	<540		ug/Kg	540	1.0
2,6-Dinitrotoluene	<540		ug/Kg	540	1.0
Di-n-octyl phthalate	<540		ug/Kg	540	1.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-24**
Lab Sample ID: **680-63484-11**

Date Sampled: 11/23/2010 1030
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<540	ug/Kg	540	1.0
Fluoranthene	<540	ug/Kg	540	1.0
Fluorene	<540	ug/Kg	540	1.0
Hexachlorobenzene	<540	ug/Kg	540	1.0
Hexachlorobutadiene	<540	ug/Kg	540	1.0
Hexachlorocyclopentadiene	<540	ug/Kg	540	1.0
Hexachloroethane	<540	ug/Kg	540	1.0
Indeno[1,2,3-cd]pyrene	<540	ug/Kg	540	1.0
Isophorone	<540	ug/Kg	540	1.0
2-Methylnaphthalene	<540	ug/Kg	540	1.0
2-Methylphenol	1100	ug/Kg	540	1.0
3 & 4 Methylphenol	940	ug/Kg	540	1.0
Naphthalene	<540	ug/Kg	540	1.0
2-Nitroaniline	<2800	ug/Kg	2800	1.0
3-Nitroaniline	<2800	ug/Kg	2800	1.0
4-Nitroaniline	<2800	ug/Kg	2800	1.0
Nitrobenzene	<540	ug/Kg	540	1.0
2-Nitrophenol	<540	ug/Kg	540	1.0
4-Nitrophenol	<2800	ug/Kg	2800	1.0
N-Nitrosodi-n-propylamine	<540	ug/Kg	540	1.0
Pentachlorophenol	<2800	ug/Kg	2800	1.0
Phenanthrene	<540	ug/Kg	540	1.0
Phenol	<540	ug/Kg	540	1.0
Pyrene	<540	ug/Kg	540	1.0
1,2,4-Trichlorobenzene	<540	ug/Kg	540	1.0
2,4,5-Trichlorophenol	<540	ug/Kg	540	1.0
2,4,6-Trichlorophenol	<540	ug/Kg	540	1.0
bis(chloroisopropyl) ether	<540	ug/Kg	540	1.0
1,4-Dioxane	<540	ug/Kg	540	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	80	%	58 - 130
2-Fluorophenol	83	%	40 - 130
Nitrobenzene-d5	54	%	46 - 130
Phenol-d5	78	%	49 - 130
Terphenyl-d14	77	%	60 - 130
2,4,6-Tribromophenol	80	%	58 - 130

Method: **MAVPH** Date Analyzed: 12/01/2010 2259
Prep Method: **5035** Date Prepared: 11/30/2010 1635

C5-C8 Aliphatics	97	mg/Kg	89	1000
C9-C12 Aliphatics	<46	mg/Kg	46	1000

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-24**
Lab Sample ID: **680-63484-11**

Date Sampled: 11/23/2010 1030
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier	Unit	RL	Dilution
C9-C10 Aromatics	57	mg/Kg	25	1000
Surrogate			Acceptance Limits	
a,a,a-Trifluorotoluene (fid)	105	%	70 - 130	
a,a,a-Trifluorotoluene (pid)	106	%	70 - 130	
Method: MA-EPH		Date Analyzed:	12/01/2010 1741	
Prep Method: 3541		Date Prepared:	11/29/2010 0817	
C9-C18 Aliphatics	<2.7	mg/Kg	2.7	1.0
C19-C36 Aliphatics	<2.7	mg/Kg	2.7	1.0
Surrogate			Acceptance Limits	
1-Chlorooctadecane	61	%	40 - 140	
Method: MA-EPH		Date Analyzed:	12/01/2010 2117	
Prep Method: 3541		Date Prepared:	11/29/2010 0817	
C11-C22 Aromatics	<2.7	mg/Kg	2.7	1.0
Surrogate			Acceptance Limits	
o-Terphenyl	94	%	40 - 140	
2-Fluorobiphenyl	74	%	40 - 140	
2-Bromonaphthalene	83	%	40 - 140	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-27**
Lab Sample ID: **680-63484-12**

Date Sampled: 11/23/2010 1045
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 61

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2103	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<3800		ug/Kg	3800	400
Bromomethane	<3800		ug/Kg	3800	400
Vinyl chloride	<3800		ug/Kg	3800	400
Chloroethane	<3800		ug/Kg	3800	400
Methylene Chloride	5200		ug/Kg	3800	400
Acetone	<38000		ug/Kg	38000	400
Carbon disulfide	<3800		ug/Kg	3800	400
1,1-Dichloroethene	7600		ug/Kg	3800	400
1,1-Dichloroethane	<3800		ug/Kg	3800	400
cis-1,2-Dichloroethene	<3800		ug/Kg	3800	400
trans-1,2-Dichloroethene	<3800	*	ug/Kg	3800	400
Chloroform	<3800		ug/Kg	3800	400
1,2-Dichloroethane	<3800		ug/Kg	3800	400
2-Butanone (MEK)	<19000		ug/Kg	19000	400
1,1,1-Trichloroethane	<3800		ug/Kg	3800	400
Carbon tetrachloride	<3800		ug/Kg	3800	400
Dichlorobromomethane	<3800		ug/Kg	3800	400
1,1,2,2-Tetrachloroethane	<3800		ug/Kg	3800	400
1,2-Dichloropropane	<3800		ug/Kg	3800	400
trans-1,3-Dichloropropene	<3800		ug/Kg	3800	400
Trichloroethene	<3800		ug/Kg	3800	400
Chlorodibromomethane	<3800		ug/Kg	3800	400
1,1,2-Trichloroethane	<3800		ug/Kg	3800	400
Benzene	<3800		ug/Kg	3800	400
cis-1,3-Dichloropropene	<3800		ug/Kg	3800	400
Bromoform	<3800		ug/Kg	3800	400
2-Hexanone	<19000		ug/Kg	19000	400
4-Methyl-2-pentanone (MIBK)	<19000		ug/Kg	19000	400
Tetrachloroethene	<3800		ug/Kg	3800	400
1,2-Dichlorobenzene	<3800		ug/Kg	3800	400
Toluene	88000		ug/Kg	3800	400
Chlorobenzene	<3800		ug/Kg	3800	400
Ethylbenzene	<3800		ug/Kg	3800	400
Styrene	<3800		ug/Kg	3800	400
Xylenes, Total	11000		ug/Kg	7600	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-27**
Lab Sample ID: **680-63484-12**

Date Sampled: 11/23/2010 1045
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 61

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/07/2010 1656	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<540		ug/Kg	540	1.0
Acenaphthylene	<540		ug/Kg	540	1.0
Anthracene	<540		ug/Kg	540	1.0
Benzo[a]anthracene	<540		ug/Kg	540	1.0
Benzo[b]fluoranthene	<540		ug/Kg	540	1.0
Benzo[k]fluoranthene	<540		ug/Kg	540	1.0
Benzo[g,h,i]perylene	<540		ug/Kg	540	1.0
Benzo[a]pyrene	<540		ug/Kg	540	1.0
Bis(2-chloroethoxy)methane	<540		ug/Kg	540	1.0
Bis(2-chloroethyl)ether	<540		ug/Kg	540	1.0
Bis(2-ethylhexyl) phthalate	<540		ug/Kg	540	1.0
4-Bromophenyl phenyl ether	<540		ug/Kg	540	1.0
Butyl benzyl phthalate	<540		ug/Kg	540	1.0
Carbazole	<540		ug/Kg	540	1.0
4-Chloroaniline	<1100		ug/Kg	1100	1.0
4-Chloro-3-methylphenol	<540		ug/Kg	540	1.0
2-Chloronaphthalene	<540		ug/Kg	540	1.0
2-Chlorophenol	<540		ug/Kg	540	1.0
4-Chlorophenyl phenyl ether	<540		ug/Kg	540	1.0
Chrysene	<540		ug/Kg	540	1.0
Dibenz(a,h)anthracene	<540		ug/Kg	540	1.0
Dibenzofuran	<540		ug/Kg	540	1.0
Di-n-butyl phthalate	<540		ug/Kg	540	1.0
1,2-Dichlorobenzene	<540		ug/Kg	540	1.0
1,3-Dichlorobenzene	<540		ug/Kg	540	1.0
1,4-Dichlorobenzene	<540		ug/Kg	540	1.0
3,3'-Dichlorobenzidine	<1100	*	ug/Kg	1100	1.0
2,4-Dichlorophenol	<540		ug/Kg	540	1.0
Diethyl phthalate	<540		ug/Kg	540	1.0
2,4-Dimethylphenol	<540		ug/Kg	540	1.0
Dimethyl phthalate	<540		ug/Kg	540	1.0
4,6-Dinitro-2-methylphenol	<2800		ug/Kg	2800	1.0
2,4-Dinitrophenol	<2800		ug/Kg	2800	1.0
2,4-Dinitrotoluene	<540		ug/Kg	540	1.0
2,6-Dinitrotoluene	<540		ug/Kg	540	1.0
Di-n-octyl phthalate	<540		ug/Kg	540	1.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-27**
Lab Sample ID: **680-63484-12**

Date Sampled: 11/23/2010 1045
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 61

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<540	ug/Kg	540	1.0
Fluoranthene	<540	ug/Kg	540	1.0
Fluorene	<540	ug/Kg	540	1.0
Hexachlorobenzene	<540	ug/Kg	540	1.0
Hexachlorobutadiene	<540	ug/Kg	540	1.0
Hexachlorocyclopentadiene	<540	ug/Kg	540	1.0
Hexachloroethane	<540	ug/Kg	540	1.0
Indeno[1,2,3-cd]pyrene	<540	ug/Kg	540	1.0
Isophorone	<540	ug/Kg	540	1.0
2-Methylnaphthalene	<540	ug/Kg	540	1.0
2-Methylphenol	<540	ug/Kg	540	1.0
3 & 4 Methylphenol	<540	ug/Kg	540	1.0
Naphthalene	<540	ug/Kg	540	1.0
2-Nitroaniline	<2800	ug/Kg	2800	1.0
3-Nitroaniline	<2800	ug/Kg	2800	1.0
4-Nitroaniline	<2800	ug/Kg	2800	1.0
Nitrobenzene	<540	ug/Kg	540	1.0
2-Nitrophenol	<540	ug/Kg	540	1.0
4-Nitrophenol	<2800	ug/Kg	2800	1.0
N-Nitrosodi-n-propylamine	<540	ug/Kg	540	1.0
Pentachlorophenol	<2800	ug/Kg	2800	1.0
Phenanthrene	<540	ug/Kg	540	1.0
Phenol	<540	ug/Kg	540	1.0
Pyrene	<540	ug/Kg	540	1.0
1,2,4-Trichlorobenzene	<540	ug/Kg	540	1.0
2,4,5-Trichlorophenol	<540	ug/Kg	540	1.0
2,4,6-Trichlorophenol	<540	ug/Kg	540	1.0
bis(chloroisopropyl) ether	<540	ug/Kg	540	1.0
1,4-Dioxane	<540	ug/Kg	540	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	69	%	58 - 130
2-Fluorophenol	64	%	40 - 130
Nitrobenzene-d5	65	%	46 - 130
Phenol-d5	64	%	49 - 130
Terphenyl-d14	81	%	60 - 130
2,4,6-Tribromophenol	66	%	58 - 130

Method: **MAVPH** Date Analyzed: 12/02/2010 1248
Prep Method: **5035** Date Prepared: 11/30/2010 1635

C5-C8 Aliphatics	120	mg/Kg	18	200
C9-C12 Aliphatics	23	mg/Kg	9.5	200

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-27**
Lab Sample ID: **680-63484-12**

Date Sampled: 11/23/2010 1045
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 61

Analyte	Result/Qualifier	Unit	RL	Dilution
C9-C10 Aromatics	8.8	mg/Kg	5.1	200
Surrogate			Acceptance Limits	
a,a,a-Trifluorotoluene (fid)	99	%	70 - 130	
a,a,a-Trifluorotoluene (pid)	104	%	70 - 130	
Method: MA-EPH		Date Analyzed:	12/01/2010 1747	
Prep Method: 3541		Date Prepared:	11/29/2010 0817	
C9-C18 Aliphatics	<2.6	mg/Kg	2.6	1.0
C19-C36 Aliphatics	<2.6	mg/Kg	2.6	1.0
Surrogate			Acceptance Limits	
1-Chlorooctadecane	53	%	40 - 140	
Method: MA-EPH		Date Analyzed:	12/01/2010 2123	
Prep Method: 3541		Date Prepared:	11/29/2010 0817	
C11-C22 Aromatics	<2.6	mg/Kg	2.6	1.0
Surrogate			Acceptance Limits	
o-Terphenyl	81	%	40 - 140	
2-Fluorobiphenyl	74	%	40 - 140	
2-Bromonaphthalene	82	%	40 - 140	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-37**
Lab Sample ID: **680-63484-13**

Date Sampled: 11/23/2010 1100
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 68

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2124	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<2700		ug/Kg	2700	400
Bromomethane	<2700		ug/Kg	2700	400
Vinyl chloride	<2700		ug/Kg	2700	400
Chloroethane	<2700		ug/Kg	2700	400
Methylene Chloride	5300		ug/Kg	2700	400
Acetone	<27000		ug/Kg	27000	400
Carbon disulfide	<2700		ug/Kg	2700	400
1,1-Dichloroethene	<2700		ug/Kg	2700	400
1,1-Dichloroethane	<2700		ug/Kg	2700	400
cis-1,2-Dichloroethene	<2700		ug/Kg	2700	400
trans-1,2-Dichloroethene	<2700	*	ug/Kg	2700	400
Chloroform	<2700		ug/Kg	2700	400
1,2-Dichloroethane	<2700		ug/Kg	2700	400
2-Butanone (MEK)	<13000		ug/Kg	13000	400
1,1,1-Trichloroethane	<2700		ug/Kg	2700	400
Carbon tetrachloride	<2700		ug/Kg	2700	400
Dichlorobromomethane	<2700		ug/Kg	2700	400
1,1,2,2-Tetrachloroethane	<2700		ug/Kg	2700	400
1,2-Dichloropropane	<2700		ug/Kg	2700	400
trans-1,3-Dichloropropene	<2700		ug/Kg	2700	400
Trichloroethene	<2700		ug/Kg	2700	400
Chlorodibromomethane	<2700		ug/Kg	2700	400
1,1,2-Trichloroethane	<2700		ug/Kg	2700	400
Benzene	<2700		ug/Kg	2700	400
cis-1,3-Dichloropropene	<2700		ug/Kg	2700	400
Bromoform	<2700		ug/Kg	2700	400
2-Hexanone	<13000		ug/Kg	13000	400
4-Methyl-2-pentanone (MIBK)	<13000		ug/Kg	13000	400
Tetrachloroethene	<2700		ug/Kg	2700	400
1,2-Dichlorobenzene	<2700		ug/Kg	2700	400
Toluene	43000		ug/Kg	2700	400
Chlorobenzene	<2700		ug/Kg	2700	400
Ethylbenzene	<2700		ug/Kg	2700	400
Styrene	<2700		ug/Kg	2700	400
Xylenes, Total	<5300		ug/Kg	5300	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-37**
Lab Sample ID: **680-63484-13**

Date Sampled: 11/23/2010 1100
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 68

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270C			Date Analyzed:	12/07/2010 1724	
Prep Method: 3546			Date Prepared:	12/01/2010 1625	
Acenaphthene	<480		ug/Kg	480	1.0
Acenaphthylene	<480		ug/Kg	480	1.0
Anthracene	<480		ug/Kg	480	1.0
Benzo[a]anthracene	<480		ug/Kg	480	1.0
Benzo[b]fluoranthene	<480		ug/Kg	480	1.0
Benzo[k]fluoranthene	<480		ug/Kg	480	1.0
Benzo[g,h,i]perylene	<480		ug/Kg	480	1.0
Benzo[a]pyrene	<480		ug/Kg	480	1.0
Bis(2-chloroethoxy)methane	<480		ug/Kg	480	1.0
Bis(2-chloroethyl)ether	<480		ug/Kg	480	1.0
Bis(2-ethylhexyl) phthalate	<480		ug/Kg	480	1.0
4-Bromophenyl phenyl ether	<480		ug/Kg	480	1.0
Butyl benzyl phthalate	<480		ug/Kg	480	1.0
Carbazole	<480		ug/Kg	480	1.0
4-Chloroaniline	<950		ug/Kg	950	1.0
4-Chloro-3-methylphenol	<480		ug/Kg	480	1.0
2-Chloronaphthalene	<480		ug/Kg	480	1.0
2-Chlorophenol	<480		ug/Kg	480	1.0
4-Chlorophenyl phenyl ether	<480		ug/Kg	480	1.0
Chrysene	<480		ug/Kg	480	1.0
Dibenz(a,h)anthracene	<480		ug/Kg	480	1.0
Dibenzofuran	<480		ug/Kg	480	1.0
Di-n-butyl phthalate	<480		ug/Kg	480	1.0
1,2-Dichlorobenzene	<480		ug/Kg	480	1.0
1,3-Dichlorobenzene	<480		ug/Kg	480	1.0
1,4-Dichlorobenzene	<480		ug/Kg	480	1.0
3,3'-Dichlorobenzidine	<950	*	ug/Kg	950	1.0
2,4-Dichlorophenol	<480		ug/Kg	480	1.0
Diethyl phthalate	<480		ug/Kg	480	1.0
2,4-Dimethylphenol	<480		ug/Kg	480	1.0
Dimethyl phthalate	530		ug/Kg	480	1.0
4,6-Dinitro-2-methylphenol	<2500		ug/Kg	2500	1.0
2,4-Dinitrophenol	<2500		ug/Kg	2500	1.0
2,4-Dinitrotoluene	<480		ug/Kg	480	1.0
2,6-Dinitrotoluene	<480		ug/Kg	480	1.0
Di-n-octyl phthalate	<480		ug/Kg	480	1.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-37**
Lab Sample ID: **680-63484-13**

Date Sampled: 11/23/2010 1100
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 68

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<480	ug/Kg	480	1.0
Fluoranthene	<480	ug/Kg	480	1.0
Fluorene	<480	ug/Kg	480	1.0
Hexachlorobenzene	<480	ug/Kg	480	1.0
Hexachlorobutadiene	<480	ug/Kg	480	1.0
Hexachlorocyclopentadiene	<480	ug/Kg	480	1.0
Hexachloroethane	<480	ug/Kg	480	1.0
Indeno[1,2,3-cd]pyrene	<480	ug/Kg	480	1.0
Isophorone	<480	ug/Kg	480	1.0
2-Methylnaphthalene	<480	ug/Kg	480	1.0
2-Methylphenol	<480	ug/Kg	480	1.0
3 & 4 Methylphenol	<480	ug/Kg	480	1.0
Naphthalene	<480	ug/Kg	480	1.0
2-Nitroaniline	<2500	ug/Kg	2500	1.0
3-Nitroaniline	<2500	ug/Kg	2500	1.0
4-Nitroaniline	<2500	ug/Kg	2500	1.0
Nitrobenzene	<480	ug/Kg	480	1.0
2-Nitrophenol	<480	ug/Kg	480	1.0
4-Nitrophenol	<2500	ug/Kg	2500	1.0
N-Nitrosodi-n-propylamine	<480	ug/Kg	480	1.0
Pentachlorophenol	<2500	ug/Kg	2500	1.0
Phenanthrene	<480	ug/Kg	480	1.0
Phenol	<480	ug/Kg	480	1.0
Pyrene	<480	ug/Kg	480	1.0
1,2,4-Trichlorobenzene	<480	ug/Kg	480	1.0
2,4,5-Trichlorophenol	<480	ug/Kg	480	1.0
2,4,6-Trichlorophenol	<480	ug/Kg	480	1.0
bis(chloroisopropyl) ether	<480	ug/Kg	480	1.0
1,4-Dioxane	<480	ug/Kg	480	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	79	%	58 - 130
2-Fluorophenol	76	%	40 - 130
Nitrobenzene-d5	76	%	46 - 130
Phenol-d5	81	%	49 - 130
Terphenyl-d14	89	%	60 - 130
2,4,6-Tribromophenol	78	%	58 - 130

Method: **MAVPH** Date Analyzed: 12/02/2010 1147
Prep Method: **5035** Date Prepared: 11/30/2010 1635

C5-C8 Aliphatics	74	mg/Kg	3.4	50
C9-C12 Aliphatics	9.6	mg/Kg	1.8	50

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-37**
Lab Sample ID: **680-63484-13**

Date Sampled: 11/23/2010 1100
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 68

Analyte	Result/Qualifier	Unit	RL	Dilution
C9-C10 Aromatics	2.3	mg/Kg	0.95	50
Surrogate			Acceptance Limits	
a,a,a-Trifluorotoluene (fid)	93	%	70 - 130	
a,a,a-Trifluorotoluene (pid)	98	%	70 - 130	
Method: MA-EPH		Date Analyzed:	12/01/2010 1753	
Prep Method: 3541		Date Prepared:	11/29/2010 0817	
C9-C18 Aliphatics	<2.3	mg/Kg	2.3	1.0
C19-C36 Aliphatics	<2.3	mg/Kg	2.3	1.0
Surrogate			Acceptance Limits	
1-Chlorooctadecane	77	%	40 - 140	
Method: MA-EPH		Date Analyzed:	12/01/2010 2129	
Prep Method: 3541		Date Prepared:	11/29/2010 0817	
C11-C22 Aromatics	<2.3	mg/Kg	2.3	1.0
Surrogate			Acceptance Limits	
o-Terphenyl	108	%	40 - 140	
2-Fluorobiphenyl	78	%	40 - 140	
2-Bromonaphthalene	88	%	40 - 140	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-22GW**
Lab Sample ID: **680-63484-14**

Date Sampled: 11/23/2010 0855
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/03/2010 1400	
Prep Method: 5030B		Date Prepared:	12/03/2010 1400	
1,1,1-Trichloroethane	13000	ug/L	1000	1000
1,1,2,2-Tetrachloroethane	<1000	ug/L	1000	1000
1,1,2-Trichloroethane	<1000	ug/L	1000	1000
1,1-Dichloroethane	1300	ug/L	1000	1000
1,1-Dichloroethene	9500	ug/L	1000	1000
1,2-Dichlorobenzene	3400	ug/L	1000	1000
1,2-Dichloroethane	<1000	ug/L	1000	1000
1,2-Dichloropropane	<1000	ug/L	1000	1000
2-Butanone (MEK)	<10000	ug/L	10000	1000
2-Hexanone	<10000	ug/L	10000	1000
4-Methyl-2-pentanone (MIBK)	<10000	ug/L	10000	1000
Acetone	<25000	ug/L	25000	1000
Benzene	<1000	ug/L	1000	1000
Bromoform	<1000	ug/L	1000	1000
Bromomethane	<1000	ug/L	1000	1000
Carbon disulfide	<2000	ug/L	2000	1000
Carbon tetrachloride	<1000	ug/L	1000	1000
Chlorobenzene	<1000	ug/L	1000	1000
Chlorodibromomethane	<1000	ug/L	1000	1000
Chloroethane	<1000	ug/L	1000	1000
Chloroform	<1000	ug/L	1000	1000
Chloromethane	<1000	ug/L	1000	1000
cis-1,2-Dichloroethene	12000	ug/L	1000	1000
cis-1,3-Dichloropropene	<1000	ug/L	1000	1000
Dichlorobromomethane	<1000	ug/L	1000	1000
Ethylbenzene	9000	ug/L	1000	1000
Methylene Chloride	<5000	ug/L	5000	1000
Styrene	<1000	ug/L	1000	1000
Tetrachloroethene	13000	ug/L	1000	1000
Toluene	120000	ug/L	1000	1000
trans-1,2-Dichloroethene	<1000	ug/L	1000	1000
trans-1,3-Dichloropropene	<1000	ug/L	1000	1000
Trichloroethene	9000	ug/L	1000	1000
Vinyl chloride	<1000	ug/L	1000	1000
Xylenes, Total	37000	ug/L	2000	1000

Surrogate			Acceptance Limits
4-Bromofluorobenzene	97	%	70 - 130
Dibromofluoromethane	94	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-22GW**
Lab Sample ID: **680-63484-14**

Date Sampled: 11/23/2010 0855
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	107	%	70 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-40GW**
Lab Sample ID: **680-63484-15**

Date Sampled: 11/23/2010 1005
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/02/2010 2012	
Prep Method: 5030B		Date Prepared:	12/02/2010 2012	
1,1,1-Trichloroethane	1400	ug/L	1000	1000
1,1,2,2-Tetrachloroethane	<1000	ug/L	1000	1000
1,1,2-Trichloroethane	<1000	ug/L	1000	1000
1,1-Dichloroethane	<1000	ug/L	1000	1000
1,1-Dichloroethene	11000	ug/L	1000	1000
1,2-Dichlorobenzene	<1000	ug/L	1000	1000
1,2-Dichloroethane	<1000	ug/L	1000	1000
1,2-Dichloropropane	<1000	ug/L	1000	1000
2-Butanone (MEK)	<10000	ug/L	10000	1000
2-Hexanone	<10000	ug/L	10000	1000
4-Methyl-2-pentanone (MIBK)	<10000	ug/L	10000	1000
Acetone	<25000	ug/L	25000	1000
Benzene	<1000	ug/L	1000	1000
Bromoform	<1000	ug/L	1000	1000
Bromomethane	<1000	ug/L	1000	1000
Carbon disulfide	<2000	ug/L	2000	1000
Carbon tetrachloride	<1000	ug/L	1000	1000
Chlorobenzene	<1000	ug/L	1000	1000
Chlorodibromomethane	<1000	ug/L	1000	1000
Chloroethane	<1000	ug/L	1000	1000
Chloroform	<1000	ug/L	1000	1000
Chloromethane	<1000	ug/L	1000	1000
cis-1,2-Dichloroethene	1600	ug/L	1000	1000
cis-1,3-Dichloropropene	<1000	ug/L	1000	1000
Dichlorobromomethane	<1000	ug/L	1000	1000
Ethylbenzene	1700	ug/L	1000	1000
Methylene Chloride	12000	ug/L	5000	1000
Styrene	<1000	ug/L	1000	1000
Tetrachloroethene	2500	ug/L	1000	1000
Toluene	51000	ug/L	1000	1000
trans-1,2-Dichloroethene	<1000	ug/L	1000	1000
trans-1,3-Dichloropropene	<1000	ug/L	1000	1000
Trichloroethene	1800	ug/L	1000	1000
Vinyl chloride	<1000	ug/L	1000	1000
Xylenes, Total	6400	ug/L	2000	1000

Surrogate			Acceptance Limits
4-Bromofluorobenzene	89	%	70 - 130
Dibromofluoromethane	96	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-45-40GW**
Lab Sample ID: **680-63484-15**

Date Sampled: 11/23/2010 1005
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	92	%	70 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-9**
Lab Sample ID: **680-63484-16**

Date Sampled: 11/23/2010 1345
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 62

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/06/2010 2100	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<7.1		ug/Kg	7.1	1.0
Bromomethane	<7.1		ug/Kg	7.1	1.0
Vinyl chloride	<7.1		ug/Kg	7.1	1.0
Chloroethane	<7.1		ug/Kg	7.1	1.0
Methylene Chloride	<7.1		ug/Kg	7.1	1.0
Acetone	<71	*	ug/Kg	71	1.0
Carbon disulfide	<7.1		ug/Kg	7.1	1.0
1,1-Dichloroethene	15		ug/Kg	7.1	1.0
1,1-Dichloroethane	<7.1		ug/Kg	7.1	1.0
cis-1,2-Dichloroethene	<7.1		ug/Kg	7.1	1.0
trans-1,2-Dichloroethene	<7.1		ug/Kg	7.1	1.0
Chloroform	<7.1		ug/Kg	7.1	1.0
1,2-Dichloroethane	<7.1		ug/Kg	7.1	1.0
2-Butanone (MEK)	<36		ug/Kg	36	1.0
1,1,1-Trichloroethane	<7.1		ug/Kg	7.1	1.0
Carbon tetrachloride	<7.1		ug/Kg	7.1	1.0
Dichlorobromomethane	<7.1		ug/Kg	7.1	1.0
1,1,2,2-Tetrachloroethane	<7.1		ug/Kg	7.1	1.0
1,2-Dichloropropane	<7.1		ug/Kg	7.1	1.0
trans-1,3-Dichloropropene	<7.1		ug/Kg	7.1	1.0
Trichloroethene	<7.1		ug/Kg	7.1	1.0
Chlorodibromomethane	<7.1		ug/Kg	7.1	1.0
1,1,2-Trichloroethane	<7.1		ug/Kg	7.1	1.0
Benzene	<7.1		ug/Kg	7.1	1.0
cis-1,3-Dichloropropene	<7.1		ug/Kg	7.1	1.0
Bromoform	<7.1		ug/Kg	7.1	1.0
2-Hexanone	<36		ug/Kg	36	1.0
4-Methyl-2-pentanone (MIBK)	<36		ug/Kg	36	1.0
Tetrachloroethene	12		ug/Kg	7.1	1.0
1,2-Dichlorobenzene	<7.1		ug/Kg	7.1	1.0
Toluene	<7.1		ug/Kg	7.1	1.0
Chlorobenzene	<7.1		ug/Kg	7.1	1.0
Ethylbenzene	<7.1		ug/Kg	7.1	1.0
Styrene	<7.1		ug/Kg	7.1	1.0
Xylenes, Total	<14		ug/Kg	14	1.0

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	96	%	65 - 130
4-Bromofluorobenzene	102	%	65 - 130

Mr. Don Malone
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801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-9**
Lab Sample ID: **680-63484-16**

Date Sampled: 11/23/2010 1345
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 62

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	91	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-20**
Lab Sample ID: **680-63484-17**

Date Sampled: 11/23/2010 1420
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2206	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<300		ug/Kg	300	40
Bromomethane	<300		ug/Kg	300	40
Vinyl chloride	<300		ug/Kg	300	40
Chloroethane	<300		ug/Kg	300	40
Methylene Chloride	<300		ug/Kg	300	40
Acetone	<3000		ug/Kg	3000	40
Carbon disulfide	<300		ug/Kg	300	40
1,1-Dichloroethene	3200		ug/Kg	300	40
1,1-Dichloroethane	<300		ug/Kg	300	40
cis-1,2-Dichloroethene	660		ug/Kg	300	40
trans-1,2-Dichloroethene	<300	*	ug/Kg	300	40
Chloroform	<300		ug/Kg	300	40
1,2-Dichloroethane	<300		ug/Kg	300	40
2-Butanone (MEK)	<1500		ug/Kg	1500	40
1,1,1-Trichloroethane	<300		ug/Kg	300	40
Carbon tetrachloride	<300		ug/Kg	300	40
Dichlorobromomethane	<300		ug/Kg	300	40
1,1,2,2-Tetrachloroethane	<300		ug/Kg	300	40
1,2-Dichloropropane	<300		ug/Kg	300	40
trans-1,3-Dichloropropene	<300		ug/Kg	300	40
Trichloroethene	810		ug/Kg	300	40
Chlorodibromomethane	<300		ug/Kg	300	40
1,1,2-Trichloroethane	<300		ug/Kg	300	40
Benzene	920		ug/Kg	300	40
cis-1,3-Dichloropropene	<300		ug/Kg	300	40
Bromoform	<300		ug/Kg	300	40
2-Hexanone	<1500		ug/Kg	1500	40
4-Methyl-2-pentanone (MIBK)	<1500		ug/Kg	1500	40
Tetrachloroethene	1500		ug/Kg	300	40
1,2-Dichlorobenzene	1300		ug/Kg	300	40
Toluene	<300		ug/Kg	300	40
Chlorobenzene	<300		ug/Kg	300	40
Ethylbenzene	<300		ug/Kg	300	40
Styrene	<300		ug/Kg	300	40
Xylenes, Total	1100		ug/Kg	600	40

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	54	X	%	65 - 130
4-Bromofluorobenzene	75		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-20**
Lab Sample ID: **680-63484-17**

Date Sampled: 11/23/2010 1420
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	54	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-29**
Lab Sample ID: **680-63484-18**

Date Sampled: 11/23/2010 1450
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2227	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<290		ug/Kg	290	40
Bromomethane	<290		ug/Kg	290	40
Vinyl chloride	<290		ug/Kg	290	40
Chloroethane	<290		ug/Kg	290	40
Methylene Chloride	<290		ug/Kg	290	40
Acetone	<2900		ug/Kg	2900	40
Carbon disulfide	<290		ug/Kg	290	40
1,1-Dichloroethene	900		ug/Kg	290	40
1,1-Dichloroethane	<290		ug/Kg	290	40
cis-1,2-Dichloroethene	<290		ug/Kg	290	40
trans-1,2-Dichloroethene	<290	*	ug/Kg	290	40
Chloroform	<290		ug/Kg	290	40
1,2-Dichloroethane	<290		ug/Kg	290	40
2-Butanone (MEK)	<1400		ug/Kg	1400	40
1,1,1-Trichloroethane	<290		ug/Kg	290	40
Carbon tetrachloride	<290		ug/Kg	290	40
Dichlorobromomethane	<290		ug/Kg	290	40
1,1,2,2-Tetrachloroethane	<290		ug/Kg	290	40
1,2-Dichloropropane	<290		ug/Kg	290	40
trans-1,3-Dichloropropene	<290		ug/Kg	290	40
Trichloroethene	1000		ug/Kg	290	40
Chlorodibromomethane	<290		ug/Kg	290	40
1,1,2-Trichloroethane	<290		ug/Kg	290	40
Benzene	330		ug/Kg	290	40
cis-1,3-Dichloropropene	<290		ug/Kg	290	40
Bromoform	<290		ug/Kg	290	40
2-Hexanone	<1400		ug/Kg	1400	40
4-Methyl-2-pentanone (MIBK)	<1400		ug/Kg	1400	40
Tetrachloroethene	1700		ug/Kg	290	40
1,2-Dichlorobenzene	1800		ug/Kg	290	40
Toluene	<290		ug/Kg	290	40
Chlorobenzene	<290		ug/Kg	290	40
Ethylbenzene	<290		ug/Kg	290	40
Styrene	<290		ug/Kg	290	40
Xylenes, Total	1700		ug/Kg	570	40

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	53	X	%	65 - 130
4-Bromofluorobenzene	68		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-29**
Lab Sample ID: **680-63484-18**

Date Sampled: 11/23/2010 1450
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 64

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	55	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-36**
Lab Sample ID: **680-63484-19**

Date Sampled: 11/23/2010 1505
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 66

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2248	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<540		ug/Kg	540	40
Bromomethane	<540		ug/Kg	540	40
Vinyl chloride	<540		ug/Kg	540	40
Chloroethane	<540		ug/Kg	540	40
Methylene Chloride	<540		ug/Kg	540	40
Acetone	<5400		ug/Kg	5400	40
Carbon disulfide	<540		ug/Kg	540	40
1,1-Dichloroethene	<540		ug/Kg	540	40
1,1-Dichloroethane	<540		ug/Kg	540	40
cis-1,2-Dichloroethene	<540		ug/Kg	540	40
trans-1,2-Dichloroethene	<540	*	ug/Kg	540	40
Chloroform	<540		ug/Kg	540	40
1,2-Dichloroethane	<540		ug/Kg	540	40
2-Butanone (MEK)	<2700		ug/Kg	2700	40
1,1,1-Trichloroethane	<540		ug/Kg	540	40
Carbon tetrachloride	<540		ug/Kg	540	40
Dichlorobromomethane	<540		ug/Kg	540	40
1,1,2,2-Tetrachloroethane	<540		ug/Kg	540	40
1,2-Dichloropropane	<540		ug/Kg	540	40
trans-1,3-Dichloropropene	<540		ug/Kg	540	40
Trichloroethene	790		ug/Kg	540	40
Chlorodibromomethane	<540		ug/Kg	540	40
1,1,2-Trichloroethane	<540		ug/Kg	540	40
Benzene	<540		ug/Kg	540	40
cis-1,3-Dichloropropene	<540		ug/Kg	540	40
Bromoform	<540		ug/Kg	540	40
2-Hexanone	<2700		ug/Kg	2700	40
4-Methyl-2-pentanone (MIBK)	<2700		ug/Kg	2700	40
Tetrachloroethene	1700		ug/Kg	540	40
1,2-Dichlorobenzene	2400		ug/Kg	540	40
Toluene	<540		ug/Kg	540	40
Chlorobenzene	<540		ug/Kg	540	40
Ethylbenzene	<540		ug/Kg	540	40
Styrene	<540		ug/Kg	540	40
Xylenes, Total	2500		ug/Kg	1100	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	65	%	65 - 130
4-Bromofluorobenzene	124	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-36**
Lab Sample ID: **680-63484-19**

Date Sampled: 11/23/2010 1505
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 66

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	67	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-46**
Lab Sample ID: **680-63484-20**

Date Sampled: 11/23/2010 1620
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 66

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2309	
Prep Method: 5035			Date Prepared:	11/29/2010 1003	
Chloromethane	<270		ug/Kg	270	40
Bromomethane	<270		ug/Kg	270	40
Vinyl chloride	<270		ug/Kg	270	40
Chloroethane	<270		ug/Kg	270	40
Methylene Chloride	<270		ug/Kg	270	40
Acetone	<2700		ug/Kg	2700	40
Carbon disulfide	<270		ug/Kg	270	40
1,1-Dichloroethene	3900		ug/Kg	270	40
1,1-Dichloroethane	<270		ug/Kg	270	40
cis-1,2-Dichloroethene	<270		ug/Kg	270	40
trans-1,2-Dichloroethene	<270	*	ug/Kg	270	40
Chloroform	<270		ug/Kg	270	40
1,2-Dichloroethane	<270		ug/Kg	270	40
2-Butanone (MEK)	<1300		ug/Kg	1300	40
1,1,1-Trichloroethane	<270		ug/Kg	270	40
Carbon tetrachloride	<270		ug/Kg	270	40
Dichlorobromomethane	<270		ug/Kg	270	40
1,1,2,2-Tetrachloroethane	<270		ug/Kg	270	40
1,2-Dichloropropane	<270		ug/Kg	270	40
trans-1,3-Dichloropropene	<270		ug/Kg	270	40
Trichloroethene	460		ug/Kg	270	40
Chlorodibromomethane	<270		ug/Kg	270	40
1,1,2-Trichloroethane	<270		ug/Kg	270	40
Benzene	830		ug/Kg	270	40
cis-1,3-Dichloropropene	<270		ug/Kg	270	40
Bromoform	<270		ug/Kg	270	40
2-Hexanone	<1300		ug/Kg	1300	40
4-Methyl-2-pentanone (MIBK)	<1300		ug/Kg	1300	40
Tetrachloroethene	2200		ug/Kg	270	40
1,2-Dichlorobenzene	670		ug/Kg	270	40
Toluene	<270		ug/Kg	270	40
Chlorobenzene	<270		ug/Kg	270	40
Ethylbenzene	<270		ug/Kg	270	40
Styrene	<270		ug/Kg	270	40
Xylenes, Total	1600		ug/Kg	530	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	78	%	65 - 130
4-Bromofluorobenzene	88	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-46**
Lab Sample ID: **680-63484-20**

Date Sampled: 11/23/2010 1620
Date Received: 11/24/2010 0938
Client Matrix: Solid
Percent Solids: 66

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	80	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-16GW**
Lab Sample ID: **680-63484-21**

Date Sampled: 11/23/2010 1400
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/03/2010 1429	
Prep Method: 5030B		Date Prepared:	12/03/2010 1429	
1,1,1-Trichloroethane	110	ug/L	20	20
1,1,2,2-Tetrachloroethane	<20	ug/L	20	20
1,1,2-Trichloroethane	53	ug/L	20	20
1,1-Dichloroethane	210	ug/L	20	20
1,1-Dichloroethene	1900	ug/L	20	20
1,2-Dichlorobenzene	150	ug/L	20	20
1,2-Dichloroethane	<20	ug/L	20	20
1,2-Dichloropropane	<20	ug/L	20	20
2-Butanone (MEK)	<200	ug/L	200	20
2-Hexanone	<200	ug/L	200	20
4-Methyl-2-pentanone (MIBK)	<200	ug/L	200	20
Acetone	<500	ug/L	500	20
Benzene	530	ug/L	20	20
Bromoform	<20	ug/L	20	20
Bromomethane	<20	ug/L	20	20
Carbon disulfide	<40	ug/L	40	20
Carbon tetrachloride	<20	ug/L	20	20
Chlorobenzene	<20	ug/L	20	20
Chlorodibromomethane	<20	ug/L	20	20
Chloroethane	<20	ug/L	20	20
Chloroform	120	ug/L	20	20
Chloromethane	<20	ug/L	20	20
cis-1,2-Dichloroethene	1200	ug/L	20	20
cis-1,3-Dichloropropene	<20	ug/L	20	20
Dichlorobromomethane	<20	ug/L	20	20
Ethylbenzene	98	ug/L	20	20
Methylene Chloride	<100	ug/L	100	20
Styrene	<20	ug/L	20	20
Tetrachloroethene	470	ug/L	20	20
Toluene	1200	ug/L	20	20
trans-1,2-Dichloroethene	<20	ug/L	20	20
trans-1,3-Dichloropropene	<20	ug/L	20	20
Trichloroethene	420	ug/L	20	20
Vinyl chloride	<20	ug/L	20	20
Xylenes, Total	420	ug/L	40	20

Surrogate			Acceptance Limits
4-Bromofluorobenzene	98	%	70 - 130
Dibromofluoromethane	95	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-16GW**
Lab Sample ID: **680-63484-21**

Date Sampled: 11/23/2010 1400
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	107	%	70 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-40GW**
Lab Sample ID: **680-63484-22**

Date Sampled: 11/23/2010 1520
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/03/2010 1457	
Prep Method: 5030B		Date Prepared:	12/03/2010 1457	
1,1,1-Trichloroethane	<50	ug/L	50	50
1,1,2,2-Tetrachloroethane	<50	ug/L	50	50
1,1,2-Trichloroethane	<50	ug/L	50	50
1,1-Dichloroethane	260	ug/L	50	50
1,1-Dichloroethene	3800	ug/L	50	50
1,2-Dichlorobenzene	680	ug/L	50	50
1,2-Dichloroethane	<50	ug/L	50	50
1,2-Dichloropropane	<50	ug/L	50	50
2-Butanone (MEK)	<500	ug/L	500	50
2-Hexanone	<500	ug/L	500	50
4-Methyl-2-pentanone (MIBK)	<500	ug/L	500	50
Acetone	<1200	ug/L	1200	50
Benzene	1100	ug/L	50	50
Bromoform	<50	ug/L	50	50
Bromomethane	<50	ug/L	50	50
Carbon disulfide	<100	ug/L	100	50
Carbon tetrachloride	<50	ug/L	50	50
Chlorobenzene	<50	ug/L	50	50
Chlorodibromomethane	<50	ug/L	50	50
Chloroethane	<50	ug/L	50	50
Chloroform	240	ug/L	50	50
Chloromethane	<50	ug/L	50	50
cis-1,2-Dichloroethene	240	ug/L	50	50
cis-1,3-Dichloropropene	<50	ug/L	50	50
Dichlorobromomethane	<50	ug/L	50	50
Ethylbenzene	<50	ug/L	50	50
Methylene Chloride	<250	ug/L	250	50
Styrene	<50	ug/L	50	50
Tetrachloroethene	1300	ug/L	50	50
Toluene	51	ug/L	50	50
trans-1,2-Dichloroethene	<50	ug/L	50	50
trans-1,3-Dichloropropene	<50	ug/L	50	50
Trichloroethene	910	ug/L	50	50
Vinyl chloride	<50	ug/L	50	50
Xylenes, Total	1300	ug/L	100	50

Surrogate			Acceptance Limits
4-Bromofluorobenzene	99	%	70 - 130
Dibromofluoromethane	95	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **SB-26-40GW**
Lab Sample ID: **680-63484-22**

Date Sampled: 11/23/2010 1520
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	106	%	70 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **Trip Blank**
Lab Sample ID: **680-63484-23**

Date Sampled: 11/22/2010 0000
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/02/2010 1401	
Prep Method: 5030B		Date Prepared:	12/02/2010 1401	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	1.0	1.0
2-Butanone (MEK)	<10	ug/L	10	1.0
2-Hexanone	<10	ug/L	10	1.0
4-Methyl-2-pentanone (MIBK)	<10	ug/L	10	1.0
Acetone	<25	ug/L	25	1.0
Benzene	<1.0	ug/L	1.0	1.0
Bromoform	<1.0	ug/L	1.0	1.0
Bromomethane	<1.0	ug/L	1.0	1.0
Carbon disulfide	<2.0	ug/L	2.0	1.0
Carbon tetrachloride	<1.0	ug/L	1.0	1.0
Chlorobenzene	<1.0	ug/L	1.0	1.0
Chlorodibromomethane	<1.0	ug/L	1.0	1.0
Chloroethane	<1.0	ug/L	1.0	1.0
Chloroform	<1.0	ug/L	1.0	1.0
Chloromethane	<1.0	ug/L	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1.0
Dichlorobromomethane	<1.0	ug/L	1.0	1.0
Ethylbenzene	<1.0	ug/L	1.0	1.0
Methylene Chloride	<5.0	ug/L	5.0	1.0
Styrene	<1.0	ug/L	1.0	1.0
Tetrachloroethene	<1.0	ug/L	1.0	1.0
Toluene	<1.0	ug/L	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1.0
Trichloroethene	<1.0	ug/L	1.0	1.0
Vinyl chloride	<1.0	ug/L	1.0	1.0
Xylenes, Total	<2.0	ug/L	2.0	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene	93	%	70 - 130
Dibromofluoromethane	99	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63484-1

Client Sample ID: **Trip Blank**
Lab Sample ID: **680-63484-23**

Date Sampled: 11/22/2010 0000
Date Received: 11/24/2010 0938
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	100	%	70 - 130	

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc. Job Number: 680-63484-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC/MS Semi VOA		
	*	LCS or LCSD exceeds the control limits
	E	Result exceeded calibration range.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC VOA		
	X	Surrogate is outside control limits

QUALITY CONTROL RESULTS

Client: ARCADIS U.S., Inc. Job Number: 680-63484-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 680-187312					
680-63484-1	SB-27-6	T	Solid	5035	
680-63484-2	SB-27-10.5	T	Solid	5035	
680-63484-3	SB-27-14	T	Solid	5035	
680-63484-4	SB-27-16	T	Solid	5035	
680-63484-5	SB-27-18	T	Solid	5035	
680-63484-8	SB-45-7	T	Solid	5035	
680-63484-9	SB-45-10	T	Solid	5035	
680-63484-10	SB-45-17	T	Solid	5035	
680-63484-11	SB-45-24	T	Solid	5035	
680-63484-12	SB-45-27	T	Solid	5035	
680-63484-13	SB-45-37	T	Solid	5035	
680-63484-16	SB-26-9	T	Solid	5035	
680-63484-17	SB-26-20	T	Solid	5035	
680-63484-18	SB-26-29	T	Solid	5035	
680-63484-19	SB-26-36	T	Solid	5035	
680-63484-20	SB-26-46	T	Solid	5035	
Analysis Batch:680-187749					
LCS 680-187749/3	Lab Control Sample	T	Water	8260B	
LCSD 680-187749/4	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-187749/6	Method Blank	T	Water	8260B	
680-63484-6	SB-27-48GW	T	Water	8260B	
680-63484-7	SB-27-22GW	T	Water	8260B	
Analysis Batch:680-187772					
LCS 680-187772/5	Lab Control Sample	T	Water	8260B	
LCSD 680-187772/6	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-187772/8	Method Blank	T	Water	8260B	
680-63484-15	SB-45-40GW	T	Water	8260B	
680-63484-23	Trip Blank	T	Water	8260B	
Analysis Batch:680-187864					
LCS 680-187864/10	Lab Control Sample	T	Water	8260B	
LCSD 680-187864/11	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-187864/13	Method Blank	T	Water	8260B	
680-63484-14	SB-45-22GW	T	Water	8260B	
680-63484-21	SB-26-16GW	T	Water	8260B	
680-63484-22	SB-26-40GW	T	Water	8260B	

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-187998					
LCS 680-187998/14	Lab Control Sample	T	Solid	8260B	
LCSD 680-187998/15	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-187998/17	Method Blank	T	Solid	8260B	
680-63484-1	SB-27-6	T	Solid	8260B	680-187312
680-63484-2	SB-27-10.5	T	Solid	8260B	680-187312
680-63484-3	SB-27-14	T	Solid	8260B	680-187312
680-63484-4	SB-27-16	T	Solid	8260B	680-187312
680-63484-5	SB-27-18	T	Solid	8260B	680-187312
680-63484-8	SB-45-7	T	Solid	8260B	680-187312
680-63484-9	SB-45-10	T	Solid	8260B	680-187312
680-63484-10	SB-45-17	T	Solid	8260B	680-187312
680-63484-11	SB-45-24	T	Solid	8260B	680-187312
680-63484-12	SB-45-27	T	Solid	8260B	680-187312
680-63484-13	SB-45-37	T	Solid	8260B	680-187312
680-63484-17	SB-26-20	T	Solid	8260B	680-187312
680-63484-18	SB-26-29	T	Solid	8260B	680-187312
680-63484-19	SB-26-36	T	Solid	8260B	680-187312
680-63484-20	SB-26-46	T	Solid	8260B	680-187312
Analysis Batch:680-188140					
LCS 680-188140/6	Lab Control Sample	T	Solid	8260B	
LCSD 680-188140/7	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188140/9	Method Blank	T	Solid	8260B	
680-63484-16	SB-26-9	T	Solid	8260B	680-187312

Report Basis

T = Total

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 680-187634					
LCS 680-187634/13-A	Lab Control Sample	T	Solid	3546	
MB 680-187634/12-A	Method Blank	T	Solid	3546	
680-63484-1	SB-27-6	T	Solid	3546	
680-63484-1MS	Matrix Spike	T	Solid	3546	
680-63484-1MSD	Matrix Spike Duplicate	T	Solid	3546	
680-63484-2	SB-27-10.5	T	Solid	3546	
680-63484-3	SB-27-14	T	Solid	3546	
680-63484-4	SB-27-16	T	Solid	3546	
680-63484-5	SB-27-18	T	Solid	3546	
680-63484-8	SB-45-7	T	Solid	3546	
680-63484-9	SB-45-10	T	Solid	3546	
680-63484-10	SB-45-17	T	Solid	3546	
680-63484-11	SB-45-24	T	Solid	3546	
680-63484-12	SB-45-27	T	Solid	3546	
680-63484-13	SB-45-37	T	Solid	3546	
Analysis Batch:680-188137					
LCS 680-187634/13-A	Lab Control Sample	T	Solid	8270C	680-187634
MB 680-187634/12-A	Method Blank	T	Solid	8270C	680-187634
680-63484-1	SB-27-6	T	Solid	8270C	680-187634
680-63484-1MS	Matrix Spike	T	Solid	8270C	680-187634
680-63484-1MSD	Matrix Spike Duplicate	T	Solid	8270C	680-187634
680-63484-2	SB-27-10.5	T	Solid	8270C	680-187634
680-63484-5	SB-27-18	T	Solid	8270C	680-187634
680-63484-8	SB-45-7	T	Solid	8270C	680-187634
680-63484-9	SB-45-10	T	Solid	8270C	680-187634
680-63484-11	SB-45-24	T	Solid	8270C	680-187634
Analysis Batch:680-188200					
680-63484-4	SB-27-16	T	Solid	8270C	680-187634
680-63484-10	SB-45-17	T	Solid	8270C	680-187634
680-63484-12	SB-45-27	T	Solid	8270C	680-187634
680-63484-13	SB-45-37	T	Solid	8270C	680-187634
Analysis Batch:680-188299					
680-63484-3	SB-27-14	T	Solid	8270C	680-187634

Report Basis

T = Total

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 400-121716					
LCS 400-121716/2-A	Lab Control Sample	T	Solid	5035	
LCSD 400-121716/3-A	Lab Control Sample Duplicate	T	Solid	5035	
MB 400-121716/1-A	Method Blank	T	Solid	5035	
680-63484-8	SB-45-7	T	Solid	5035	
680-63484-9	SB-45-10	T	Solid	5035	
680-63484-10	SB-45-17	T	Solid	5035	
680-63484-11	SB-45-24	T	Solid	5035	
680-63484-12	SB-45-27	T	Solid	5035	
680-63484-13	SB-45-37	T	Solid	5035	
Analysis Batch:400-122022					
LCS 400-121716/2-A	Lab Control Sample	T	Solid	MAVPH	400-121716
LCSD 400-121716/3-A	Lab Control Sample Duplicate	T	Solid	MAVPH	400-121716
MB 400-121716/1-A	Method Blank	T	Solid	MAVPH	400-121716
680-63484-8	SB-45-7	T	Solid	MAVPH	400-121716
680-63484-9	SB-45-10	T	Solid	MAVPH	400-121716
680-63484-10	SB-45-17	T	Solid	MAVPH	400-121716
680-63484-11	SB-45-24	T	Solid	MAVPH	400-121716
680-63484-12	SB-45-27	T	Solid	MAVPH	400-121716
680-63484-13	SB-45-37	T	Solid	MAVPH	400-121716

Report Basis

T = Total

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 400-121385					
LCS 400-121385/15-A	Lab Control Sample	T	Solid	3541	
LCSD 400-121385/16-A	Lab Control Sample Duplicate	T	Solid	3541	
MB 400-121385/17-A	Method Blank	T	Solid	3541	
680-63484-8	SB-45-7	T	Solid	3541	
680-63484-9	SB-45-10	T	Solid	3541	
680-63484-10	SB-45-17	T	Solid	3541	
680-63484-11	SB-45-24	T	Solid	3541	
680-63484-12	SB-45-27	T	Solid	3541	
680-63484-13	SB-45-37	T	Solid	3541	
Analysis Batch:400-121670					
LCS 400-121385/15-A	Lab Control Sample	T	Solid	MA-EPH	400-121385
LCSD 400-121385/16-A	Lab Control Sample Duplicate	T	Solid	MA-EPH	400-121385
MB 400-121385/17-A	Method Blank	T	Solid	MA-EPH	400-121385
680-63484-8	SB-45-7	T	Solid	MA-EPH	400-121385
680-63484-9	SB-45-10	T	Solid	MA-EPH	400-121385
680-63484-10	SB-45-17	T	Solid	MA-EPH	400-121385
680-63484-11	SB-45-24	T	Solid	MA-EPH	400-121385
680-63484-12	SB-45-27	T	Solid	MA-EPH	400-121385
680-63484-13	SB-45-37	T	Solid	MA-EPH	400-121385
Analysis Batch:400-121672					
LCS 400-121385/15-A	Lab Control Sample	T	Solid	MA-EPH	400-121385
LCSD 400-121385/16-A	Lab Control Sample Duplicate	T	Solid	MA-EPH	400-121385
MB 400-121385/17-A	Method Blank	T	Solid	MA-EPH	400-121385
680-63484-8	SB-45-7	T	Solid	MA-EPH	400-121385
680-63484-9	SB-45-10	T	Solid	MA-EPH	400-121385
680-63484-10	SB-45-17	T	Solid	MA-EPH	400-121385
680-63484-11	SB-45-24	T	Solid	MA-EPH	400-121385
680-63484-12	SB-45-27	T	Solid	MA-EPH	400-121385
680-63484-13	SB-45-37	T	Solid	MA-EPH	400-121385

Report Basis

T = Total

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	BFB %Rec	DBFM %Rec
680-63484-1	SB-27-6	82	93	79
680-63484-2	SB-27-10.5	0D	0D	0D
680-63484-3	SB-27-14	0D	0D	0D
680-63484-4	SB-27-16	0D	0D	0D
680-63484-5	SB-27-18	0D	0D	0D
680-63484-8	SB-45-7	0D	0D	0D
680-63484-9	SB-45-10	0D	0D	0D
680-63484-10	SB-45-17	0D	0D	0D
680-63484-11	SB-45-24	0D	0D	0D
680-63484-12	SB-45-27	0D	0D	0D
680-63484-13	SB-45-37	0D	0D	0D
680-63484-16	SB-26-9	96	102	91
680-63484-17	SB-26-20	54X	75	54X
680-63484-18	SB-26-29	53X	68	55X
680-63484-19	SB-26-36	65	124	67
680-63484-20	SB-26-46	78	88	80
MB 680-188140/9		95	98	94
LCS 680-187998/14		97	112	108
LCS 680-188140/6		93	90	93
LCSD 680-187998/15		100	115	97
LCSD 680-188140/7		92	90	95

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	65-130
BFB = 4-Bromofluorobenzene	65-130
DBFM = Dibromofluoromethane	65-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-63484-6	SB-27-48GW	97	94	106
680-63484-7	SB-27-22GW	96	94	106
680-63484-14	SB-45-22GW	97	94	107
680-63484-15	SB-45-40GW	89	96	92
680-63484-21	SB-26-16GW	98	95	107
680-63484-22	SB-26-40GW	99	95	106
680-63484-23	Trip Blank	93	99	100

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130
TOL = Toluene-d8 (Surr)	70-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TOL %Rec	BFB %Rec	DBFM %Rec
MB 680-187749/6		101	95	101
MB 680-187772/8		94	90	103
MB 680-187864/13		106	97	99
LCS 680-187749/3		103	99	104
LCS 680-187772/5		97	98	105
LCS 680-187864/10		103	101	103
LCSD 680-187749/4		102	100	102
LCSD 680-187772/6		97	96	105
LCSD 680-187864/11		100	100	102

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130

Client: ARCADIS U.S., Inc. Job Number: 680-63484-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
680-63484-1	SB-27-6	78	82	76	77	87	82
680-63484-2	SB-27-10.5	81	81	77	77	95	89
680-63484-3	SB-27-14	0D	0D	0D	0D	0D	0D
680-63484-4	SB-27-16	72	73	75	70	82	72
680-63484-5	SB-27-18	74	78	72	77	85	77
680-63484-8	SB-45-7	82	85	85	83	97	98
680-63484-9	SB-45-10	69	70	57	67	80	83
680-63484-10	SB-45-17	69	73	67	75	83	75
680-63484-11	SB-45-24	80	83	54	78	77	80
680-63484-12	SB-45-27	69	64	65	64	81	66
680-63484-13	SB-45-37	79	76	76	81	89	78
MB 680-187634/12-A		82	82	75	81	98	56X
LCS 680-187634/13-A		83	80	82	84	89	87
680-63484-1 MS	SB-27-6 MS	82	86	83	85	92	90
680-63484-1 MSD	SB-27-6 MSD	74	75	74	84	80	85

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	58-130
2FP = 2-Fluorophenol	40-130
NBZ = Nitrobenzene-d5	46-130
PHL = Phenol-d5	49-130
TPH = Terphenyl-d14	60-130
TBP = 2,4,6-Tribromophenol	58-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Surrogate Recovery Report

MAVPH Massachusetts - Volatile Petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT2 %Rec	TFT1 %Rec
680-63484-8	SB-45-7	748X	3424X
680-63484-9	SB-45-10	328X	1228X
680-63484-10	SB-45-17	90	95
680-63484-11	SB-45-24	105	106
680-63484-12	SB-45-27	99	104
680-63484-13	SB-45-37	93	98
MB 400-121716/1-A		114	118
LCS 400-121716/2-A		117	114
LCSD 400-121716/3-A		120	117

Surrogate	Acceptance Limits
TFT = a,a,a-Trifluorotoluene (fid)	70-130
TFT = a,a,a-Trifluorotoluene (pid)	70-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Surrogate Recovery Report

MA-EPH Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	1COD1 %Rec
680-63484-8	SB-45-7	60
680-63484-9	SB-45-10	48
680-63484-10	SB-45-17	65
680-63484-11	SB-45-24	61
680-63484-12	SB-45-27	53
680-63484-13	SB-45-37	77
MB 400-121385/17-A		73
LCS 400-121385/15-A		57
LCSD 400-121385/16-A		75

Surrogate	Acceptance Limits
1COD = 1-Chlorooctadecane	40-140

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Surrogate Recovery Report

MA-EPH Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH1 %Rec	FBP1 %Rec	2BN1 %Rec
680-63484-8	SB-45-7	92	73	82
680-63484-9	SB-45-10	78	82	93
680-63484-10	SB-45-17	118	86	97
680-63484-11	SB-45-24	94	74	83
680-63484-12	SB-45-27	81	74	82
680-63484-13	SB-45-37	108	78	88
MB 400-121385/17-A		120	79	89
LCS 400-121385/15-A		112	74	111
LCSD 400-121385/16-A		108	76	112

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	40-140
FBP = 2-Fluorobiphenyl	40-140
2BN = 2-Bromonaphthalene	40-140

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 680-187749

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-187749/6	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq245.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1153			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1153				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
Acetone	<25		25
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Bromomethane	<1.0		1.0
Carbon disulfide	<2.0		2.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Chloroethane	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroform	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Chloromethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
Dichlorobromomethane	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Methylene Chloride	<5.0		5.0
1,2-Dichlorobenzene	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Toluene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	101	70 - 130
4-Bromofluorobenzene	95	70 - 130
Dibromofluoromethane	101	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187749

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187749/3	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	oq237.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 0959			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 0959				

LCSD Lab Sample ID:	LCSD 680-187749/4	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	oq239.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1027			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1027				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	99	94	66 - 131	5	30		
1,1-Dichloroethane	104	103	70 - 130	1	30		
1,2-Dichloroethane	98	96	70 - 130	2	30		
Acetone	113	113	26 - 180	0	50		
2-Butanone (MEK)	113	116	49 - 172	2	30		
1,1,1-Trichloroethane	98	98	70 - 130	0	30		
Bromomethane	116	97	23 - 165	18	50		
Carbon disulfide	95	94	54 - 132	2	30		
1,1,2,2-Tetrachloroethane	101	104	70 - 130	3	30		
Carbon tetrachloride	93	92	70 - 130	0	30		
1,2-Dichloropropane	102	100	70 - 130	2	30		
Chloroethane	97	84	56 - 152	14	40		
Chlorodibromomethane	106	107	70 - 130	1	50		
Chloroform	106	103	70 - 130	3	30		
1,1,2-Trichloroethane	102	103	70 - 130	1	30		
Chloromethane	83	91	70 - 130	8	30		
Benzene	103	103	70 - 130	1	30		
cis-1,2-Dichloroethene	107	104	70 - 130	3	30		
cis-1,3-Dichloropropene	103	104	70 - 130	1	30		
Bromoform	99	99	70 - 130	0	30		
2-Hexanone	107	112	42 - 185	4	30		
Dichlorobromomethane	101	102	70 - 130	0	30		
4-Methyl-2-pentanone (MIBK)	101	105	70 - 130	3	30		
Methylene Chloride	104	100	67 - 130	3	30		
1,2-Dichlorobenzene	107	110	70 - 130	2	30		
Tetrachloroethene	103	103	70 - 130	0	30		
Chlorobenzene	105	103	70 - 130	1	30		
Toluene	101	101	70 - 130	0	30		
Ethylbenzene	102	103	70 - 130	1	30		
Styrene	99	98	70 - 130	1	30		
trans-1,2-Dichloroethene	103	100	70 - 130	2	30		
trans-1,3-Dichloropropene	103	101	70 - 130	2	50		
Trichloroethene	100	100	70 - 130	1	30		

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187749

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187749/3	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq237.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 0959			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 0959				

LCSD Lab Sample ID:	LCSD 680-187749/4	Analysis Batch:	680-187749	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq239.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1027			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1027				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	87	88	67 - 134	1	30		
Xylenes, Total	101	101	70 - 130	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	103	102	70 - 130
4-Bromofluorobenzene	99	100	70 - 130
Dibromofluoromethane	104	102	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 680-187772

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-187772/8	Analysis Batch:	680-187772	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq246.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1207			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1207				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
Acetone	<25		25
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Bromomethane	<1.0		1.0
Carbon disulfide	<2.0		2.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Chloroethane	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroform	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Chloromethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
Dichlorobromomethane	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Methylene Chloride	<5.0		5.0
1,2-Dichlorobenzene	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Toluene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	70 - 130
4-Bromofluorobenzene	90	70 - 130
Dibromofluoromethane	103	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187772

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-187772/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2010 1013
Date Prepared: 12/02/2010 1013

Analysis Batch: 680-187772
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq238.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-187772/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2010 1041
Date Prepared: 12/02/2010 1041

Analysis Batch: 680-187772
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq240.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	99	103	66 - 131	3	30		
1,1-Dichloroethane	102	102	70 - 130	0	30		
1,2-Dichloroethane	92	87	70 - 130	5	30		
Acetone	111	110	26 - 180	1	50		
2-Butanone (MEK)	107	103	49 - 172	3	30		
1,1,1-Trichloroethane	96	95	70 - 130	1	30		
Bromomethane	78	78	23 - 165	1	50		
Carbon disulfide	89	90	54 - 132	1	30		
1,1,2,2-Tetrachloroethane	101	98	70 - 130	4	30		
Carbon tetrachloride	90	91	70 - 130	0	30		
1,2-Dichloropropane	97	96	70 - 130	1	30		
Chloroethane	88	89	56 - 152	1	40		
Chlorodibromomethane	105	105	70 - 130	0	50		
Chloroform	102	102	70 - 130	1	30		
1,1,2-Trichloroethane	96	93	70 - 130	3	30		
Chloromethane	85	86	70 - 130	1	30		
Benzene	99	99	70 - 130	1	30		
cis-1,2-Dichloroethene	105	104	70 - 130	1	30		
cis-1,3-Dichloropropene	97	98	70 - 130	1	30		
Bromoform	99	100	70 - 130	1	30		
2-Hexanone	108	105	42 - 185	3	30		
Dichlorobromomethane	97	96	70 - 130	1	30		
4-Methyl-2-pentanone (MIBK)	91	90	70 - 130	1	30		
Methylene Chloride	92	93	67 - 130	1	30		
1,2-Dichlorobenzene	99	98	70 - 130	1	30		
Tetrachloroethene	108	111	70 - 130	2	30		
Chlorobenzene	106	103	70 - 130	3	30		
Toluene	95	97	70 - 130	2	30		
Ethylbenzene	103	102	70 - 130	0	30		
Styrene	103	100	70 - 130	3	30		
trans-1,2-Dichloroethene	103	104	70 - 130	1	30		
trans-1,3-Dichloropropene	100	96	70 - 130	4	50		
Trichloroethene	99	99	70 - 130	0	30		

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187772

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187772/5	Analysis Batch:	680-187772	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq238.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1013			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1013				

LCSD Lab Sample ID:	LCSD 680-187772/6	Analysis Batch:	680-187772	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq240.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2010 1041			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2010 1041				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	86	88	67 - 134	2	30		
Xylenes, Total	102	101	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	97	97	70 - 130
4-Bromofluorobenzene	98	96	70 - 130
Dibromofluoromethane	105	105	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 680-187864

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-187864/13	Analysis Batch:	680-187864	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq259.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1138			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1138				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
Acetone	<25		25
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Bromomethane	<1.0		1.0
Carbon disulfide	<2.0		2.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Chloroethane	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroform	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Chloromethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
Dichlorobromomethane	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Methylene Chloride	<5.0		5.0
1,2-Dichlorobenzene	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Toluene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	106	70 - 130
4-Bromofluorobenzene	97	70 - 130
Dibromofluoromethane	99	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187864

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-187864/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2010 0944
Date Prepared: 12/03/2010 0944

Analysis Batch: 680-187864
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq251.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-187864/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2010 1012
Date Prepared: 12/03/2010 1012

Analysis Batch: 680-187864
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq253.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	100	96	66 - 131	4	30		
1,1-Dichloroethane	103	104	70 - 130	0	30		
1,2-Dichloroethane	96	96	70 - 130	1	30		
Acetone	120	114	26 - 180	5	50		
2-Butanone (MEK)	120	122	49 - 172	1	30		
1,1,1-Trichloroethane	99	98	70 - 130	2	30		
Bromomethane	97	105	23 - 165	8	50		
Carbon disulfide	99	96	54 - 132	3	30		
1,1,2,2-Tetrachloroethane	105	106	70 - 130	1	30		
Carbon tetrachloride	91	91	70 - 130	1	30		
1,2-Dichloropropane	104	101	70 - 130	2	30		
Chloroethane	90	88	56 - 152	2	40		
Chlorodibromomethane	101	103	70 - 130	3	50		
Chloroform	106	105	70 - 130	1	30		
1,1,2-Trichloroethane	102	101	70 - 130	1	30		
Chloromethane	94	91	70 - 130	3	30		
Benzene	104	102	70 - 130	1	30		
cis-1,2-Dichloroethene	106	105	70 - 130	1	30		
cis-1,3-Dichloropropene	101	101	70 - 130	0	30		
Bromoform	94	99	70 - 130	4	30		
2-Hexanone	111	113	42 - 185	2	30		
Dichlorobromomethane	100	98	70 - 130	1	30		
4-Methyl-2-pentanone (MIBK)	103	103	70 - 130	0	30		
Methylene Chloride	103	101	67 - 130	2	30		
1,2-Dichlorobenzene	110	109	70 - 130	1	30		
Tetrachloroethene	103	105	70 - 130	1	30		
Chlorobenzene	104	105	70 - 130	1	30		
Toluene	101	99	70 - 130	1	30		
Ethylbenzene	104	103	70 - 130	1	30		
Styrene	100	100	70 - 130	0	30		
trans-1,2-Dichloroethene	102	101	70 - 130	1	30		
trans-1,3-Dichloropropene	99	99	70 - 130	0	50		
Trichloroethene	102	98	70 - 130	4	30		

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187864

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187864/10	Analysis Batch:	680-187864	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq251.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 0944			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 0944				

LCSD Lab Sample ID:	LCSD 680-187864/11	Analysis Batch:	680-187864	Instrument ID:	MSO
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq253.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1012			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1012				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	96	91	67 - 134	5	30		
Xylenes, Total	103	103	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	103	100	70 - 130
4-Bromofluorobenzene	101	100	70 - 130
Dibromofluoromethane	103	102	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 680-187998

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 680-187998/17	Analysis Batch:	680-187998	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	lq029.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/04/2010 1726			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
Acetone	<2000		2000
2-Butanone (MEK)	<1000		1000
1,1,1-Trichloroethane	<200		200
Bromomethane	<200		200
Carbon disulfide	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Carbon tetrachloride	<200		200
1,2-Dichloropropane	<200		200
Chloroethane	<200		200
Chlorodibromomethane	<200		200
Chloroform	<200		200
1,1,2-Trichloroethane	<200		200
Chloromethane	<200		200
Benzene	<200		200
cis-1,2-Dichloroethene	<200		200
cis-1,3-Dichloropropene	<200		200
Bromoform	<200		200
2-Hexanone	<1000		1000
Dichlorobromomethane	<200		200
4-Methyl-2-pentanone (MIBK)	<1000		1000
Methylene Chloride	<200		200
1,2-Dichlorobenzene	<200		200
Tetrachloroethene	<200		200
Chlorobenzene	<200		200
Toluene	<200		200
Ethylbenzene	<200		200
Styrene	<200		200
trans-1,2-Dichloroethene	<200		200
trans-1,3-Dichloropropene	<200		200
Trichloroethene	<200		200
Vinyl chloride	<200		200
Xylenes, Total	<400		400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)		
4-Bromofluorobenzene		
Dibromofluoromethane		

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187998

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-187998/14
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/04/2010 1615
Date Prepared: N/A

Analysis Batch: 680-187998
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq026.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-187998/15
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/04/2010 1636
Date Prepared: N/A

Analysis Batch: 680-187998
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq027.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	123	108	69 - 130	13	50		
1,1-Dichloroethane	109	103	70 - 130	6	50		
1,2-Dichloroethane	112	115	66 - 130	3	50		
Acetone	88	113	42 - 130	26	50		
2-Butanone (MEK)	90	85	70 - 130	6	50		
1,1,1-Trichloroethane	109	113	69 - 130	4	50		
Bromomethane	79	76	44 - 130	4	50		
Carbon disulfide	112	103	40 - 136	8	50		
1,1,2,2-Tetrachloroethane	93	94	70 - 130	2	50		
Carbon tetrachloride	104	109	68 - 130	5	50		
1,2-Dichloropropane	111	108	70 - 130	3	50		
Chloroethane	104	98	36 - 150	6	50		
Chlorodibromomethane	105	106	70 - 130	2	50		
Chloroform	105	97	70 - 130	9	50		
1,1,2-Trichloroethane	103	108	70 - 130	5	50		
Chloromethane	107	102	62 - 135	5	50		
Benzene	99	107	70 - 130	7	50		
cis-1,2-Dichloroethene	106	97	70 - 130	9	50		
cis-1,3-Dichloropropene	109	122	70 - 130	11	50		
Bromoform	96	96	70 - 130	0	50		
2-Hexanone	98	98	65 - 130	0	50		
Dichlorobromomethane	111	113	70 - 130	2	50		
4-Methyl-2-pentanone (MIBK)	93	96	64 - 130	4	50		
Methylene Chloride	129	119	52 - 135	8	50		
1,2-Dichlorobenzene	103	105	70 - 130	2	50		
Tetrachloroethene	88	96	70 - 130	9	50		
Chlorobenzene	99	100	70 - 130	1	50		
Toluene	97	105	70 - 130	8	50		
Ethylbenzene	98	99	70 - 130	1	50		
Styrene	109	108	70 - 130	1	50		
trans-1,2-Dichloroethene	132	122	70 - 130	8	50	*	
trans-1,3-Dichloropropene	99	107	69 - 130	7	50		
Trichloroethene	98	101	70 - 130	4	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187998

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-187998/14	Analysis Batch:	680-187998	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq026.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/04/2010 1615			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-187998/15	Analysis Batch:	680-187998	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq027.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/04/2010 1636			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	105	95	65 - 135	10	50		
Xylenes, Total	103	103	70 - 130	1	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	97	100	65 - 130
4-Bromofluorobenzene	112	115	65 - 130
Dibromofluoromethane	108	97	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 680-188140

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 680-188140/9	Analysis Batch:	680-188140	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq212.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 2013			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
Acetone	<50		50
2-Butanone (MEK)	<25		25
1,1,1-Trichloroethane	<5.0		5.0
Bromomethane	<5.0		5.0
Carbon disulfide	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
Chloroethane	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
Chloroform	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Chloromethane	<5.0		5.0
Benzene	<5.0		5.0
cis-1,2-Dichloroethene	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Bromoform	<5.0		5.0
2-Hexanone	<25		25
Dichlorobromomethane	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<25		25
Methylene Chloride	<5.0		5.0
1,2-Dichlorobenzene	<5.0		5.0
Tetrachloroethene	<5.0		5.0
Chlorobenzene	<5.0		5.0
Toluene	<5.0		5.0
Ethylbenzene	<5.0		5.0
Styrene	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Vinyl chloride	<5.0		5.0
Xylenes, Total	<10		10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	65 - 130
4-Bromofluorobenzene	98	65 - 130
Dibromofluoromethane	94	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188140

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188140/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 1830
Date Prepared: N/A

Analysis Batch: 680-188140
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq207.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188140/7
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 1850
Date Prepared: N/A

Analysis Batch: 680-188140
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq208.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	102	106	69 - 130	4	50		
1,1-Dichloroethane	93	95	70 - 130	2	50		
1,2-Dichloroethane	99	98	66 - 130	1	50		
Acetone	157	169	42 - 130	7	50	*	*
2-Butanone (MEK)	116	111	70 - 130	5	50		
1,1,1-Trichloroethane	99	97	69 - 130	2	50		
Bromomethane	86	95	44 - 130	9	50		
Carbon disulfide	88	90	40 - 136	2	50		
1,1,2,2-Tetrachloroethane	96	89	70 - 130	7	50		
Carbon tetrachloride	98	94	68 - 130	4	50		
1,2-Dichloropropane	96	91	70 - 130	5	50		
Chloroethane	93	97	36 - 150	4	50		
Chlorodibromomethane	101	95	70 - 130	7	50		
Chloroform	99	102	70 - 130	3	50		
1,1,2-Trichloroethane	102	95	70 - 130	6	50		
Chloromethane	90	91	62 - 135	1	50		
Benzene	95	91	70 - 130	4	50		
cis-1,2-Dichloroethene	92	92	70 - 130	1	50		
cis-1,3-Dichloropropene	98	94	70 - 130	4	50		
Bromoform	105	95	70 - 130	9	50		
2-Hexanone	106	102	65 - 130	4	50		
Dichlorobromomethane	103	98	70 - 130	5	50		
4-Methyl-2-pentanone (MIBK)	103	93	64 - 130	11	50		
Methylene Chloride	94	94	52 - 135	1	50		
1,2-Dichlorobenzene	90	86	70 - 130	5	50		
Tetrachloroethene	91	89	70 - 130	3	50		
Chlorobenzene	93	91	70 - 130	2	50		
Toluene	92	90	70 - 130	2	50		
Ethylbenzene	93	90	70 - 130	4	50		
Styrene	92	89	70 - 130	4	50		
trans-1,2-Dichloroethene	94	97	70 - 130	3	50		
trans-1,3-Dichloropropene	97	91	69 - 130	7	50		
Trichloroethene	99	97	70 - 130	2	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188140

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188140/6	Analysis Batch:	680-188140	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq207.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1830			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188140/7	Analysis Batch:	680-188140	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq208.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1850			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	83	87	65 - 135	5	50		
Xylenes, Total	92	91	70 - 130	2	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	92	65 - 130
4-Bromofluorobenzene	90	90	65 - 130
Dibromofluoromethane	93	95	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 680-187634

Method: 8270C
Preparation: 3546

Lab Sample ID:	MB 680-187634/12-A	Analysis Batch:	680-188137	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-187634	Lab File ID:	g4550.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.35 g
Date Analyzed:	12/06/2010 1724			Final Weight/Volume:	1 mL
Date Prepared:	12/01/2010 1625			Injection Volume:	1 uL

Analyte	Result	Qual	RL
Acenaphthene	<330		330
Acenaphthylene	<330		330
Anthracene	<330		330
Benzo[a]anthracene	<330		330
Benzo[b]fluoranthene	<330		330
Benzo[k]fluoranthene	<330		330
Benzo[g,h,i]perylene	<330		330
Benzo[a]pyrene	<330		330
Bis(2-chloroethoxy)methane	<330		330
Bis(2-chloroethyl)ether	<330		330
Bis(2-ethylhexyl) phthalate	<330		330
4-Bromophenyl phenyl ether	<330		330
Butyl benzyl phthalate	<330		330
Carbazole	<330		330
4-Chloroaniline	<650		650
4-Chloro-3-methylphenol	<330		330
2-Chloronaphthalene	<330		330
2-Chlorophenol	<330		330
4-Chlorophenyl phenyl ether	<330		330
Chrysene	<330		330
Dibenz(a,h)anthracene	<330		330
Dibenzofuran	<330		330
Di-n-butyl phthalate	<330		330
1,2-Dichlorobenzene	<330		330
1,3-Dichlorobenzene	<330		330
1,4-Dichlorobenzene	<330		330
3,3'-Dichlorobenzidine	<650		650
2,4-Dichlorophenol	<330		330
Diethyl phthalate	<330		330
2,4-Dimethylphenol	<330		330
Dimethyl phthalate	<330		330
4,6-Dinitro-2-methylphenol	<1700		1700
2,4-Dinitrophenol	<1700		1700
2,4-Dinitrotoluene	<330		330
2,6-Dinitrotoluene	<330		330
Di-n-octyl phthalate	<330		330
N-Nitrosodiphenylamine	<330		330
Fluoranthene	<330		330
Fluorene	<330		330
Hexachlorobenzene	<330		330
Hexachlorobutadiene	<330		330
Hexachlorocyclopentadiene	<330		330
Hexachloroethane	<330		330

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 680-187634

Method: 8270C
Preparation: 3546

Lab Sample ID:	MB 680-187634/12-A	Analysis Batch:	680-188137	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-187634	Lab File ID:	g4550.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.35 g
Date Analyzed:	12/06/2010 1724			Final Weight/Volume:	1 mL
Date Prepared:	12/01/2010 1625			Injection Volume:	1 uL

Analyte	Result	Qual	RL
Indeno[1,2,3-cd]pyrene	<330		330
Isophorone	<330		330
2-Methylnaphthalene	<330		330
2-Methylphenol	<330		330
3 & 4 Methylphenol	<330		330
Naphthalene	<330		330
2-Nitroaniline	<1700		1700
3-Nitroaniline	<1700		1700
4-Nitroaniline	<1700		1700
Nitrobenzene	<330		330
2-Nitrophenol	<330		330
4-Nitrophenol	<1700		1700
N-Nitrosodi-n-propylamine	<330		330
Pentachlorophenol	<1700		1700
Phenanthrene	<330		330
Phenol	<330		330
Pyrene	<330		330
1,2,4-Trichlorobenzene	<330		330
2,4,5-Trichlorophenol	<330		330
2,4,6-Trichlorophenol	<330		330
bis(chloroisopropyl) ether	<330		330
1,4-Dioxane	<330		330

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl	82		58 - 130
2-Fluorophenol	82		40 - 130
Nitrobenzene-d5	75		46 - 130
Phenol-d5	81		49 - 130
Terphenyl-d14	98		60 - 130
2,4,6-Tribromophenol	56	X	58 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample - Batch: 680-187634

Method: 8270C
Preparation: 3546

Lab Sample ID: LCS 680-187634/13-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 1749
Date Prepared: 12/01/2010 1625

Analysis Batch: 680-188137
Prep Batch: 680-187634
Units: ug/Kg

Instrument ID: MSG
Lab File ID: g4551.d
Initial Weight/Volume: 30.50 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3280	2710	83	58 - 130	
Acenaphthylene	3280	2850	87	58 - 130	
Anthracene	3280	2790	85	60 - 130	
Benzo[a]anthracene	3280	2890	88	62 - 130	
Benzo[b]fluoranthene	3280	2840	87	53 - 130	
Benzo[k]fluoranthene	3280	2790	85	57 - 130	
Benzo[g,h,i]perylene	3280	2940	90	54 - 130	
Benzo[a]pyrene	3280	3300	101	68 - 131	
Bis(2-chloroethoxy)methane	3280	2810	86	56 - 130	
Bis(2-chloroethyl)ether	3280	2520	77	42 - 130	
Bis(2-ethylhexyl) phthalate	3280	2960	90	62 - 132	
4-Bromophenyl phenyl ether	3280	2890	88	65 - 130	
Butyl benzyl phthalate	3280	3140	96	65 - 134	
Carbazole	3280	2880	88	60 - 130	
4-Chloroaniline	3280	1210	37	36 - 130	
4-Chloro-3-methylphenol	3280	2690	82	52 - 130	
2-Chloronaphthalene	3280	2550	78	55 - 130	
2-Chlorophenol	3280	2510	77	51 - 130	
4-Chlorophenyl phenyl ether	3280	2880	88	61 - 130	
Chrysene	3280	2910	89	62 - 130	
Dibenz(a,h)anthracene	3280	2840	87	56 - 130	
Dibenzofuran	3280	2690	82	56 - 130	
Di-n-butyl phthalate	3280	3010	92	65 - 130	
1,2-Dichlorobenzene	3280	2290	70	46 - 130	
1,3-Dichlorobenzene	3280	2300	70	45 - 130	
1,4-Dichlorobenzene	3280	2250	69	45 - 130	
3,3'-Dichlorobenzidine	3280	1290	39	45 - 130	*
2,4-Dichlorophenol	3280	2580	79	53 - 130	
Diethyl phthalate	3280	2930	89	62 - 130	
2,4-Dimethylphenol	3280	2350	72	47 - 130	
Dimethyl phthalate	3280	2910	89	63 - 130	
4,6-Dinitro-2-methylphenol	3280	2090	64	14 - 137	
2,4-Dinitrophenol	3280	<1700	50	10 - 154	
2,4-Dinitrotoluene	3280	2880	88	55 - 130	
2,6-Dinitrotoluene	3280	2720	83	57 - 130	
Di-n-octyl phthalate	3280	3100	95	59 - 146	
N-Nitrosodiphenylamine	3280	3060	93	62 - 130	
Fluoranthene	3280	2860	87	62 - 130	
Fluorene	3280	2790	85	58 - 130	
Hexachlorobenzene	3280	2750	84	59 - 130	
Hexachlorobutadiene	3280	2630	80	47 - 130	
Hexachlorocyclopentadiene	3280	2550	78	35 - 130	
Hexachloroethane	3280	2170	66	44 - 130	

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample - Batch: 680-187634

Method: 8270C
Preparation: 3546

Lab Sample ID: LCS 680-187634/13-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 1749
Date Prepared: 12/01/2010 1625

Analysis Batch: 680-188137
Prep Batch: 680-187634
Units: ug/Kg

Instrument ID: MSG
Lab File ID: g4551.d
Initial Weight/Volume: 30.50 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Indeno[1,2,3-cd]pyrene	3280	2860	87	52 - 130	
Isophorone	3280	2370	72	48 - 130	
2-Methylnaphthalene	3280	2600	79	55 - 130	
2-Methylphenol	3280	2560	78	49 - 130	
3 & 4 Methylphenol	3280	2730	83	50 - 130	
Naphthalene	3280	2510	77	54 - 130	
2-Nitroaniline	3280	2790	85	52 - 130	
3-Nitroaniline	3280	1900	58	42 - 130	
4-Nitroaniline	3280	2680	82	49 - 130	
Nitrobenzene	3280	2510	77	43 - 130	
2-Nitrophenol	3280	2410	73	45 - 130	
4-Nitrophenol	3280	2550	78	30 - 130	
N-Nitrosodi-n-propylamine	3280	2540	78	48 - 130	
Pentachlorophenol	3280	2000	61	38 - 131	
Phenanthrene	3280	2840	87	61 - 130	
Phenol	3280	2470	75	46 - 130	
Pyrene	3280	2930	89	59 - 130	
1,2,4-Trichlorobenzene	3280	2440	74	51 - 130	
2,4,5-Trichlorophenol	3280	2700	82	60 - 130	
2,4,6-Trichlorophenol	3280	2610	79	53 - 130	
bis(chloroisopropyl) ether	3280	2580	79	44 - 130	
1,4-Dioxane	3280	1210	37	10 - 130	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	83	58 - 130
2-Fluorophenol	80	40 - 130
Nitrobenzene-d5	82	46 - 130
Phenol-d5	84	49 - 130
Terphenyl-d14	89	60 - 130
2,4,6-Tribromophenol	87	58 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-187634

Method: 8270C
Preparation: 3546

MS Lab Sample ID:	680-63484-1	Analysis Batch: 680-188137	Instrument ID:	MSG	
Client Matrix:	Solid	Prep Batch: 680-187634	Lab File ID:	g4552.d	
Dilution:	1.0		Initial Weight/Volume:	30.15	g
Date Analyzed:	12/06/2010 1814		Final Weight/Volume:	1	mL
Date Prepared:	12/01/2010 1625		Injection Volume:	1	uL

MSD Lab Sample ID:	680-63484-1	Analysis Batch: 680-188137	Instrument ID:	MSG	
Client Matrix:	Solid	Prep Batch: 680-187634	Lab File ID:	g4553.d	
Dilution:	1.0		Initial Weight/Volume:	30.29	g
Date Analyzed:	12/06/2010 1839		Final Weight/Volume:	1	mL
Date Prepared:	12/01/2010 1625		Injection Volume:	1	uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	84	79	46 - 142	7	50		
Acenaphthylene	89	81	46 - 142	9	50		
Anthracene	91	84	48 - 142	8	50		
Benzo[a]anthracene	96	81	51 - 141	17	50		
Benzo[b]fluoranthene	97	76	40 - 143	25	50		
Benzo[k]fluoranthene	90	85	45 - 142	6	50		
Benzo[g,h,i]perylene	97	80	41 - 143	19	50		
Benzo[a]pyrene	110	92	58 - 142	18	50		
Bis(2-chloroethoxy)methane	91	86	44 - 142	6	50		
Bis(2-chloroethyl)ether	79	71	27 - 145	11	50		
Bis(2-ethylhexyl) phthalate	95	85	50 - 144	12	50		
4-Bromophenyl phenyl ether	94	89	54 - 141	5	50		
Butyl benzyl phthalate	102	89	54 - 146	14	50		
Carbazole	91	83	48 - 142	9	50		
4-Chloroaniline	71	68	20 - 146	4	50		
4-Chloro-3-methylphenol	84	89	39 - 143	5	50		
2-Chloronaphthalene	82	75	43 - 143	10	50		
2-Chlorophenol	83	80	38 - 143	4	50		
4-Chlorophenyl phenyl ether	89	84	50 - 142	5	50		
Chrysene	96	82	51 - 141	16	50		
Dibenz(a,h)anthracene	96	79	44 - 142	19	50		
Dibenzofuran	85	78	44 - 142	8	50		
Di-n-butyl phthalate	94	86	54 - 141	8	50		
1,2-Dichlorobenzene	76	71	32 - 144	8	50		
1,3-Dichlorobenzene	73	67	31 - 144	9	50		
1,4-Dichlorobenzene	71	67	31 - 144	7	50		
3,3'-Dichlorobenzidine	56	58	31 - 144	3	50		
2,4-Dichlorophenol	91	82	40 - 143	11	50		
Diethyl phthalate	93	88	51 - 141	7	50		
2,4-Dimethylphenol	69	69	33 - 144	1	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-187634

Method: 8270C
Preparation: 3546

MS Lab Sample ID:	680-63484-1	Analysis Batch:	680-188137	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-187634	Lab File ID:	g4552.d
Dilution:	1.0			Initial Weight/Volume:	30.15 g
Date Analyzed:	12/06/2010 1814			Final Weight/Volume:	1 mL
Date Prepared:	12/01/2010 1625			Injection Volume:	1 uL

MSD Lab Sample ID:	680-63484-1	Analysis Batch:	680-188137	Instrument ID:	MSG
Client Matrix:	Solid	Prep Batch:	680-187634	Lab File ID:	g4553.d
Dilution:	1.0			Initial Weight/Volume:	30.29 g
Date Analyzed:	12/06/2010 1839			Final Weight/Volume:	1 mL
Date Prepared:	12/01/2010 1625			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dimethyl phthalate	90	85	52 - 141	6	50		
4,6-Dinitro-2-methylphenol	90	83	10 - 158	9	50		
2,4-Dinitrophenol	91	78	10 - 178	16	50		
2,4-Dinitrotoluene	94	83	43 - 143	13	50		
2,6-Dinitrotoluene	87	79	45 - 142	9	50		
Di-n-octyl phthalate	97	87	45 - 161	12	50		
N-Nitrosodiphenylamine	92	82	51 - 141	12	50		
Fluoranthene	92	84	51 - 141	9	50		
Fluorene	86	82	46 - 142	5	50		
Hexachlorobenzene	90	82	47 - 142	9	50		
Hexachlorobutadiene	82	79	33 - 144	5	50		
Hexachlorocyclopentadiene	85	65	19 - 146	27	50		
Hexachloroethane	70	66	30 - 144	6	50		
Indeno[1,2,3-cd]pyrene	96	77	39 - 143	22	50		
Isophorone	83	63	34 - 144	9	50	E	E
2-Methylnaphthalene	80	81	43 - 143	0	50		
2-Methylphenol	81	81	36 - 144	1	50		
3 & 4 Methylphenol	81	88	37 - 143	8	50		
Naphthalene	80	75	41 - 143	6	50		
2-Nitroaniline	91	81	39 - 143	12	50		
3-Nitroaniline	86	79	27 - 145	9	50		
4-Nitroaniline	89	81	36 - 144	11	50		
Nitrobenzene	78	70	29 - 145	12	50		
2-Nitrophenol	75	69	31 - 144	9	50		
4-Nitrophenol	84	71	13 - 147	17	50		
N-Nitrosodi-n-propylamine	83	88	34 - 144	5	50		
Pentachlorophenol	87	75	23 - 147	16	50		
Phenanthrene	92	84	50 - 142	10	50		
Phenol	85	81	32 - 144	5	50		
Pyrene	98	84	47 - 142	17	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-187634

Method: 8270C
Preparation: 3546

MS Lab Sample ID:	680-63484-1	Analysis Batch: 680-188137	Instrument ID:	MSG	
Client Matrix:	Solid	Prep Batch: 680-187634	Lab File ID:	g4552.d	
Dilution:	1.0		Initial Weight/Volume:	30.15	g
Date Analyzed:	12/06/2010 1814		Final Weight/Volume:	1	mL
Date Prepared:	12/01/2010 1625		Injection Volume:	1	uL

MSD Lab Sample ID:	680-63484-1	Analysis Batch: 680-188137	Instrument ID:	MSG	
Client Matrix:	Solid	Prep Batch: 680-187634	Lab File ID:	g4553.d	
Dilution:	1.0		Initial Weight/Volume:	30.29	g
Date Analyzed:	12/06/2010 1839		Final Weight/Volume:	1	mL
Date Prepared:	12/01/2010 1625		Injection Volume:	1	uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4-Trichlorobenzene	79	73	38 - 143	9	50		
2,4,5-Trichlorophenol	92	85	48 - 142	8	50		
2,4,6-Trichlorophenol	86	75	40 - 143	14	50		
bis(chloroisopropyl) ether	83	81	30 - 144	2	50		
1,4-Dioxane	26	25	10 - 150	2	50		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	82	74	58 - 130
2-Fluorophenol	86	75	40 - 130
Nitrobenzene-d5	83	74	46 - 130
Phenol-d5	85	84	49 - 130
Terphenyl-d14	92	80	60 - 130
2,4,6-Tribromophenol	90	85	58 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 400-121716

Method: MAVPH
Preparation: 5035

Lab Sample ID: MB 400-121716/1-A
Client Matrix: Solid
Dilution: 50
Date Analyzed: 12/01/2010 0255
Date Prepared: 11/30/2010 1635

Analysis Batch: 400-122022
Prep Batch: 400-121716
Units: mg/Kg

Instrument ID: TRACY
Lab File ID: T113018.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 15.00 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
C5-C8 Aliphatics	<2.7		2.7
C9-C12 Aliphatics	<1.4		1.4
C9-C10 Aromatics	<0.75		0.75

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	114	70 - 130
a,a,a-Trifluorotoluene (pid)	118	70 - 130

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 400-121716

Method: MAVPH
Preparation: 5035

LCS Lab Sample ID: LCS 400-121716/2-A
Client Matrix: Solid
Dilution: 50
Date Analyzed: 12/01/2010 0355
Date Prepared: 11/30/2010 1635

Analysis Batch: 400-122022
Prep Batch: 400-121716
Units: mg/Kg

Instrument ID: TRACY
Lab File ID: T113019.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 15.00 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 400-121716/3-A
Client Matrix: Solid
Dilution: 50
Date Analyzed: 12/01/2010 0455
Date Prepared: 11/30/2010 1635

Analysis Batch: 400-122022
Prep Batch: 400-121716
Units: mg/Kg

Instrument ID: TRACY
Lab File ID: T113020.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 15.00 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C5-C8 Aliphatics	95	91	70 - 130	4	50		
C9-C12 Aliphatics	82	78	70 - 130	5	50		
C9-C10 Aromatics	109	102	70 - 130	6	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	117	120	70 - 130
a,a,a-Trifluorotoluene (pid)	114	117	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Method Blank - Batch: 400-121385

Method: MA-EPH
Preparation: 3541

Lab Sample ID: MB 400-121385/17-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/01/2010 1613
Date Prepared: 11/29/2010 0817

Analysis Batch: 400-121670
Prep Batch: 400-121385
Units: mg/Kg

Instrument ID: FLASH
Lab File ID: 1901019.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
C9-C18 Aliphatics	<1.6		1.6
C19-C36 Aliphatics	<1.6		1.6

Surrogate	% Rec	Acceptance Limits
1-Chlorooctadecane	73	40 - 140

Method Blank - Batch: 400-121385

Method: MA-EPH
Preparation: 3541

Lab Sample ID: MB 400-121385/17-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/01/2010 1950
Date Prepared: 11/29/2010 0817

Analysis Batch: 400-121672
Prep Batch: 400-121385
Units: mg/Kg

Instrument ID: FLASH
Lab File ID: 5601056.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
C11-C22 Aromatics	<1.6		1.6

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	120	40 - 140
2-Fluorobiphenyl	79	40 - 140
2-Bromonaphthalene	89	40 - 140

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 400-121385

Method: MA-EPH
Preparation: 3541

LCS Lab Sample ID:	LCS 400-121385/15-A	Analysis Batch:	400-121670	Instrument ID:	FLASH
Client Matrix:	Solid	Prep Batch:	400-121385	Lab File ID:	2001020.D
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	12/01/2010 1619			Final Weight/Volume:	2.0 mL
Date Prepared:	11/29/2010 0817			Injection Volume:	
				Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 400-121385/16-A	Analysis Batch:	400-121670	Instrument ID:	FLASH
Client Matrix:	Solid	Prep Batch:	400-121385	Lab File ID:	2101021.D
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	12/01/2010 1625			Final Weight/Volume:	2.0 mL
Date Prepared:	11/29/2010 0817			Injection Volume:	
				Column ID:	PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C9-C18 Aliphatics	68	77	40 - 140	11	50		
C19-C36 Aliphatics	84	93	40 - 140	10	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1-Chlorooctadecane	57	75	40 - 140

Client: ARCADIS U.S., Inc.

Job Number: 680-63484-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 400-121385

Method: MA-EPH
Preparation: 3541

LCS Lab Sample ID:	LCS 400-121385/15-A	Analysis Batch:	400-121672	Instrument ID:	FLASH
Client Matrix:	Solid	Prep Batch:	400-121385	Lab File ID:	5701057.D
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	12/01/2010 1956			Final Weight/Volume:	2.0 mL
Date Prepared:	11/29/2010 0817			Injection Volume:	
				Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 400-121385/16-A	Analysis Batch:	400-121672	Instrument ID:	FLASH
Client Matrix:	Solid	Prep Batch:	400-121385	Lab File ID:	5801058.D
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	12/01/2010 2001			Final Weight/Volume:	2.0 mL
Date Prepared:	11/29/2010 0817			Injection Volume:	
				Column ID:	PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C11-C22 Aromatics	93	88	40 - 140	6	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	112	108	40 - 140
2-Fluorobiphenyl	74	76	40 - 140
2-Bromonaphthalene	111	112	40 - 140

ARCADIS Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 1 of 3

Project Number/Name OH004000.NC04.11303

Project Location Greensboro, NC

Laboratory Test America

Project Manager Ryan Gerber

Sampler(s)/Affiliation Matt Webb

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	VOCs - EPA 8260 ~~SVOCs~~ 3-VOAs soil	SVOCs - EPA 8270 1-8oz jar	VOCs EPA 8260 3-VOA w/ HCl water	Soil Moisture (for VOCs)			Remarks	Total
SB-27-~~7~~6	Soil	11/22/10/11:40		X	X					3VOAs, 1-8oz Jar	4
SB-27-10.5		/11:55									
SB-27-14		/12:20									
SB-27-16		/12:35									
SB-27-18		/13:00									
SB-27-48GW	W	/15:00		~~X~~ mw		X				3VOA w/ HCl	3
SB-27-22GW		/16:35		~~X~~ mw							
SB-45-7	S	11/23/10/9:10		X	X		X			3 VOA, 1-8oz Jar 1-plastic bottle	4
SB-45-10		/9:30									
SB-45-17		/10:10									
SB-45-24		/10:30									
SB-45-27		/10:45									
SB-45-37		/11:00									
SB-45-22GW	W					X				3-VOA w/ HCl	3
SB-45-40GW				mw	mw						

Total No. of Bottles/Containers 56

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: Matt Webb	Organization: Arcadis	Date 11/23/10	Time 1700	Seal Intact? Yes No N/A
Received by: Beth A Daughtry	Organization: TA SAV	Date 11/24/10	Time 0938	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks:

- For Abby Yant

Temp 2.7/3.4 680-63484

- Please Obtain soil moisture from 8oz sample for 8270

Delivery Method: ☐ In Person ☐ Common Carrier _____ ☐ Lab Courier ☒ Other Fed Ex

12/14/2010

ARCADIS Laboratory Task Order No./P.O. No. _____ **CHAIN-OF-CUSTODY RECORD** Page 2 of 2

Project Number/Name OH004000 N004.11303

Project Location Greensboro NC

Laboratory Test America

Project Manager Ryan Gerber

Sampler(s)/Affiliation Matt Webb

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	VOCs 8260 3 VOAs, soil ~~[illegible]~~	Soil moisture (for VOCs)	VOCs EPA 826 3-VOAs w/ HCl				Remarks	Total
SB-26-9	S	11/23/10/13:45		X	X					3-VOAs, 1 Plastic Jar	4
SB-26-20	↓	/14:20		↓	↓					↓	↓
SB-26-29	↓	/14:50		↓	↓					↓	↓
SB-26-36	↓	/15:05		↓	↓					↓	↓
SB-26-46	↓	/16:20		↓	↓					↓	↓
~~SB-26~~	↓	↓									
SB-26-~~20GW~~ 16GW		/14:00				X				3-VOAs	3
SB-26-40GW		/15:20				↓				↓	↓

Total No. of Bottles/Containers 26

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: Matt Webb	Organization: Arcadis	Date 11/23/10	Time 17:00	Seal Intact? Yes No N/A
Received by: Beth O'Daughtry	Organization: TA SAV	Date 11/24/10	Time 0938	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks: Temp 2.7/3.4 680-63484

Delivery Method: ☐ In Person ☐ Common Carrier _____ ☐ Lab Courier ☐ Other _____

680-63484

ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

Project Number/Name DH004000.NC04.11303

Project Location Greensboro, NC

Laboratory Test America

Project Manager Ryan Gerber

Sampler(s)/Affiliation Matt Webb

1.7°C

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	VPH, Madep 3-VOAs	EPH, Madep 1-4oz Jar					Remarks	Total
SB-27-7 ✓	S	11/22/10/11:40		X	X					Hold	4
SB-27-10.5 ✓		/11:55									
SB-27-14 ✓		/12:20									
SB-27-16 ✓		/12:35									
SB-27-18 ✓		/13:00									
SB-45-7 ✓		11/23/10/9:10									
SB-45-10 ✓		/9:30									
SB-45-17 ✓		/10:10									
SB-45-24 ✓		/10:30									
SB-45-27 ✓		/10:45									
SB-45-37 ✓		/11:00									

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 44

Relinquished by: Matthew Webb	Organization: Arcadis	Date 11/23/10	Time 17:00	Seal Intact? Yes No N/A
Received by: [signature]	Organization: TA Pensacola	Date 11/24/10	Time 1025	
Relinquished by:	Organization:	Date / /	Time	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	

Special Instructions/Remarks:

Send data to Abby Yant @ Test America Savannah

Delivery Method: ☐ In Person ☐ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-12/01

12/14/2010

ANALYTICAL REPORT

Job Number: 680-63549-1

Job Description: Ashland Greensboro

For:
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Attention: Mr. Don Malone

Approved for release.
Abbie G Yant
Project Manager I
12/14/2010 6:28 PM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com
12/14/2010

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 188029 had two analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: SB-25-47 (680-63549-14), SB-36-26 (680-63549-2).

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: SB-36-37 (680-63549-1). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 188140 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The method blank for batch 188140 contained acetone above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: SB-25-28.5 (680-63549-11), SB-36-15 (680-63549-6). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch 188190 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: SB-25-53 (680-63549-15). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 188315 had two analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

VOA Prep
Method(s) 5035: The Encore vials submitted for the following sample(s) contained significantly less than 5 grams: SB-36-26 (680-63549-2).

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 680-63549-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Closed System Purge and Trap	TAL SAV		SW846 5035
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030B

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB
SW846 8260B	Sokolin, Eleina	ES

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 680-63549-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-63549-1	SB-36-37	Solid	11/24/2010 1145	11/30/2010 1006
680-63549-2	SB-36-26	Solid	11/24/2010 1000	11/30/2010 1006
680-63549-3	SB-36-11	Solid	11/24/2010 0915	11/30/2010 1006
680-63549-4	SB-36-7	Solid	11/24/2010 0905	11/30/2010 1006
680-63549-5	SB-26-55	Solid	11/24/2010 1700	11/30/2010 1006
680-63549-6	SB-36-15	Solid	11/24/2010 0930	11/30/2010 1006
680-63549-7	SB-26-60GW	Water	11/24/2010 0730	11/30/2010 1006
680-63549-8	SB-25-6	Solid	11/29/2010 0845	11/30/2010 1006
680-63549-9	SB-25-12	Solid	11/29/2010 0900	11/30/2010 1006
680-63549-10	SB-25-19	Solid	11/29/2010 0945	11/30/2010 1006
680-63549-11	SB-25-28.5	Solid	11/29/2010 1110	11/30/2010 1006
680-63549-12	SB-25-35.5	Solid	11/29/2010 1200	11/30/2010 1006
680-63549-13	SB-25-42GW	Water	11/29/2010 1310	11/30/2010 1006
680-63549-14	SB-25-47	Solid	11/29/2010 1420	11/30/2010 1006
680-63549-15	SB-25-53	Solid	11/29/2010 1450	11/30/2010 1006

SAMPLE RESULTS

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-37**
Lab Sample ID: **680-63549-1**

Date Sampled: 11/24/2010 1145
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/06/2010 1852	
Prep Method: 5035		Date Prepared:	12/01/2010 0950	
Chloromethane	<1100	ug/Kg	1100	200
Bromomethane	<1100	ug/Kg	1100	200
Vinyl chloride	<1100	ug/Kg	1100	200
Chloroethane	<1100	ug/Kg	1100	200
Methylene Chloride	9900	ug/Kg	1100	200
Acetone	18000	ug/Kg	11000	200
Carbon disulfide	<1100	ug/Kg	1100	200
1,1-Dichloroethene	<1100	ug/Kg	1100	200
1,1-Dichloroethane	<1100	ug/Kg	1100	200
cis-1,2-Dichloroethene	<1100	ug/Kg	1100	200
trans-1,2-Dichloroethene	<1100	ug/Kg	1100	200
Chloroform	<1100	ug/Kg	1100	200
1,2-Dichloroethane	<1100	ug/Kg	1100	200
2-Butanone (MEK)	<5300	ug/Kg	5300	200
1,1,1-Trichloroethane	<1100	ug/Kg	1100	200
Carbon tetrachloride	<1100	ug/Kg	1100	200
Dichlorobromomethane	<1100	ug/Kg	1100	200
1,1,2,2-Tetrachloroethane	<1100	ug/Kg	1100	200
1,2-Dichloropropane	<1100	ug/Kg	1100	200
trans-1,3-Dichloropropene	<1100	ug/Kg	1100	200
Trichloroethene	<1100	ug/Kg	1100	200
Chlorodibromomethane	<1100	ug/Kg	1100	200
1,1,2-Trichloroethane	<1100	ug/Kg	1100	200
Benzene	<1100	ug/Kg	1100	200
cis-1,3-Dichloropropene	<1100	ug/Kg	1100	200
Bromoform	<1100	ug/Kg	1100	200
2-Hexanone	<5300	ug/Kg	5300	200
4-Methyl-2-pentanone (MIBK)	<5300	ug/Kg	5300	200
Tetrachloroethene	5500	ug/Kg	1100	200
1,2-Dichlorobenzene	<1100	ug/Kg	1100	200
Toluene	11000	ug/Kg	1100	200
Chlorobenzene	<1100	ug/Kg	1100	200
Ethylbenzene	<1100	ug/Kg	1100	200
Styrene	<1100	ug/Kg	1100	200
Xylenes, Total	<2100	ug/Kg	2100	200

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	55	X	%	65 - 130
4-Bromofluorobenzene	72		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-37**
Lab Sample ID: **680-63549-1**

Date Sampled: 11/24/2010 1145
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	62	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-26**
Lab Sample ID: **680-63549-2**

Date Sampled: 11/24/2010 1000
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/06/2010 1522	
Prep Method: 5035		Date Prepared:	12/01/2010 0950	
Chloromethane	<2300	ug/Kg	2300	400
Bromomethane	<2300	ug/Kg	2300	400
Vinyl chloride	<2300	ug/Kg	2300	400
Chloroethane	<2300	ug/Kg	2300	400
Methylene Chloride	<2300	ug/Kg	2300	400
Acetone	24000	ug/Kg	23000	400
Carbon disulfide	<2300	ug/Kg	2300	400
1,1-Dichloroethene	<2300	ug/Kg	2300	400
1,1-Dichloroethane	<2300	ug/Kg	2300	400
cis-1,2-Dichloroethene	2700	ug/Kg	2300	400
trans-1,2-Dichloroethene	<2300	ug/Kg	2300	400
Chloroform	<2300	ug/Kg	2300	400
1,2-Dichloroethane	<2300	ug/Kg	2300	400
2-Butanone (MEK)	<11000	ug/Kg	11000	400
1,1,1-Trichloroethane	<2300	ug/Kg	2300	400
Carbon tetrachloride	<2300	ug/Kg	2300	400
Dichlorobromomethane	<2300	ug/Kg	2300	400
1,1,2,2-Tetrachloroethane	<2300	ug/Kg	2300	400
1,2-Dichloropropane	<2300	ug/Kg	2300	400
trans-1,3-Dichloropropene	<2300	ug/Kg	2300	400
Trichloroethene	<2300	ug/Kg	2300	400
Chlorodibromomethane	<2300	ug/Kg	2300	400
1,1,2-Trichloroethane	<2300	ug/Kg	2300	400
Benzene	<2300	ug/Kg	2300	400
cis-1,3-Dichloropropene	<2300	ug/Kg	2300	400
Bromoform	<2300	ug/Kg	2300	400
2-Hexanone	<11000	ug/Kg	11000	400
4-Methyl-2-pentanone (MIBK)	<11000	ug/Kg	11000	400
Tetrachloroethene	<2300	ug/Kg	2300	400
1,2-Dichlorobenzene	<2300	ug/Kg	2300	400
Toluene	13000	ug/Kg	2300	400
Chlorobenzene	<2300	ug/Kg	2300	400
Ethylbenzene	<2300	ug/Kg	2300	400
Styrene	<2300	ug/Kg	2300	400
Xylenes, Total	<4600	ug/Kg	4600	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-26**
Lab Sample ID: **680-63549-2**

Date Sampled: 11/24/2010 1000
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-11**
Lab Sample ID: **680-63549-3**

Date Sampled: 11/24/2010 0915
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 75

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 1048	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<250		ug/Kg	250	40
Bromomethane	<250		ug/Kg	250	40
Vinyl chloride	<250		ug/Kg	250	40
Chloroethane	<250		ug/Kg	250	40
Methylene Chloride	<250		ug/Kg	250	40
Acetone	<2500		ug/Kg	2500	40
Carbon disulfide	<250		ug/Kg	250	40
1,1-Dichloroethene	<250		ug/Kg	250	40
1,1-Dichloroethane	<250		ug/Kg	250	40
cis-1,2-Dichloroethene	420		ug/Kg	250	40
trans-1,2-Dichloroethene	<250		ug/Kg	250	40
Chloroform	<250		ug/Kg	250	40
1,2-Dichloroethane	<250	*	ug/Kg	250	40
2-Butanone (MEK)	<1300		ug/Kg	1300	40
1,1,1-Trichloroethane	<250		ug/Kg	250	40
Carbon tetrachloride	<250		ug/Kg	250	40
Dichlorobromomethane	<250		ug/Kg	250	40
1,1,2,2-Tetrachloroethane	<250		ug/Kg	250	40
1,2-Dichloropropane	<250		ug/Kg	250	40
trans-1,3-Dichloropropene	<250		ug/Kg	250	40
Trichloroethene	<250		ug/Kg	250	40
Chlorodibromomethane	<250		ug/Kg	250	40
1,1,2-Trichloroethane	<250		ug/Kg	250	40
Benzene	<250		ug/Kg	250	40
cis-1,3-Dichloropropene	<250		ug/Kg	250	40
Bromoform	<250		ug/Kg	250	40
2-Hexanone	<1300		ug/Kg	1300	40
4-Methyl-2-pentanone (MIBK)	<1300		ug/Kg	1300	40
Tetrachloroethene	<250		ug/Kg	250	40
1,2-Dichlorobenzene	<250		ug/Kg	250	40
Toluene	<250		ug/Kg	250	40
Chlorobenzene	<250		ug/Kg	250	40
Ethylbenzene	<250		ug/Kg	250	40
Styrene	<250		ug/Kg	250	40
Xylenes, Total	<500		ug/Kg	500	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	80	%	65 - 130
4-Bromofluorobenzene	97	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-11**
Lab Sample ID: **680-63549-3**

Date Sampled: 11/24/2010 0915
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 75

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	77	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-7**
Lab Sample ID: **680-63549-4**

Date Sampled: 11/24/2010 0905
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2034	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<7.3		ug/Kg	7.3	1.0
Bromomethane	<7.3		ug/Kg	7.3	1.0
Vinyl chloride	<7.3		ug/Kg	7.3	1.0
Chloroethane	<7.3		ug/Kg	7.3	1.0
Methylene Chloride	<7.3		ug/Kg	7.3	1.0
Acetone	<73		ug/Kg	73	1.0
Carbon disulfide	<7.3		ug/Kg	7.3	1.0
1,1-Dichloroethene	13	*	ug/Kg	7.3	1.0
1,1-Dichloroethane	22		ug/Kg	7.3	1.0
cis-1,2-Dichloroethene	110		ug/Kg	7.3	1.0
trans-1,2-Dichloroethene	<7.3		ug/Kg	7.3	1.0
Chloroform	<7.3		ug/Kg	7.3	1.0
1,2-Dichloroethane	<7.3		ug/Kg	7.3	1.0
2-Butanone (MEK)	<36		ug/Kg	36	1.0
1,1,1-Trichloroethane	<7.3		ug/Kg	7.3	1.0
Carbon tetrachloride	<7.3		ug/Kg	7.3	1.0
Dichlorobromomethane	<7.3		ug/Kg	7.3	1.0
1,1,2,2-Tetrachloroethane	<7.3		ug/Kg	7.3	1.0
1,2-Dichloropropane	<7.3		ug/Kg	7.3	1.0
trans-1,3-Dichloropropene	<7.3		ug/Kg	7.3	1.0
Trichloroethene	8.9		ug/Kg	7.3	1.0
Chlorodibromomethane	<7.3		ug/Kg	7.3	1.0
1,1,2-Trichloroethane	<7.3		ug/Kg	7.3	1.0
Benzene	<7.3		ug/Kg	7.3	1.0
cis-1,3-Dichloropropene	<7.3		ug/Kg	7.3	1.0
Bromoform	<7.3		ug/Kg	7.3	1.0
2-Hexanone	<36		ug/Kg	36	1.0
4-Methyl-2-pentanone (MIBK)	<36		ug/Kg	36	1.0
Tetrachloroethene	20		ug/Kg	7.3	1.0
1,2-Dichlorobenzene	<7.3		ug/Kg	7.3	1.0
Toluene	<7.3		ug/Kg	7.3	1.0
Chlorobenzene	<7.3		ug/Kg	7.3	1.0
Ethylbenzene	<7.3		ug/Kg	7.3	1.0
Styrene	<7.3		ug/Kg	7.3	1.0
Xylenes, Total	<15		ug/Kg	15	1.0

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	97	%	65 - 130
4-Bromofluorobenzene	101	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-7**
Lab Sample ID: **680-63549-4**

Date Sampled: 11/24/2010 0905
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	93	%	65 - 130	

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-26-55**
Lab Sample ID: **680-63549-5**

Date Sampled: 11/24/2010 1700
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/06/2010 1647	
Prep Method: 5035		Date Prepared:	12/01/2010 0950	
Chloromethane	<240	ug/Kg	240	40
Bromomethane	<240	ug/Kg	240	40
Vinyl chloride	<240	ug/Kg	240	40
Chloroethane	<240	ug/Kg	240	40
Methylene Chloride	<240	ug/Kg	240	40
Acetone	<2400	ug/Kg	2400	40
Carbon disulfide	<240	ug/Kg	240	40
1,1-Dichloroethene	1600	ug/Kg	240	40
1,1-Dichloroethane	<240	ug/Kg	240	40
cis-1,2-Dichloroethene	<240	ug/Kg	240	40
trans-1,2-Dichloroethene	<240	ug/Kg	240	40
Chloroform	<240	ug/Kg	240	40
1,2-Dichloroethane	<240	ug/Kg	240	40
2-Butanone (MEK)	<1200	ug/Kg	1200	40
1,1,1-Trichloroethane	<240	ug/Kg	240	40
Carbon tetrachloride	<240	ug/Kg	240	40
Dichlorobromomethane	<240	ug/Kg	240	40
1,1,2,2-Tetrachloroethane	<240	ug/Kg	240	40
1,2-Dichloropropane	<240	ug/Kg	240	40
trans-1,3-Dichloropropene	<240	ug/Kg	240	40
Trichloroethene	890	ug/Kg	240	40
Chlorodibromomethane	<240	ug/Kg	240	40
1,1,2-Trichloroethane	<240	ug/Kg	240	40
Benzene	1500	ug/Kg	240	40
cis-1,3-Dichloropropene	<240	ug/Kg	240	40
Bromoform	<240	ug/Kg	240	40
2-Hexanone	<1200	ug/Kg	1200	40
4-Methyl-2-pentanone (MIBK)	<1200	ug/Kg	1200	40
Tetrachloroethene	2100	ug/Kg	240	40
1,2-Dichlorobenzene	<240	ug/Kg	240	40
Toluene	<240	ug/Kg	240	40
Chlorobenzene	<240	ug/Kg	240	40
Ethylbenzene	<240	ug/Kg	240	40
Styrene	<240	ug/Kg	240	40
Xylenes, Total	<490	ug/Kg	490	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	93	%	65 - 130
4-Bromofluorobenzene	105	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-26-55**
Lab Sample ID: **680-63549-5**

Date Sampled: 11/24/2010 1700
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	90	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-15**
Lab Sample ID: **680-63549-6**

Date Sampled: 11/24/2010 0930
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 74

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/06/2010 1544	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<250		ug/Kg	250	40
Bromomethane	<250		ug/Kg	250	40
Vinyl chloride	<250		ug/Kg	250	40
Chloroethane	<250		ug/Kg	250	40
Methylene Chloride	<250		ug/Kg	250	40
Acetone	3300		ug/Kg	2500	40
Carbon disulfide	<250		ug/Kg	250	40
1,1-Dichloroethene	330		ug/Kg	250	40
1,1-Dichloroethane	<250		ug/Kg	250	40
cis-1,2-Dichloroethene	1300		ug/Kg	250	40
trans-1,2-Dichloroethene	<250		ug/Kg	250	40
Chloroform	<250		ug/Kg	250	40
1,2-Dichloroethane	<250		ug/Kg	250	40
2-Butanone (MEK)	<1200		ug/Kg	1200	40
1,1,1-Trichloroethane	<250		ug/Kg	250	40
Carbon tetrachloride	<250		ug/Kg	250	40
Dichlorobromomethane	<250		ug/Kg	250	40
1,1,2,2-Tetrachloroethane	<250		ug/Kg	250	40
1,2-Dichloropropane	<250		ug/Kg	250	40
trans-1,3-Dichloropropene	<250		ug/Kg	250	40
Trichloroethene	<250		ug/Kg	250	40
Chlorodibromomethane	<250		ug/Kg	250	40
1,1,2-Trichloroethane	<250		ug/Kg	250	40
Benzene	<250		ug/Kg	250	40
cis-1,3-Dichloropropene	<250		ug/Kg	250	40
Bromoform	<250		ug/Kg	250	40
2-Hexanone	<1200		ug/Kg	1200	40
4-Methyl-2-pentanone (MIBK)	<1200		ug/Kg	1200	40
Tetrachloroethene	<250		ug/Kg	250	40
1,2-Dichlorobenzene	<250		ug/Kg	250	40
Toluene	3400		ug/Kg	250	40
Chlorobenzene	260		ug/Kg	250	40
Ethylbenzene	<250		ug/Kg	250	40
Styrene	<250		ug/Kg	250	40
Xylenes, Total	760		ug/Kg	490	40

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	55	X	%	65 - 130
4-Bromofluorobenzene	71		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-36-15**
Lab Sample ID: **680-63549-6**

Date Sampled: 11/24/2010 0930
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 74

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	64	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-26-60GW**
Lab Sample ID: **680-63549-7**

Date Sampled: 11/24/2010 0730
Date Received: 11/30/2010 1006
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/03/2010 1831	
Prep Method: 5030B		Date Prepared:	12/03/2010 1831	
1,1,1-Trichloroethane	<20	ug/L	20	20
1,1,2,2-Tetrachloroethane	<20	ug/L	20	20
1,1,2-Trichloroethane	28	ug/L	20	20
1,1-Dichloroethane	46	ug/L	20	20
1,1-Dichloroethene	1400	ug/L	20	20
1,2-Dichlorobenzene	78	ug/L	20	20
1,2-Dichloroethane	50	ug/L	20	20
1,2-Dichloropropane	<20	ug/L	20	20
2-Butanone (MEK)	<200	ug/L	200	20
2-Hexanone	<200	ug/L	200	20
4-Methyl-2-pentanone (MIBK)	<200	ug/L	200	20
Acetone	<500	ug/L	500	20
Benzene	2100	ug/L	20	20
Bromoform	<20	ug/L	20	20
Bromomethane	<20	ug/L	20	20
Carbon disulfide	<40	ug/L	40	20
Carbon tetrachloride	<20	ug/L	20	20
Chlorobenzene	<20	ug/L	20	20
Chlorodibromomethane	<20	ug/L	20	20
Chloroethane	<20	ug/L	20	20
Chloroform	140	ug/L	20	20
Chloromethane	<20	ug/L	20	20
cis-1,2-Dichloroethene	70	ug/L	20	20
cis-1,3-Dichloropropene	<20	ug/L	20	20
Dichlorobromomethane	<20	ug/L	20	20
Ethylbenzene	<20	ug/L	20	20
Methylene Chloride	<100	ug/L	100	20
Styrene	<20	ug/L	20	20
Tetrachloroethene	1400	ug/L	20	20
Toluene	39	ug/L	20	20
trans-1,2-Dichloroethene	<20	ug/L	20	20
trans-1,3-Dichloropropene	<20	ug/L	20	20
Trichloroethene	770	ug/L	20	20
Vinyl chloride	<20	ug/L	20	20
Xylenes, Total	260	ug/L	40	20

Surrogate			Acceptance Limits
4-Bromofluorobenzene	94	%	70 - 130
Dibromofluoromethane	96	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-26-60GW**
Lab Sample ID: **680-63549-7**

Date Sampled: 11/24/2010 0730
Date Received: 11/30/2010 1006
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	95	%	70 - 130	

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-6**
Lab Sample ID: **680-63549-8**

Date Sampled: 11/29/2010 0845
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/06/2010 2121	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<6.1		ug/Kg	6.1	1.0
Bromomethane	<6.1		ug/Kg	6.1	1.0
Vinyl chloride	<6.1		ug/Kg	6.1	1.0
Chloroethane	<6.1		ug/Kg	6.1	1.0
Methylene Chloride	<6.1		ug/Kg	6.1	1.0
Acetone	<61	*	ug/Kg	61	1.0
Carbon disulfide	<6.1		ug/Kg	6.1	1.0
1,1-Dichloroethene	<6.1		ug/Kg	6.1	1.0
1,1-Dichloroethane	<6.1		ug/Kg	6.1	1.0
cis-1,2-Dichloroethene	<6.1		ug/Kg	6.1	1.0
trans-1,2-Dichloroethene	<6.1		ug/Kg	6.1	1.0
Chloroform	<6.1		ug/Kg	6.1	1.0
1,2-Dichloroethane	<6.1		ug/Kg	6.1	1.0
2-Butanone (MEK)	<31		ug/Kg	31	1.0
1,1,1-Trichloroethane	<6.1		ug/Kg	6.1	1.0
Carbon tetrachloride	<6.1		ug/Kg	6.1	1.0
Dichlorobromomethane	<6.1		ug/Kg	6.1	1.0
1,1,2,2-Tetrachloroethane	<6.1		ug/Kg	6.1	1.0
1,2-Dichloropropane	<6.1		ug/Kg	6.1	1.0
trans-1,3-Dichloropropene	<6.1		ug/Kg	6.1	1.0
Trichloroethene	<6.1		ug/Kg	6.1	1.0
Chlorodibromomethane	<6.1		ug/Kg	6.1	1.0
1,1,2-Trichloroethane	<6.1		ug/Kg	6.1	1.0
Benzene	<6.1		ug/Kg	6.1	1.0
cis-1,3-Dichloropropene	<6.1		ug/Kg	6.1	1.0
Bromoform	<6.1		ug/Kg	6.1	1.0
2-Hexanone	<31		ug/Kg	31	1.0
4-Methyl-2-pentanone (MIBK)	<31		ug/Kg	31	1.0
Tetrachloroethene	<6.1		ug/Kg	6.1	1.0
1,2-Dichlorobenzene	<6.1		ug/Kg	6.1	1.0
Toluene	<6.1		ug/Kg	6.1	1.0
Chlorobenzene	<6.1		ug/Kg	6.1	1.0
Ethylbenzene	<6.1		ug/Kg	6.1	1.0
Styrene	<6.1		ug/Kg	6.1	1.0
Xylenes, Total	<12		ug/Kg	12	1.0

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	95	%	65 - 130
4-Bromofluorobenzene	100	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-6**
Lab Sample ID: **680-63549-8**

Date Sampled: 11/29/2010 0845
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	91	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-12**
Lab Sample ID: **680-63549-9**

Date Sampled: 11/29/2010 0900
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/04/2010 2136	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<5.5		ug/Kg	5.5	1.0
Bromomethane	<5.5		ug/Kg	5.5	1.0
Vinyl chloride	<5.5		ug/Kg	5.5	1.0
Chloroethane	<5.5		ug/Kg	5.5	1.0
Methylene Chloride	<5.5		ug/Kg	5.5	1.0
Acetone	<55		ug/Kg	55	1.0
Carbon disulfide	<5.5		ug/Kg	5.5	1.0
1,1-Dichloroethene	5.6	*	ug/Kg	5.5	1.0
1,1-Dichloroethane	10		ug/Kg	5.5	1.0
cis-1,2-Dichloroethene	48		ug/Kg	5.5	1.0
trans-1,2-Dichloroethene	<5.5		ug/Kg	5.5	1.0
Chloroform	<5.5		ug/Kg	5.5	1.0
1,2-Dichloroethane	<5.5		ug/Kg	5.5	1.0
2-Butanone (MEK)	<28		ug/Kg	28	1.0
1,1,1-Trichloroethane	<5.5		ug/Kg	5.5	1.0
Carbon tetrachloride	<5.5		ug/Kg	5.5	1.0
Dichlorobromomethane	<5.5		ug/Kg	5.5	1.0
1,1,2,2-Tetrachloroethane	<5.5		ug/Kg	5.5	1.0
1,2-Dichloropropane	<5.5		ug/Kg	5.5	1.0
trans-1,3-Dichloropropene	<5.5		ug/Kg	5.5	1.0
Trichloroethene	<5.5		ug/Kg	5.5	1.0
Chlorodibromomethane	<5.5		ug/Kg	5.5	1.0
1,1,2-Trichloroethane	<5.5		ug/Kg	5.5	1.0
Benzene	<5.5		ug/Kg	5.5	1.0
cis-1,3-Dichloropropene	<5.5		ug/Kg	5.5	1.0
Bromoform	<5.5		ug/Kg	5.5	1.0
2-Hexanone	<28		ug/Kg	28	1.0
4-Methyl-2-pentanone (MIBK)	<28		ug/Kg	28	1.0
Tetrachloroethene	7.4		ug/Kg	5.5	1.0
1,2-Dichlorobenzene	<5.5		ug/Kg	5.5	1.0
Toluene	<5.5		ug/Kg	5.5	1.0
Chlorobenzene	<5.5		ug/Kg	5.5	1.0
Ethylbenzene	<5.5		ug/Kg	5.5	1.0
Styrene	<5.5		ug/Kg	5.5	1.0
Xylenes, Total	<11		ug/Kg	11	1.0

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	95	%	65 - 130
4-Bromofluorobenzene	101	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-12**
Lab Sample ID: **680-63549-9**

Date Sampled: 11/29/2010 0900
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	93	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-19**
Lab Sample ID: **680-63549-10**

Date Sampled: 11/29/2010 0945
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 1130	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<220		ug/Kg	220	40
Bromomethane	<220		ug/Kg	220	40
Vinyl chloride	<220		ug/Kg	220	40
Chloroethane	<220		ug/Kg	220	40
Methylene Chloride	<220		ug/Kg	220	40
Acetone	<2200		ug/Kg	2200	40
Carbon disulfide	<220		ug/Kg	220	40
1,1-Dichloroethene	480		ug/Kg	220	40
1,1-Dichloroethane	270		ug/Kg	220	40
cis-1,2-Dichloroethene	1400		ug/Kg	220	40
trans-1,2-Dichloroethene	<220		ug/Kg	220	40
Chloroform	<220		ug/Kg	220	40
1,2-Dichloroethane	<220	*	ug/Kg	220	40
2-Butanone (MEK)	<1100		ug/Kg	1100	40
1,1,1-Trichloroethane	<220		ug/Kg	220	40
Carbon tetrachloride	<220		ug/Kg	220	40
Dichlorobromomethane	<220		ug/Kg	220	40
1,1,2,2-Tetrachloroethane	<220		ug/Kg	220	40
1,2-Dichloropropane	<220		ug/Kg	220	40
trans-1,3-Dichloropropene	<220		ug/Kg	220	40
Trichloroethene	<220		ug/Kg	220	40
Chlorodibromomethane	<220		ug/Kg	220	40
1,1,2-Trichloroethane	<220		ug/Kg	220	40
Benzene	<220		ug/Kg	220	40
cis-1,3-Dichloropropene	<220		ug/Kg	220	40
Bromoform	<220		ug/Kg	220	40
2-Hexanone	<1100		ug/Kg	1100	40
4-Methyl-2-pentanone (MIBK)	<1100		ug/Kg	1100	40
Tetrachloroethene	<220		ug/Kg	220	40
1,2-Dichlorobenzene	240		ug/Kg	220	40
Toluene	<220		ug/Kg	220	40
Chlorobenzene	<220		ug/Kg	220	40
Ethylbenzene	<220		ug/Kg	220	40
Styrene	<220		ug/Kg	220	40
Xylenes, Total	<450		ug/Kg	450	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	65	%	65 - 130
4-Bromofluorobenzene	74	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-19**
Lab Sample ID: **680-63549-10**

Date Sampled: 11/29/2010 0945
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	65	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-28.5**
Lab Sample ID: **680-63549-11**

Date Sampled: 11/29/2010 1110
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/06/2010 1729	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<260		ug/Kg	260	40
Bromomethane	<260		ug/Kg	260	40
Vinyl chloride	<260		ug/Kg	260	40
Chloroethane	<260		ug/Kg	260	40
Methylene Chloride	<260		ug/Kg	260	40
Acetone	<2600		ug/Kg	2600	40
Carbon disulfide	<260		ug/Kg	260	40
1,1-Dichloroethene	910		ug/Kg	260	40
1,1-Dichloroethane	440		ug/Kg	260	40
cis-1,2-Dichloroethene	1800		ug/Kg	260	40
trans-1,2-Dichloroethene	<260		ug/Kg	260	40
Chloroform	<260		ug/Kg	260	40
1,2-Dichloroethane	<260		ug/Kg	260	40
2-Butanone (MEK)	<1300		ug/Kg	1300	40
1,1,1-Trichloroethane	<260		ug/Kg	260	40
Carbon tetrachloride	<260		ug/Kg	260	40
Dichlorobromomethane	<260		ug/Kg	260	40
1,1,2,2-Tetrachloroethane	<260		ug/Kg	260	40
1,2-Dichloropropane	<260		ug/Kg	260	40
trans-1,3-Dichloropropene	<260		ug/Kg	260	40
Trichloroethene	<260		ug/Kg	260	40
Chlorodibromomethane	<260		ug/Kg	260	40
1,1,2-Trichloroethane	<260		ug/Kg	260	40
Benzene	<260		ug/Kg	260	40
cis-1,3-Dichloropropene	<260		ug/Kg	260	40
Bromoform	<260		ug/Kg	260	40
2-Hexanone	<1300		ug/Kg	1300	40
4-Methyl-2-pentanone (MIBK)	<1300		ug/Kg	1300	40
Tetrachloroethene	750		ug/Kg	260	40
1,2-Dichlorobenzene	390		ug/Kg	260	40
Toluene	<260		ug/Kg	260	40
Chlorobenzene	<260		ug/Kg	260	40
Ethylbenzene	<260		ug/Kg	260	40
Styrene	<260		ug/Kg	260	40
Xylenes, Total	<530		ug/Kg	530	40

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	116		%	65 - 130
4-Bromofluorobenzene	148	X	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-28.5**
Lab Sample ID: **680-63549-11**

Date Sampled: 11/29/2010 1110
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	122	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-35.5**
Lab Sample ID: **680-63549-12**

Date Sampled: 11/29/2010 1200
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 68

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 0951	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<270		ug/Kg	270	40
Bromomethane	<270		ug/Kg	270	40
Vinyl chloride	<270		ug/Kg	270	40
Chloroethane	<270		ug/Kg	270	40
Methylene Chloride	<270		ug/Kg	270	40
Acetone	28000		ug/Kg	2700	40
Carbon disulfide	<270		ug/Kg	270	40
1,1-Dichloroethene	1200		ug/Kg	270	40
1,1-Dichloroethane	920		ug/Kg	270	40
cis-1,2-Dichloroethene	3200		ug/Kg	270	40
trans-1,2-Dichloroethene	<270		ug/Kg	270	40
Chloroform	<270		ug/Kg	270	40
1,2-Dichloroethane	<270	*	ug/Kg	270	40
2-Butanone (MEK)	9300		ug/Kg	1400	40
1,1,1-Trichloroethane	<270	*	ug/Kg	270	40
Carbon tetrachloride	<270		ug/Kg	270	40
Dichlorobromomethane	<270		ug/Kg	270	40
1,1,2,2-Tetrachloroethane	<270		ug/Kg	270	40
1,2-Dichloropropane	<270		ug/Kg	270	40
trans-1,3-Dichloropropene	<270		ug/Kg	270	40
Trichloroethene	440		ug/Kg	270	40
Chlorodibromomethane	<270		ug/Kg	270	40
1,1,2-Trichloroethane	<270		ug/Kg	270	40
Benzene	<270		ug/Kg	270	40
cis-1,3-Dichloropropene	<270		ug/Kg	270	40
Bromoform	<270		ug/Kg	270	40
2-Hexanone	<1400		ug/Kg	1400	40
4-Methyl-2-pentanone (MIBK)	<1400		ug/Kg	1400	40
Tetrachloroethene	720		ug/Kg	270	40
1,2-Dichlorobenzene	1100		ug/Kg	270	40
Toluene	<270		ug/Kg	270	40
Chlorobenzene	<270		ug/Kg	270	40
Ethylbenzene	450		ug/Kg	270	40
Styrene	<270		ug/Kg	270	40
Xylenes, Total	2000		ug/Kg	550	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	88	%	65 - 130
4-Bromofluorobenzene	102	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-35.5**
Lab Sample ID: **680-63549-12**

Date Sampled: 11/29/2010 1200
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 68

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	78	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-42GW**
Lab Sample ID: **680-63549-13**

Date Sampled: 11/29/2010 1310
Date Received: 11/30/2010 1006
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/03/2010 1900	
Prep Method: 5030B		Date Prepared:	12/03/2010 1900	
1,1,1-Trichloroethane	<1000	ug/L	1000	1000
1,1,2,2-Tetrachloroethane	<1000	ug/L	1000	1000
1,1,2-Trichloroethane	<1000	ug/L	1000	1000
1,1-Dichloroethane	1800	ug/L	1000	1000
1,1-Dichloroethene	2900	ug/L	1000	1000
1,2-Dichlorobenzene	<1000	ug/L	1000	1000
1,2-Dichloroethane	<1000	ug/L	1000	1000
1,2-Dichloropropane	<1000	ug/L	1000	1000
2-Butanone (MEK)	69000	ug/L	10000	1000
2-Hexanone	<10000	ug/L	10000	1000
4-Methyl-2-pentanone (MIBK)	<10000	ug/L	10000	1000
Acetone	190000	ug/L	25000	1000
Benzene	<1000	ug/L	1000	1000
Bromoform	<1000	ug/L	1000	1000
Bromomethane	<1000	ug/L	1000	1000
Carbon disulfide	<2000	ug/L	2000	1000
Carbon tetrachloride	<1000	ug/L	1000	1000
Chlorobenzene	<1000	ug/L	1000	1000
Chlorodibromomethane	<1000	ug/L	1000	1000
Chloroethane	<1000	ug/L	1000	1000
Chloroform	<1000	ug/L	1000	1000
Chloromethane	<1000	ug/L	1000	1000
cis-1,2-Dichloroethene	8500	ug/L	1000	1000
cis-1,3-Dichloropropene	<1000	ug/L	1000	1000
Dichlorobromomethane	<1000	ug/L	1000	1000
Ethylbenzene	<1000	ug/L	1000	1000
Methylene Chloride	<5000	ug/L	5000	1000
Styrene	<1000	ug/L	1000	1000
Tetrachloroethene	<1000	ug/L	1000	1000
Toluene	11000	ug/L	1000	1000
trans-1,2-Dichloroethene	<1000	ug/L	1000	1000
trans-1,3-Dichloropropene	<1000	ug/L	1000	1000
Trichloroethene	<1000	ug/L	1000	1000
Vinyl chloride	<1000	ug/L	1000	1000
Xylenes, Total	2000	ug/L	2000	1000

Surrogate			Acceptance Limits
4-Bromofluorobenzene	90	%	70 - 130
Dibromofluoromethane	96	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-42GW**
Lab Sample ID: **680-63549-13**

Date Sampled: 11/29/2010 1310
Date Received: 11/30/2010 1006
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	93	%	70 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-47**
Lab Sample ID: **680-63549-14**

Date Sampled: 11/29/2010 1420
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/06/2010 1605	
Prep Method: 5035		Date Prepared:	12/01/2010 0950	
Chloromethane	<2400	ug/Kg	2400	400
Bromomethane	<2400	ug/Kg	2400	400
Vinyl chloride	<2400	ug/Kg	2400	400
Chloroethane	<2400	ug/Kg	2400	400
Methylene Chloride	<2400	ug/Kg	2400	400
Acetone	96000	ug/Kg	24000	400
Carbon disulfide	<2400	ug/Kg	2400	400
1,1-Dichloroethene	<2400	ug/Kg	2400	400
1,1-Dichloroethane	<2400	ug/Kg	2400	400
cis-1,2-Dichloroethene	<2400	ug/Kg	2400	400
trans-1,2-Dichloroethene	<2400	ug/Kg	2400	400
Chloroform	<2400	ug/Kg	2400	400
1,2-Dichloroethane	<2400	ug/Kg	2400	400
2-Butanone (MEK)	32000	ug/Kg	12000	400
1,1,1-Trichloroethane	<2400	ug/Kg	2400	400
Carbon tetrachloride	<2400	ug/Kg	2400	400
Dichlorobromomethane	<2400	ug/Kg	2400	400
1,1,2,2-Tetrachloroethane	<2400	ug/Kg	2400	400
1,2-Dichloropropane	<2400	ug/Kg	2400	400
trans-1,3-Dichloropropene	<2400	ug/Kg	2400	400
Trichloroethene	<2400	ug/Kg	2400	400
Chlorodibromomethane	<2400	ug/Kg	2400	400
1,1,2-Trichloroethane	<2400	ug/Kg	2400	400
Benzene	<2400	ug/Kg	2400	400
cis-1,3-Dichloropropene	<2400	ug/Kg	2400	400
Bromoform	<2400	ug/Kg	2400	400
2-Hexanone	<12000	ug/Kg	12000	400
4-Methyl-2-pentanone (MIBK)	<12000	ug/Kg	12000	400
Tetrachloroethene	<2400	ug/Kg	2400	400
1,2-Dichlorobenzene	<2400	ug/Kg	2400	400
Toluene	6300	ug/Kg	2400	400
Chlorobenzene	<2400	ug/Kg	2400	400
Ethylbenzene	<2400	ug/Kg	2400	400
Styrene	<2400	ug/Kg	2400	400
Xylenes, Total	<4800	ug/Kg	4800	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-47**
Lab Sample ID: **680-63549-14**

Date Sampled: 11/29/2010 1420
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-53**
Lab Sample ID: **680-63549-15**

Date Sampled: 11/29/2010 1450
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 1012	
Prep Method: 5035			Date Prepared:	12/01/2010 0950	
Chloromethane	<180		ug/Kg	180	40
Bromomethane	<180		ug/Kg	180	40
Vinyl chloride	<180		ug/Kg	180	40
Chloroethane	<180		ug/Kg	180	40
Methylene Chloride	<180		ug/Kg	180	40
Acetone	31000		ug/Kg	1800	40
Carbon disulfide	<180		ug/Kg	180	40
1,1-Dichloroethene	<180		ug/Kg	180	40
1,1-Dichloroethane	<180		ug/Kg	180	40
cis-1,2-Dichloroethene	400		ug/Kg	180	40
trans-1,2-Dichloroethene	<180		ug/Kg	180	40
Chloroform	<180		ug/Kg	180	40
1,2-Dichloroethane	<180	*	ug/Kg	180	40
2-Butanone (MEK)	11000		ug/Kg	920	40
1,1,1-Trichloroethane	<180	*	ug/Kg	180	40
Carbon tetrachloride	<180		ug/Kg	180	40
Dichlorobromomethane	<180		ug/Kg	180	40
1,1,2,2-Tetrachloroethane	<180		ug/Kg	180	40
1,2-Dichloropropane	<180		ug/Kg	180	40
trans-1,3-Dichloropropene	<180		ug/Kg	180	40
Trichloroethene	270		ug/Kg	180	40
Chlorodibromomethane	<180		ug/Kg	180	40
1,1,2-Trichloroethane	<180		ug/Kg	180	40
Benzene	<180		ug/Kg	180	40
cis-1,3-Dichloropropene	<180		ug/Kg	180	40
Bromoform	<180		ug/Kg	180	40
2-Hexanone	<920		ug/Kg	920	40
4-Methyl-2-pentanone (MIBK)	1400		ug/Kg	920	40
Tetrachloroethene	<180		ug/Kg	180	40
1,2-Dichlorobenzene	290		ug/Kg	180	40
Toluene	1400		ug/Kg	180	40
Chlorobenzene	<180		ug/Kg	180	40
Ethylbenzene	<180		ug/Kg	180	40
Styrene	<180		ug/Kg	180	40
Xylenes, Total	410		ug/Kg	370	40

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	61	X	%	65 - 130
4-Bromofluorobenzene	88		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63549-1

Client Sample ID: **SB-25-53**
Lab Sample ID: **680-63549-15**

Date Sampled: 11/29/2010 1450
Date Received: 11/30/2010 1006
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	57	X	%	65 - 130	

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc. Job Number: 680-63549-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

QUALITY CONTROL RESULTS

Client: ARCADIS U.S., Inc. Job Number: 680-63549-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 680-187585					
680-63549-1	SB-36-37	T	Solid	5035	
680-63549-2	SB-36-26	T	Solid	5035	
680-63549-3	SB-36-11	T	Solid	5035	
680-63549-4	SB-36-7	T	Solid	5035	
680-63549-5	SB-26-55	T	Solid	5035	
680-63549-6	SB-36-15	T	Solid	5035	
680-63549-8	SB-25-6	T	Solid	5035	
680-63549-9	SB-25-12	T	Solid	5035	
680-63549-10	SB-25-19	T	Solid	5035	
680-63549-11	SB-25-28.5	T	Solid	5035	
680-63549-12	SB-25-35.5	T	Solid	5035	
680-63549-14	SB-25-47	T	Solid	5035	
680-63549-15	SB-25-53	T	Solid	5035	
Analysis Batch:680-187867					
LCS 680-187867/10	Lab Control Sample	T	Water	8260B	
LCSD 680-187867/11	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-187867/13	Method Blank	T	Water	8260B	
680-63549-7	SB-26-60GW	T	Water	8260B	
680-63549-13	SB-25-42GW	T	Water	8260B	
Analysis Batch:680-188029					
LCS 680-188029/7	Lab Control Sample	T	Solid	8260B	
LCSD 680-188029/8	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188029/10	Method Blank	T	Solid	8260B	
680-63549-4	SB-36-7	T	Solid	8260B	680-187585
680-63549-9	SB-25-12	T	Solid	8260B	680-187585
Analysis Batch:680-188054					
LCS 680-188054/4	Lab Control Sample	T	Solid	8260B	
LCSD 680-188054/6	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188054/8	Method Blank	T	Solid	8260B	
680-63549-1	SB-36-37	T	Solid	8260B	680-187585
680-63549-2	SB-36-26	T	Solid	8260B	680-187585
680-63549-5	SB-26-55	T	Solid	8260B	680-187585
680-63549-6	SB-36-15	T	Solid	8260B	680-187585
680-63549-11	SB-25-28.5	T	Solid	8260B	680-187585
680-63549-14	SB-25-47	T	Solid	8260B	680-187585
Analysis Batch:680-188140					
LCS 680-188140/6	Lab Control Sample	T	Solid	8260B	
LCSD 680-188140/7	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188140/9	Method Blank	T	Solid	8260B	
680-63549-8	SB-25-6	T	Solid	8260B	680-187585

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-188190					
LCS 680-188190/6	Lab Control Sample	T	Solid	8260B	
LCSD 680-188190/13	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188190/8	Method Blank	T	Solid	8260B	
680-63549-3	SB-36-11	T	Solid	8260B	680-187585
680-63549-10	SB-25-19	T	Solid	8260B	680-187585
Analysis Batch:680-188315					
LCS 680-188315/5	Lab Control Sample	T	Solid	8260B	
LCSD 680-188315/6	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188315/8	Method Blank	T	Solid	8260B	
680-63549-12	SB-25-35.5	T	Solid	8260B	680-187585
680-63549-15	SB-25-53	T	Solid	8260B	680-187585

Report Basis

T = Total

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	BFB %Rec	DBFM %Rec
680-63549-1	SB-36-37	55X	72	62X
680-63549-2	SB-36-26	0D	0D	0D
680-63549-3	SB-36-11	80	97	77
680-63549-4	SB-36-7	97	101	93
680-63549-5	SB-26-55	93	105	90
680-63549-6	SB-36-15	55X	71	64X
680-63549-8	SB-25-6	95	100	91
680-63549-9	SB-25-12	95	101	93
680-63549-10	SB-25-19	65	74	65
680-63549-11	SB-25-28.5	116	148X	122
680-63549-12	SB-25-35.5	88	102	78
680-63549-14	SB-25-47	0D	0D	0D
680-63549-15	SB-25-53	61X	88	57X
MB 680-188029/10		96	102	94
MB 680-188054/8		97	106	96
MB 680-188140/9		95	98	94
MB 680-188190/8		92	107	99
MB 680-188315/8		96	102	93
LCS 680-188029/7		88	93	89
LCS 680-188054/4		99	106	90
LCS 680-188140/6		93	90	93
LCS 680-188190/6		96	120	98
LCS 680-188315/5		107	116	93
LCSD 680-188029/8		96	98	94
LCSD 680-188054/6		84	94	98
LCSD 680-188140/7		92	90	95
LCSD 680-188190/13		99	113	90
LCSD 680-188315/6		93	99	86

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	65-130
BFB = 4-Bromofluorobenzene	65-130
DBFM = Dibromofluoromethane	65-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-63549-7	SB-26-60GW	94	96	95
680-63549-13	SB-25-42GW	90	96	93

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130
TOL = Toluene-d8 (Surr)	70-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TOL %Rec	BFB %Rec	DBFM %Rec
MB 680-187867/13		98	94	102
LCS 680-187867/10		97	98	102
LCSD 680-187867/11		93	97	103

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Method Blank - Batch: 680-187867

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-187867/13	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq260.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1152			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1152				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
Acetone	<25		25
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Bromomethane	<1.0		1.0
Carbon disulfide	<2.0		2.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Chloroethane	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroform	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Chloromethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
Dichlorobromomethane	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Methylene Chloride	<5.0		5.0
1,2-Dichlorobenzene	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Toluene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	70 - 130
4-Bromofluorobenzene	94	70 - 130
Dibromofluoromethane	102	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187867

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187867/10	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	oq252.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 0958			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 0958				

LCSD Lab Sample ID:	LCSD 680-187867/11	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	oq254.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1026			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1026				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	100	101	66 - 131	1	30		
1,1-Dichloroethane	99	98	70 - 130	1	30		
1,2-Dichloroethane	93	86	70 - 130	8	30		
Acetone	111	106	26 - 180	5	50		
2-Butanone (MEK)	111	108	49 - 172	2	30		
1,1,1-Trichloroethane	99	94	70 - 130	5	30		
Bromomethane	65	69	23 - 165	6	50		
Carbon disulfide	88	89	54 - 132	1	30		
1,1,2,2-Tetrachloroethane	101	99	70 - 130	2	30		
Carbon tetrachloride	89	89	70 - 130	1	30		
1,2-Dichloropropane	101	95	70 - 130	6	30		
Chloroethane	89	89	56 - 152	1	40		
Chlorodibromomethane	103	102	70 - 130	1	50		
Chloroform	103	101	70 - 130	1	30		
1,1,2-Trichloroethane	98	94	70 - 130	4	30		
Chloromethane	84	83	70 - 130	1	30		
Benzene	101	96	70 - 130	6	30		
cis-1,2-Dichloroethene	103	101	70 - 130	2	30		
cis-1,3-Dichloropropene	100	96	70 - 130	4	30		
Bromoform	95	95	70 - 130	0	30		
2-Hexanone	109	104	42 - 185	4	30		
Dichlorobromomethane	97	94	70 - 130	3	30		
4-Methyl-2-pentanone (MIBK)	95	90	70 - 130	6	30		
Methylene Chloride	93	93	67 - 130	0	30		
1,2-Dichlorobenzene	98	99	70 - 130	1	30		
Tetrachloroethene	113	112	70 - 130	1	30		
Chlorobenzene	104	103	70 - 130	0	30		
Toluene	96	91	70 - 130	5	30		
Ethylbenzene	104	104	70 - 130	0	30		
Styrene	104	104	70 - 130	0	30		
trans-1,2-Dichloroethene	102	102	70 - 130	0	30		
trans-1,3-Dichloropropene	101	95	70 - 130	6	50		
Trichloroethene	102	96	70 - 130	7	30		

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-187867

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-187867/10	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	oq252.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 0958			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 0958				

LCSD Lab Sample ID:	LCSD 680-187867/11	Analysis Batch:	680-187867	Instrument ID:	MSO2
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	oq254.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/03/2010 1026			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 1026				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	89	87	67 - 134	2	30		
Xylenes, Total	103	102	70 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	97	93	70 - 130
4-Bromofluorobenzene	98	97	70 - 130
Dibromofluoromethane	102	103	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Method Blank - Batch: 680-188029

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 680-188029/10	Analysis Batch:	680-188029	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq185.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/04/2010 1701			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
Acetone	<50		50
2-Butanone (MEK)	<25		25
1,1,1-Trichloroethane	<5.0		5.0
Bromomethane	<5.0		5.0
Carbon disulfide	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
Chloroethane	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
Chloroform	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Chloromethane	<5.0		5.0
Benzene	<5.0		5.0
cis-1,2-Dichloroethene	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Bromoform	<5.0		5.0
2-Hexanone	<25		25
Dichlorobromomethane	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<25		25
Methylene Chloride	<5.0		5.0
1,2-Dichlorobenzene	<5.0		5.0
Tetrachloroethene	<5.0		5.0
Chlorobenzene	<5.0		5.0
Toluene	<5.0		5.0
Ethylbenzene	<5.0		5.0
Styrene	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Vinyl chloride	<5.0		5.0
Xylenes, Total	<10		10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	65 - 130
4-Bromofluorobenzene	102	65 - 130
Dibromofluoromethane	94	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188029

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188029/7
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/04/2010 1518
Date Prepared: N/A

Analysis Batch: 680-188029
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq180.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188029/8
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/04/2010 1538
Date Prepared: N/A

Analysis Batch: 680-188029
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq181.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	63	71	69 - 130	12	50	*	
1,1-Dichloroethane	88	94	70 - 130	6	50		
1,2-Dichloroethane	93	98	66 - 130	6	50		
Acetone	50	57	42 - 130	13	50		
2-Butanone (MEK)	93	89	70 - 130	4	50		
1,1,1-Trichloroethane	86	93	69 - 130	8	50		
Bromomethane	75	81	44 - 130	9	50		
Carbon disulfide	72	78	40 - 136	7	50		
1,1,2,2-Tetrachloroethane	97	99	70 - 130	1	50		
Carbon tetrachloride	86	91	68 - 130	5	50		
1,2-Dichloropropane	91	94	70 - 130	4	50		
Chloroethane	68	76	36 - 150	12	50		
Chlorodibromomethane	93	95	70 - 130	1	50		
Chloroform	91	96	70 - 130	6	50		
1,1,2-Trichloroethane	96	97	70 - 130	1	50		
Chloromethane	93	96	62 - 135	4	50		
Benzene	88	94	70 - 130	7	50		
cis-1,2-Dichloroethene	88	95	70 - 130	8	50		
cis-1,3-Dichloropropene	90	97	70 - 130	7	50		
Bromoform	91	94	70 - 130	4	50		
2-Hexanone	93	91	65 - 130	2	50		
Dichlorobromomethane	91	97	70 - 130	6	50		
4-Methyl-2-pentanone (MIBK)	97	98	64 - 130	0	50		
Methylene Chloride	79	84	52 - 135	7	50		
1,2-Dichlorobenzene	91	96	70 - 130	5	50		
Tetrachloroethene	85	87	70 - 130	2	50		
Chlorobenzene	89	94	70 - 130	6	50		
Toluene	87	96	70 - 130	9	50		
Ethylbenzene	89	94	70 - 130	5	50		
Styrene	92	98	70 - 130	6	50		
trans-1,2-Dichloroethene	87	90	70 - 130	4	50		
trans-1,3-Dichloropropene	91	97	69 - 130	6	50		
Trichloroethene	86	96	70 - 130	11	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188029

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188029/7	Analysis Batch:	680-188029	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq180.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/04/2010 1518			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188029/8	Analysis Batch:	680-188029	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq181.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/04/2010 1538			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	89	96	65 - 135	8	50		
Xylenes, Total	92	96	70 - 130	5	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	88	96	65 - 130
4-Bromofluorobenzene	93	98	65 - 130
Dibromofluoromethane	89	94	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Method Blank - Batch: 680-188054

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 680-188054/8	Analysis Batch:	680-188054	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	lq038.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1122			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
Acetone	<2000		2000
2-Butanone (MEK)	<1000		1000
1,1,1-Trichloroethane	<200		200
Bromomethane	<200		200
Carbon disulfide	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Carbon tetrachloride	<200		200
1,2-Dichloropropane	<200		200
Chloroethane	<200		200
Chlorodibromomethane	<200		200
Chloroform	<200		200
1,1,2-Trichloroethane	<200		200
Chloromethane	<200		200
Benzene	<200		200
cis-1,2-Dichloroethene	<200		200
cis-1,3-Dichloropropene	<200		200
Bromoform	<200		200
2-Hexanone	<1000		1000
Dichlorobromomethane	<200		200
4-Methyl-2-pentanone (MIBK)	<1000		1000
Methylene Chloride	<200		200
1,2-Dichlorobenzene	<200		200
Tetrachloroethene	<200		200
Chlorobenzene	<200		200
Toluene	<200		200
Ethylbenzene	<200		200
Styrene	<200		200
trans-1,2-Dichloroethene	<200		200
trans-1,3-Dichloropropene	<200		200
Trichloroethene	<200		200
Vinyl chloride	<200		200
Xylenes, Total	<400		400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	97	65 - 130
4-Bromofluorobenzene	106	65 - 130
Dibromofluoromethane	96	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188054

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188054/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/06/2010 1018
Date Prepared: N/A

Analysis Batch: 680-188054
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq035.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188054/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/06/2010 1039
Date Prepared: N/A

Analysis Batch: 680-188054
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq036.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	103	114	69 - 130	10	50		
1,1-Dichloroethane	97	103	70 - 130	7	50		
1,2-Dichloroethane	119	113	66 - 130	6	50		
Acetone	103	99	42 - 130	4	50		
2-Butanone (MEK)	85	83	70 - 130	2	50		
1,1,1-Trichloroethane	116	107	69 - 130	8	50		
Bromomethane	72	80	44 - 130	10	50		
Carbon disulfide	103	108	40 - 136	5	50		
1,1,2,2-Tetrachloroethane	96	81	70 - 130	18	50		
Carbon tetrachloride	110	104	68 - 130	6	50		
1,2-Dichloropropane	102	97	70 - 130	6	50		
Chloroethane	93	106	36 - 150	13	50		
Chlorodibromomethane	112	98	70 - 130	14	50		
Chloroform	90	97	70 - 130	7	50		
1,1,2-Trichloroethane	98	87	70 - 130	11	50		
Chloromethane	98	103	62 - 135	6	50		
Benzene	105	98	70 - 130	7	50		
cis-1,2-Dichloroethene	92	95	70 - 130	4	50		
cis-1,3-Dichloropropene	117	99	70 - 130	17	50		
Bromoform	100	89	70 - 130	11	50		
2-Hexanone	105	88	65 - 130	18	50		
Dichlorobromomethane	111	102	70 - 130	8	50		
4-Methyl-2-pentanone (MIBK)	101	80	64 - 130	23	50		
Methylene Chloride	94	127	52 - 135	30	50		
1,2-Dichlorobenzene	101	91	70 - 130	11	50		
Tetrachloroethene	94	81	70 - 130	15	50		
Chlorobenzene	99	88	70 - 130	12	50		
Toluene	95	84	70 - 130	12	50		
Ethylbenzene	99	96	70 - 130	4	50		
Styrene	105	97	70 - 130	8	50		
trans-1,2-Dichloroethene	116	120	70 - 130	4	50		
trans-1,3-Dichloropropene	97	91	69 - 130	6	50		
Trichloroethene	100	90	70 - 130	10	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188054

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188054/4	Analysis Batch:	680-188054	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq035.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1018			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188054/6	Analysis Batch:	680-188054	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq036.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1039			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	94	103	65 - 135	9	50		
Xylenes, Total	102	95	70 - 130	7	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	99	84	65 - 130
4-Bromofluorobenzene	106	94	65 - 130
Dibromofluoromethane	90	98	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Method Blank - Batch: 680-188140

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 680-188140/9	Analysis Batch:	680-188140	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq212.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 2013			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
Acetone	<50		50
2-Butanone (MEK)	<25		25
1,1,1-Trichloroethane	<5.0		5.0
Bromomethane	<5.0		5.0
Carbon disulfide	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
Chloroethane	<5.0		5.0
Chlorodibromomethane	<5.0		5.0
Chloroform	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Chloromethane	<5.0		5.0
Benzene	<5.0		5.0
cis-1,2-Dichloroethene	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Bromoform	<5.0		5.0
2-Hexanone	<25		25
Dichlorobromomethane	<5.0		5.0
4-Methyl-2-pentanone (MIBK)	<25		25
Methylene Chloride	<5.0		5.0
1,2-Dichlorobenzene	<5.0		5.0
Tetrachloroethene	<5.0		5.0
Chlorobenzene	<5.0		5.0
Toluene	<5.0		5.0
Ethylbenzene	<5.0		5.0
Styrene	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Vinyl chloride	<5.0		5.0
Xylenes, Total	<10		10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	65 - 130
4-Bromofluorobenzene	98	65 - 130
Dibromofluoromethane	94	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188140

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188140/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 1830
Date Prepared: N/A

Analysis Batch: 680-188140
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq207.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188140/7
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 1850
Date Prepared: N/A

Analysis Batch: 680-188140
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq208.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	102	106	69 - 130	4	50		
1,1-Dichloroethane	93	95	70 - 130	2	50		
1,2-Dichloroethane	99	98	66 - 130	1	50		
Acetone	157	169	42 - 130	7	50	*	*
2-Butanone (MEK)	116	111	70 - 130	5	50		
1,1,1-Trichloroethane	99	97	69 - 130	2	50		
Bromomethane	86	95	44 - 130	9	50		
Carbon disulfide	88	90	40 - 136	2	50		
1,1,2,2-Tetrachloroethane	96	89	70 - 130	7	50		
Carbon tetrachloride	98	94	68 - 130	4	50		
1,2-Dichloropropane	96	91	70 - 130	5	50		
Chloroethane	93	97	36 - 150	4	50		
Chlorodibromomethane	101	95	70 - 130	7	50		
Chloroform	99	102	70 - 130	3	50		
1,1,2-Trichloroethane	102	95	70 - 130	6	50		
Chloromethane	90	91	62 - 135	1	50		
Benzene	95	91	70 - 130	4	50		
cis-1,2-Dichloroethene	92	92	70 - 130	1	50		
cis-1,3-Dichloropropene	98	94	70 - 130	4	50		
Bromoform	105	95	70 - 130	9	50		
2-Hexanone	106	102	65 - 130	4	50		
Dichlorobromomethane	103	98	70 - 130	5	50		
4-Methyl-2-pentanone (MIBK)	103	93	64 - 130	11	50		
Methylene Chloride	94	94	52 - 135	1	50		
1,2-Dichlorobenzene	90	86	70 - 130	5	50		
Tetrachloroethene	91	89	70 - 130	3	50		
Chlorobenzene	93	91	70 - 130	2	50		
Toluene	92	90	70 - 130	2	50		
Ethylbenzene	93	90	70 - 130	4	50		
Styrene	92	89	70 - 130	4	50		
trans-1,2-Dichloroethene	94	97	70 - 130	3	50		
trans-1,3-Dichloropropene	97	91	69 - 130	7	50		
Trichloroethene	99	97	70 - 130	2	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188140

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188140/6	Analysis Batch:	680-188140	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq207.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1830			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188140/7	Analysis Batch:	680-188140	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq208.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1850			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	83	87	65 - 135	5	50		
Xylenes, Total	92	91	70 - 130	2	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	92	65 - 130
4-Bromofluorobenzene	90	90	65 - 130
Dibromofluoromethane	93	95	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Method Blank - Batch: 680-188190

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 680-188190/8	Analysis Batch:	680-188190	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	lq045.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/07/2010 1002			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
Acetone	<2000		2000
2-Butanone (MEK)	<1000		1000
1,1,1-Trichloroethane	<200		200
Bromomethane	<200		200
Carbon disulfide	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Carbon tetrachloride	<200		200
1,2-Dichloropropane	<200		200
Chloroethane	<200		200
Chlorodibromomethane	<200		200
Chloroform	<200		200
1,1,2-Trichloroethane	<200		200
Chloromethane	<200		200
Benzene	<200		200
cis-1,2-Dichloroethene	<200		200
cis-1,3-Dichloropropene	<200		200
Bromoform	<200		200
2-Hexanone	<1000		1000
Dichlorobromomethane	<200		200
4-Methyl-2-pentanone (MIBK)	<1000		1000
Methylene Chloride	<200		200
1,2-Dichlorobenzene	<200		200
Tetrachloroethene	<200		200
Chlorobenzene	<200		200
Toluene	<200		200
Ethylbenzene	<200		200
Styrene	<200		200
trans-1,2-Dichloroethene	<200		200
trans-1,3-Dichloropropene	<200		200
Trichloroethene	<200		200
Vinyl chloride	<200		200
Xylenes, Total	<400		400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	92	65 - 130
4-Bromofluorobenzene	107	65 - 130
Dibromofluoromethane	99	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188190

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188190/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/07/2010 0920
Date Prepared: N/A

Analysis Batch: 680-188190
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq043.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188190/13
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/07/2010 1522
Date Prepared: N/A

Analysis Batch: 680-188190
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq047.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	121	107	69 - 130	11	50		
1,1-Dichloroethane	111	95	70 - 130	16	50		
1,2-Dichloroethane	128	137	66 - 130	7	50		*
Acetone	105	96	42 - 130	9	50		
2-Butanone (MEK)	84	74	70 - 130	12	50		
1,1,1-Trichloroethane	124	128	69 - 130	3	50		
Bromomethane	91	76	44 - 130	18	50		
Carbon disulfide	117	99	40 - 136	16	50		
1,1,2,2-Tetrachloroethane	115	98	70 - 130	16	50		
Carbon tetrachloride	123	125	68 - 130	2	50		
1,2-Dichloropropane	105	109	70 - 130	4	50		
Chloroethane	116	95	36 - 150	19	50		
Chlorodibromomethane	117	113	70 - 130	3	50		
Chloroform	99	90	70 - 130	11	50		
1,1,2-Trichloroethane	106	107	70 - 130	2	50		
Chloromethane	116	97	62 - 135	18	50		
Benzene	104	106	70 - 130	2	50		
cis-1,2-Dichloroethene	96	84	70 - 130	14	50		
cis-1,3-Dichloropropene	112	117	70 - 130	4	50		
Bromoform	104	101	70 - 130	3	50		
2-Hexanone	98	96	65 - 130	1	50		
Dichlorobromomethane	120	120	70 - 130	1	50		
4-Methyl-2-pentanone (MIBK)	98	97	64 - 130	1	50		
Methylene Chloride	131	111	52 - 135	16	50		
1,2-Dichlorobenzene	117	107	70 - 130	9	50		
Tetrachloroethene	92	90	70 - 130	3	50		
Chlorobenzene	101	102	70 - 130	1	50		
Toluene	99	99	70 - 130	1	50		
Ethylbenzene	97	101	70 - 130	4	50		
Styrene	120	109	70 - 130	10	50		
trans-1,2-Dichloroethene	128	105	70 - 130	20	50		
trans-1,3-Dichloropropene	107	110	69 - 130	3	50		
Trichloroethene	97	100	70 - 130	3	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188190

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188190/6	Analysis Batch:	680-188190	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq043.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/07/2010 0920			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188190/13	Analysis Batch:	680-188190	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq047.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/07/2010 1522			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	116	95	65 - 135	20	50		
Xylenes, Total	98	104	70 - 130	6	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	96	99	65 - 130
4-Bromofluorobenzene	120	113	65 - 130
Dibromofluoromethane	98	90	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Method Blank - Batch: 680-188315

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-188315/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/08/2010 0922
Date Prepared: N/A

Analysis Batch: 680-188315
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq051.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
Acetone	<2000		2000
2-Butanone (MEK)	<1000		1000
1,1,1-Trichloroethane	<200		200
Bromomethane	<200		200
Carbon disulfide	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Carbon tetrachloride	<200		200
1,2-Dichloropropane	<200		200
Chloroethane	<200		200
Chlorodibromomethane	<200		200
Chloroform	<200		200
1,1,2-Trichloroethane	<200		200
Chloromethane	<200		200
Benzene	<200		200
cis-1,2-Dichloroethene	<200		200
cis-1,3-Dichloropropene	<200		200
Bromoform	<200		200
2-Hexanone	<1000		1000
Dichlorobromomethane	<200		200
4-Methyl-2-pentanone (MIBK)	<1000		1000
Methylene Chloride	<200		200
1,2-Dichlorobenzene	<200		200
Tetrachloroethene	<200		200
Chlorobenzene	<200		200
Toluene	<200		200
Ethylbenzene	<200		200
Styrene	<200		200
trans-1,2-Dichloroethene	<200		200
trans-1,3-Dichloropropene	<200		200
Trichloroethene	<200		200
Vinyl chloride	<200		200
Xylenes, Total	<400		400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	65 - 130
4-Bromofluorobenzene	102	65 - 130
Dibromofluoromethane	93	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188315

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188315/5
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/08/2010 0818
Date Prepared: N/A

Analysis Batch: 680-188315
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq048.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188315/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/08/2010 0840
Date Prepared: N/A

Analysis Batch: 680-188315
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq049.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	100	99	69 - 130	1	50		
1,1-Dichloroethane	97	91	70 - 130	6	50		
1,2-Dichloroethane	139	127	66 - 130	9	50	*	
Acetone	87	90	42 - 130	3	50		
2-Butanone (MEK)	80	73	70 - 130	9	50		
1,1,1-Trichloroethane	134	116	69 - 130	14	50	*	
Bromomethane	79	76	44 - 130	3	50		
Carbon disulfide	102	97	40 - 136	5	50		
1,1,2,2-Tetrachloroethane	101	88	70 - 130	14	50		
Carbon tetrachloride	127	112	68 - 130	12	50		
1,2-Dichloropropane	115	99	70 - 130	15	50		
Chloroethane	97	95	36 - 150	1	50		
Chlorodibromomethane	110	99	70 - 130	11	50		
Chloroform	91	86	70 - 130	6	50		
1,1,2-Trichloroethane	113	98	70 - 130	14	50		
Chloromethane	100	99	62 - 135	1	50		
Benzene	109	93	70 - 130	16	50		
cis-1,2-Dichloroethene	87	82	70 - 130	7	50		
cis-1,3-Dichloropropene	121	113	70 - 130	7	50		
Bromoform	106	88	70 - 130	18	50		
2-Hexanone	103	86	65 - 130	18	50		
Dichlorobromomethane	123	110	70 - 130	12	50		
4-Methyl-2-pentanone (MIBK)	110	96	64 - 130	14	50		
Methylene Chloride	94	106	52 - 135	12	50		
1,2-Dichlorobenzene	115	103	70 - 130	11	50		
Tetrachloroethene	88	82	70 - 130	6	50		
Chlorobenzene	98	88	70 - 130	11	50		
Toluene	99	94	70 - 130	6	50		
Ethylbenzene	99	93	70 - 130	7	50		
Styrene	112	102	70 - 130	10	50		
trans-1,2-Dichloroethene	110	102	70 - 130	8	50		
trans-1,3-Dichloropropene	119	103	69 - 130	14	50		
Trichloroethene	106	91	70 - 130	15	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63549-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188315

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188315/5	Analysis Batch:	680-188315	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq048.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/08/2010 0818			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188315/6	Analysis Batch:	680-188315	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq049.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/08/2010 0840			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	96	95	65 - 135	1	50		
Xylenes, Total	98	93	70 - 130	6	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	107	93	65 - 130
4-Bromofluorobenzene	116	99	65 - 130
Dibromofluoromethane	93	86	65 - 130

ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

Project Number/Name OH004000.WC04.11303 Ashland Greensboro

Project Location Greensboro, NC

Laboratory Test America

Project Manager Ryan Gerber

Sampler(s)/Affiliation Matt Webb

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	VOCs EPA Method 5260B w/ 5035 Method of preservation	Soil moisture (for VOCs)	VOCs EPA Method 5260B (for water)				Remarks	Total
SB 36-37	S	11:45		X	X					2 VOAs w/ Sodium bisulfate, 1 VOA w/ methanol, 1 plastic	4
SB-36-26		11/24/10/1055									
SB-36-11		11/24/10/1915									
SB-36-7		11/24/10/900									
SB-26-55		11/23/10/1700									
SB-36-15		11/24/10/930				X				HCl Preservative	3
SB-26-606W	W	11/24/10/730								See top line	4
SB-25-6	S	11/23/10 8:45		X	X						
SB-25-12		1900									
SB-25-19		1945									
SB-25-28.5		1110									
SB-25-35.7		1200									
SB-25-42GW	W	1310				X				HCl Preservative	3
SB-25-47	S	1420		X	X					See top line	4
SB-25-53		1450									
										Total No. of Bottles/ Containers	58

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: Matt Webb	Organization: Arcadis C&U	Date 11/29/10	Time 17:30	Seal Intact? Yes No N/A
Received by:	Organization:	Date / /	Time	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by: Frances Swafford	Organization: TAS	Date 11/30/10	Time 10:06	Yes No N/A

Special Instructions/Remarks:

5.8

680-63549

Delivery Method: ☐ In Person ☐ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

AG 05-12/01

12/14/2010

ANALYTICAL REPORT

Job Number: 680-63635-1

Job Description: Ashland Greensboro

For:
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Attention: Mr. Don Malone

Approved for release.
Abbie G Yant
Project Manager I
12/17/2010 1:21 PM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com
12/17/2010

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: SB-37-10 (680-63635-2), SB-37-15 (680-63635-3), SB-37-52 (680-63635-7), SB-37-58.5 (680-63635-8), SB-38-10 (680-63635-10), SB-38-12 (680-63635-11), SB-38-14 (680-63635-12), SB-38-20 (680-63635-13), SB-38-27 (680-63635-14), SB-38-40 (680-63635-15), SB-38-50 (680-63635-16), SB-38-58 (680-63635-17), SB-38-60 (680-63635-18), SB-28-39 (680-63635-24), SB-28-46 (680-63635-25), SB-28-50 (680-63635-26).

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 188157 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch 188190 had one analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for four analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 188315 had two analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: SB-37-24 (680-63635-4), SB-37-31 (680-63635-5), SB-38-72 (680-63635-19), SB-28-15 (680-63635-22), SB-28-12 (680-63635-21), SB-28-25 (680-63635-23), SB-28-59 (680-63635-27). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
Method(s) 5035: One of the DIH2O vials submitted for the following sample(s) contained significantly greater than 5 grams: SB-28-15 (680-63635-22). Weight 10.2 grams

Method(s) 5035: The MEOH vial for sample SB-28-59 (680-63635-27) contained no MEOH. The dilution for this sample was performed from bulk container.

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 680-63635-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030A
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Closed System Purge and Trap	TAL SAV		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL SAV	SW846 8270D	
Microwave Extraction	TAL SAV		SW846 3546
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030B

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Method	Analyst	Analyst ID
SW846 8260B	Lanier, Carolyn	CL
SW846 8260B	Sokolin, Eleina	ES
SW846 8270D	Palefsky, Whitney H	WHP

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 680-63635-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-63635-1	SB-37-5	Solid	11/29/2010 1635	12/02/2010 0931
680-63635-2	SB-37-10	Solid	11/29/2010 1645	12/02/2010 0931
680-63635-3	SB-37-15	Solid	11/29/2010 1655	12/02/2010 0931
680-63635-4	SB-37-24	Solid	11/30/2010 0810	12/02/2010 0931
680-63635-5	SB-37-31	Solid	11/30/2010 0830	12/02/2010 0931
680-63635-6	SB-37-40	Solid	11/30/2010 0900	12/02/2010 0931
680-63635-7	SB-37-52	Solid	11/30/2010 1005	12/02/2010 0931
680-63635-8	SB-37-58.5	Solid	11/30/2010 1025	12/02/2010 0931
680-63635-9	SB-38-6	Solid	11/30/2010 1155	12/02/2010 0931
680-63635-10	SB-38-10	Solid	11/30/2010 1205	12/02/2010 0931
680-63635-11	SB-38-12	Solid	11/30/2010 1210	12/02/2010 0931
680-63635-12	SB-38-14	Solid	11/30/2010 1215	12/02/2010 0931
680-63635-13	SB-38-20	Solid	11/30/2010 1300	12/02/2010 0931
680-63635-14	SB-38-27	Solid	11/30/2010 1330	12/02/2010 0931
680-63635-15	SB-38-40	Solid	11/30/2010 1345	12/02/2010 0931
680-63635-16	SB-38-50	Solid	11/30/2010 1430	12/02/2010 0931
680-63635-17	SB-38-58	Solid	11/30/2010 1455	12/02/2010 0931
680-63635-18	SB-38-60	Solid	11/30/2010 1520	12/02/2010 0931
680-63635-19	SB-38-72	Solid	11/30/2010 1620	12/02/2010 0931
680-63635-20	SB-28-6	Solid	12/01/2010 0830	12/02/2010 0931
680-63635-21	SB-28-12	Solid	12/01/2010 0845	12/02/2010 0931
680-63635-22	SB-28-15	Solid	12/01/2010 0910	12/02/2010 0931
680-63635-23	SB-28-25	Solid	12/01/2010 0945	12/02/2010 0931
680-63635-24	SB-28-39	Solid	12/01/2010 1030	12/02/2010 0931
680-63635-25	SB-28-46	Solid	12/01/2010 1100	12/02/2010 0931
680-63635-26	SB-28-50	Solid	12/01/2010 1120	12/02/2010 0931
680-63635-27	SB-28-59	Solid	12/01/2010 1200	12/02/2010 0931
680-63635-28	SB-28-64GW	Water	12/01/2010 1240	12/02/2010 0931

SAMPLE RESULTS

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-5**
Lab Sample ID: **680-63635-1**

Date Sampled: 11/29/2010 1635
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 75

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/06/2010 2202	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<240		ug/Kg	240	40
Bromomethane	<240		ug/Kg	240	40
Vinyl chloride	<240		ug/Kg	240	40
Chloroethane	<240		ug/Kg	240	40
Methylene Chloride	620		ug/Kg	240	40
Acetone	2700	*	ug/Kg	2400	40
Carbon disulfide	<240		ug/Kg	240	40
1,1-Dichloroethene	<240		ug/Kg	240	40
1,1-Dichloroethane	<240		ug/Kg	240	40
cis-1,2-Dichloroethene	<240		ug/Kg	240	40
trans-1,2-Dichloroethene	<240		ug/Kg	240	40
Chloroform	<240		ug/Kg	240	40
1,2-Dichloroethane	<240		ug/Kg	240	40
2-Butanone (MEK)	6300		ug/Kg	1200	40
1,1,1-Trichloroethane	<240		ug/Kg	240	40
Carbon tetrachloride	<240		ug/Kg	240	40
Dichlorobromomethane	<240		ug/Kg	240	40
1,1,2,2-Tetrachloroethane	<240		ug/Kg	240	40
1,2-Dichloropropane	<240		ug/Kg	240	40
trans-1,3-Dichloropropene	<240		ug/Kg	240	40
Trichloroethene	<240		ug/Kg	240	40
Chlorodibromomethane	<240		ug/Kg	240	40
1,1,2-Trichloroethane	<240		ug/Kg	240	40
Benzene	<240		ug/Kg	240	40
cis-1,3-Dichloropropene	<240		ug/Kg	240	40
Bromoform	<240		ug/Kg	240	40
2-Hexanone	<1200		ug/Kg	1200	40
4-Methyl-2-pentanone (MIBK)	<1200		ug/Kg	1200	40
Tetrachloroethene	<240		ug/Kg	240	40
1,2-Dichlorobenzene	<240		ug/Kg	240	40
Toluene	7000		ug/Kg	240	40
Chlorobenzene	<240		ug/Kg	240	40
Ethylbenzene	300		ug/Kg	240	40
Styrene	<240		ug/Kg	240	40
Xylenes, Total	1900		ug/Kg	470	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	67	%	65 - 130
4-Bromofluorobenzene	75	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-5**
Lab Sample ID: **680-63635-1**

Date Sampled: 11/29/2010 1635
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 75

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	67	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-10**
Lab Sample ID: **680-63635-2**

Date Sampled: 11/29/2010 1645
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/06/2010 2223	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<5900		ug/Kg	5900	1000
Bromomethane	<5900		ug/Kg	5900	1000
Vinyl chloride	<5900		ug/Kg	5900	1000
Chloroethane	<5900		ug/Kg	5900	1000
Methylene Chloride	<5900		ug/Kg	5900	1000
Acetone	<59000	*	ug/Kg	59000	1000
Carbon disulfide	<5900		ug/Kg	5900	1000
1,1-Dichloroethene	<5900		ug/Kg	5900	1000
1,1-Dichloroethane	<5900		ug/Kg	5900	1000
cis-1,2-Dichloroethene	<5900		ug/Kg	5900	1000
trans-1,2-Dichloroethene	<5900		ug/Kg	5900	1000
Chloroform	<5900		ug/Kg	5900	1000
1,2-Dichloroethane	<5900		ug/Kg	5900	1000
2-Butanone (MEK)	<30000		ug/Kg	30000	1000
1,1,1-Trichloroethane	5900		ug/Kg	5900	1000
Carbon tetrachloride	<5900		ug/Kg	5900	1000
Dichlorobromomethane	<5900		ug/Kg	5900	1000
1,1,2,2-Tetrachloroethane	<5900		ug/Kg	5900	1000
1,2-Dichloropropane	<5900		ug/Kg	5900	1000
trans-1,3-Dichloropropene	<5900		ug/Kg	5900	1000
Trichloroethene	<5900		ug/Kg	5900	1000
Chlorodibromomethane	<5900		ug/Kg	5900	1000
1,1,2-Trichloroethane	<5900		ug/Kg	5900	1000
Benzene	<5900		ug/Kg	5900	1000
cis-1,3-Dichloropropene	<5900		ug/Kg	5900	1000
Bromoform	<5900		ug/Kg	5900	1000
2-Hexanone	<30000		ug/Kg	30000	1000
4-Methyl-2-pentanone (MIBK)	<30000		ug/Kg	30000	1000
Tetrachloroethene	12000		ug/Kg	5900	1000
1,2-Dichlorobenzene	<5900		ug/Kg	5900	1000
Toluene	130000		ug/Kg	5900	1000
Chlorobenzene	<5900		ug/Kg	5900	1000
Ethylbenzene	17000		ug/Kg	5900	1000
Styrene	<5900		ug/Kg	5900	1000
Xylenes, Total	83000		ug/Kg	12000	1000

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-10**
Lab Sample ID: **680-63635-2**

Date Sampled: 11/29/2010 1645
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	
Method: 8270D			Date Analyzed:	12/09/2010 2027	
Prep Method: 3546			Date Prepared:	12/07/2010 1500	
Acenaphthene	<450		ug/Kg	450	1.0
Acenaphthylene	<450		ug/Kg	450	1.0
Anthracene	<450		ug/Kg	450	1.0
Benzo[a]anthracene	<450		ug/Kg	450	1.0
Benzo[b]fluoranthene	<450		ug/Kg	450	1.0
Benzo[k]fluoranthene	<450		ug/Kg	450	1.0
Benzo[g,h,i]perylene	<450		ug/Kg	450	1.0
Benzo[a]pyrene	<450		ug/Kg	450	1.0
Bis(2-chloroethoxy)methane	<450		ug/Kg	450	1.0
Bis(2-chloroethyl)ether	<450		ug/Kg	450	1.0
Bis(2-ethylhexyl) phthalate	630		ug/Kg	450	1.0
4-Bromophenyl phenyl ether	<450		ug/Kg	450	1.0
Butyl benzyl phthalate	<450		ug/Kg	450	1.0
Carbazole	<450		ug/Kg	450	1.0
4-Chloroaniline	<910		ug/Kg	910	1.0
4-Chloro-3-methylphenol	<450		ug/Kg	450	1.0
2-Chloronaphthalene	<450		ug/Kg	450	1.0
2-Chlorophenol	<450		ug/Kg	450	1.0
4-Chlorophenyl phenyl ether	<450		ug/Kg	450	1.0
Chrysene	<450		ug/Kg	450	1.0
Dibenz(a,h)anthracene	<450		ug/Kg	450	1.0
Dibenzofuran	<450		ug/Kg	450	1.0
Di-n-butyl phthalate	910		ug/Kg	450	1.0
1,2-Dichlorobenzene	690		ug/Kg	450	1.0
1,3-Dichlorobenzene	<450		ug/Kg	450	1.0
1,4-Dichlorobenzene	<450		ug/Kg	450	1.0
3,3'-Dichlorobenzidine	<910		ug/Kg	910	1.0
2,4-Dichlorophenol	<450		ug/Kg	450	1.0
Diethyl phthalate	<450		ug/Kg	450	1.0
2,4-Dimethylphenol	<450		ug/Kg	450	1.0
Dimethyl phthalate	<450		ug/Kg	450	1.0
4,6-Dinitro-2-methylphenol	<2300		ug/Kg	2300	1.0
2,4-Dinitrophenol	<2300		ug/Kg	2300	1.0
2,4-Dinitrotoluene	<450		ug/Kg	450	1.0
2,6-Dinitrotoluene	<450		ug/Kg	450	1.0
Di-n-octyl phthalate	650		ug/Kg	450	1.0

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
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Job Number: 680-63635-1

Client Sample ID: **SB-37-10**
Lab Sample ID: **680-63635-2**

Date Sampled: 11/29/2010 1645
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier	Unit	RL	Dilution
N-Nitrosodiphenylamine	<450	ug/Kg	450	1.0
1,4-Dioxane	<450	ug/Kg	450	1.0
Fluoranthene	<450	ug/Kg	450	1.0
Fluorene	<450	ug/Kg	450	1.0
Hexachlorobenzene	<450	ug/Kg	450	1.0
Hexachlorobutadiene	<450	ug/Kg	450	1.0
Hexachlorocyclopentadiene	<450	ug/Kg	450	1.0
Hexachloroethane	<450	ug/Kg	450	1.0
Indeno[1,2,3-cd]pyrene	<450	ug/Kg	450	1.0
Isophorone	<450	ug/Kg	450	1.0
2-Methylnaphthalene	<450	ug/Kg	450	1.0
2-Methylphenol	<450	ug/Kg	450	1.0
3 & 4 Methylphenol	<450	ug/Kg	450	1.0
Naphthalene	<450	ug/Kg	450	1.0
2-Nitroaniline	<2300	ug/Kg	2300	1.0
3-Nitroaniline	<2300	ug/Kg	2300	1.0
4-Nitroaniline	<2300	ug/Kg	2300	1.0
Nitrobenzene	<450	ug/Kg	450	1.0
2-Nitrophenol	<450	ug/Kg	450	1.0
4-Nitrophenol	<2300	ug/Kg	2300	1.0
N-Nitrosodi-n-propylamine	<450	ug/Kg	450	1.0
Pentachlorophenol	<2300	ug/Kg	2300	1.0
Phenanthrene	<450	ug/Kg	450	1.0
Phenol	<450	ug/Kg	450	1.0
Pyrene	<450	ug/Kg	450	1.0
1,2,4-Trichlorobenzene	<450	ug/Kg	450	1.0
2,4,5-Trichlorophenol	<450	ug/Kg	450	1.0
2,4,6-Trichlorophenol	<450	ug/Kg	450	1.0
bis(chloroisopropyl) ether	<450	ug/Kg	450	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	64	%	58 - 130
2-Fluorophenol	66	%	40 - 130
Nitrobenzene-d5	68	%	46 - 130
Phenol-d5	67	%	49 - 130
Terphenyl-d14	72	%	60 - 130
2,4,6-Tribromophenol	74	%	58 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-15**
Lab Sample ID: **680-63635-3**

Date Sampled: 11/29/2010 1655
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 71

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/06/2010 2244	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2600		ug/Kg	2600	400
Bromomethane	<2600		ug/Kg	2600	400
Vinyl chloride	<2600		ug/Kg	2600	400
Chloroethane	<2600		ug/Kg	2600	400
Methylene Chloride	<2600		ug/Kg	2600	400
Acetone	<26000	*	ug/Kg	26000	400
Carbon disulfide	<2600		ug/Kg	2600	400
1,1-Dichloroethene	<2600		ug/Kg	2600	400
1,1-Dichloroethane	<2600		ug/Kg	2600	400
cis-1,2-Dichloroethene	<2600		ug/Kg	2600	400
trans-1,2-Dichloroethene	<2600		ug/Kg	2600	400
Chloroform	<2600		ug/Kg	2600	400
1,2-Dichloroethane	<2600		ug/Kg	2600	400
2-Butanone (MEK)	<13000		ug/Kg	13000	400
1,1,1-Trichloroethane	7700		ug/Kg	2600	400
Carbon tetrachloride	<2600		ug/Kg	2600	400
Dichlorobromomethane	<2600		ug/Kg	2600	400
1,1,2,2-Tetrachloroethane	<2600		ug/Kg	2600	400
1,2-Dichloropropane	<2600		ug/Kg	2600	400
trans-1,3-Dichloropropene	<2600		ug/Kg	2600	400
Trichloroethene	<2600		ug/Kg	2600	400
Chlorodibromomethane	<2600		ug/Kg	2600	400
1,1,2-Trichloroethane	<2600		ug/Kg	2600	400
Benzene	<2600		ug/Kg	2600	400
cis-1,3-Dichloropropene	<2600		ug/Kg	2600	400
Bromoform	<2600		ug/Kg	2600	400
2-Hexanone	<13000		ug/Kg	13000	400
4-Methyl-2-pentanone (MIBK)	<13000		ug/Kg	13000	400
Tetrachloroethene	18000		ug/Kg	2600	400
1,2-Dichlorobenzene	6700		ug/Kg	2600	400
Toluene	45000		ug/Kg	2600	400
Chlorobenzene	<2600		ug/Kg	2600	400
Ethylbenzene	17000		ug/Kg	2600	400
Styrene	<2600		ug/Kg	2600	400
Xylenes, Total	71000		ug/Kg	5200	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-15**
Lab Sample ID: **680-63635-3**

Date Sampled: 11/29/2010 1655
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 71

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
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801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-24**
Lab Sample ID: **680-63635-4**

Date Sampled: 11/30/2010 0810
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 1033	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<1100		ug/Kg	1100	200
Bromomethane	<1100		ug/Kg	1100	200
Vinyl chloride	<1100		ug/Kg	1100	200
Chloroethane	<1100		ug/Kg	1100	200
Methylene Chloride	<1100		ug/Kg	1100	200
Acetone	<11000		ug/Kg	11000	200
Carbon disulfide	<1100		ug/Kg	1100	200
1,1-Dichloroethene	1500		ug/Kg	1100	200
1,1-Dichloroethane	<1100		ug/Kg	1100	200
cis-1,2-Dichloroethene	<1100		ug/Kg	1100	200
trans-1,2-Dichloroethene	<1100		ug/Kg	1100	200
Chloroform	<1100		ug/Kg	1100	200
1,2-Dichloroethane	<1100	*	ug/Kg	1100	200
2-Butanone (MEK)	<5600		ug/Kg	5600	200
1,1,1-Trichloroethane	3100	*	ug/Kg	1100	200
Carbon tetrachloride	<1100		ug/Kg	1100	200
Dichlorobromomethane	<1100		ug/Kg	1100	200
1,1,2,2-Tetrachloroethane	<1100		ug/Kg	1100	200
1,2-Dichloropropane	<1100		ug/Kg	1100	200
trans-1,3-Dichloropropene	<1100		ug/Kg	1100	200
Trichloroethene	<1100		ug/Kg	1100	200
Chlorodibromomethane	<1100		ug/Kg	1100	200
1,1,2-Trichloroethane	<1100		ug/Kg	1100	200
Benzene	<1100		ug/Kg	1100	200
cis-1,3-Dichloropropene	<1100		ug/Kg	1100	200
Bromoform	<1100		ug/Kg	1100	200
2-Hexanone	<5600		ug/Kg	5600	200
4-Methyl-2-pentanone (MIBK)	<5600		ug/Kg	5600	200
Tetrachloroethene	5100		ug/Kg	1100	200
1,2-Dichlorobenzene	1700		ug/Kg	1100	200
Toluene	15000		ug/Kg	1100	200
Chlorobenzene	<1100		ug/Kg	1100	200
Ethylbenzene	2000		ug/Kg	1100	200
Styrene	<1100		ug/Kg	1100	200
Xylenes, Total	9600		ug/Kg	2200	200

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	60	X	%	65 - 130
4-Bromofluorobenzene	68		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-24**
Lab Sample ID: **680-63635-4**

Date Sampled: 11/30/2010 0810
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	64	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-31**
Lab Sample ID: **680-63635-5**

Date Sampled: 11/30/2010 0830
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/06/2010 2325	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<580		ug/Kg	580	100
Bromomethane	<580		ug/Kg	580	100
Vinyl chloride	<580		ug/Kg	580	100
Chloroethane	<580		ug/Kg	580	100
Methylene Chloride	<580		ug/Kg	580	100
Acetone	<5800	*	ug/Kg	5800	100
Carbon disulfide	<580		ug/Kg	580	100
1,1-Dichloroethene	1200		ug/Kg	580	100
1,1-Dichloroethane	<580		ug/Kg	580	100
cis-1,2-Dichloroethene	630		ug/Kg	580	100
trans-1,2-Dichloroethene	<580		ug/Kg	580	100
Chloroform	<580		ug/Kg	580	100
1,2-Dichloroethane	<580		ug/Kg	580	100
2-Butanone (MEK)	<2900		ug/Kg	2900	100
1,1,1-Trichloroethane	1500		ug/Kg	580	100
Carbon tetrachloride	<580		ug/Kg	580	100
Dichlorobromomethane	<580		ug/Kg	580	100
1,1,2,2-Tetrachloroethane	<580		ug/Kg	580	100
1,2-Dichloropropane	<580		ug/Kg	580	100
trans-1,3-Dichloropropene	<580		ug/Kg	580	100
Trichloroethene	<580		ug/Kg	580	100
Chlorodibromomethane	<580		ug/Kg	580	100
1,1,2-Trichloroethane	<580		ug/Kg	580	100
Benzene	<580		ug/Kg	580	100
cis-1,3-Dichloropropene	<580		ug/Kg	580	100
Bromoform	<580		ug/Kg	580	100
2-Hexanone	<2900		ug/Kg	2900	100
4-Methyl-2-pentanone (MIBK)	<2900		ug/Kg	2900	100
Tetrachloroethene	4800		ug/Kg	580	100
1,2-Dichlorobenzene	1600		ug/Kg	580	100
Toluene	11000		ug/Kg	580	100
Chlorobenzene	<580		ug/Kg	580	100
Ethylbenzene	1700		ug/Kg	580	100
Styrene	<580		ug/Kg	580	100
Xylenes, Total	7300		ug/Kg	1200	100

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	58	X	%	65 - 130
4-Bromofluorobenzene	65		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-31**
Lab Sample ID: **680-63635-5**

Date Sampled: 11/30/2010 0830
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	64	X	%	65 - 130	

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-40**
Lab Sample ID: **680-63635-6**

Date Sampled: 11/30/2010 0900
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 1652	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<650		ug/Kg	650	100
Bromomethane	<650		ug/Kg	650	100
Vinyl chloride	<650		ug/Kg	650	100
Chloroethane	<650		ug/Kg	650	100
Methylene Chloride	<650		ug/Kg	650	100
Acetone	<6500		ug/Kg	6500	100
Carbon disulfide	<650		ug/Kg	650	100
1,1-Dichloroethene	<650		ug/Kg	650	100
1,1-Dichloroethane	<650		ug/Kg	650	100
cis-1,2-Dichloroethene	<650		ug/Kg	650	100
trans-1,2-Dichloroethene	<650		ug/Kg	650	100
Chloroform	<650		ug/Kg	650	100
1,2-Dichloroethane	<650	*	ug/Kg	650	100
2-Butanone (MEK)	<3200		ug/Kg	3200	100
1,1,1-Trichloroethane	1000	*	ug/Kg	650	100
Carbon tetrachloride	<650		ug/Kg	650	100
Dichlorobromomethane	<650		ug/Kg	650	100
1,1,2,2-Tetrachloroethane	<650		ug/Kg	650	100
1,2-Dichloropropane	<650		ug/Kg	650	100
trans-1,3-Dichloropropene	<650		ug/Kg	650	100
Trichloroethene	660		ug/Kg	650	100
Chlorodibromomethane	<650		ug/Kg	650	100
1,1,2-Trichloroethane	<650		ug/Kg	650	100
Benzene	<650		ug/Kg	650	100
cis-1,3-Dichloropropene	<650		ug/Kg	650	100
Bromoform	<650		ug/Kg	650	100
2-Hexanone	<3200		ug/Kg	3200	100
4-Methyl-2-pentanone (MIBK)	<3200		ug/Kg	3200	100
Tetrachloroethene	7100		ug/Kg	650	100
1,2-Dichlorobenzene	3500		ug/Kg	650	100
Toluene	12000		ug/Kg	650	100
Chlorobenzene	<650		ug/Kg	650	100
Ethylbenzene	3200		ug/Kg	650	100
Styrene	<650		ug/Kg	650	100
Xylenes, Total	17000		ug/Kg	1300	100

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	68	%	65 - 130
4-Bromofluorobenzene	105	%	65 - 130

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-40**
Lab Sample ID: **680-63635-6**

Date Sampled: 11/30/2010 0900
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	78	%	65 - 130	

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ARCADIS U.S., Inc.
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Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-52**
Lab Sample ID: **680-63635-7**

Date Sampled: 11/30/2010 1005
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 74

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0006	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2400		ug/Kg	2400	400
Bromomethane	<2400		ug/Kg	2400	400
Vinyl chloride	<2400		ug/Kg	2400	400
Chloroethane	<2400		ug/Kg	2400	400
Methylene Chloride	14000		ug/Kg	2400	400
Acetone	<24000	*	ug/Kg	24000	400
Carbon disulfide	<2400		ug/Kg	2400	400
1,1-Dichloroethene	2800		ug/Kg	2400	400
1,1-Dichloroethane	<2400		ug/Kg	2400	400
cis-1,2-Dichloroethene	<2400		ug/Kg	2400	400
trans-1,2-Dichloroethene	<2400		ug/Kg	2400	400
Chloroform	<2400		ug/Kg	2400	400
1,2-Dichloroethane	<2400		ug/Kg	2400	400
2-Butanone (MEK)	<12000		ug/Kg	12000	400
1,1,1-Trichloroethane	<2400		ug/Kg	2400	400
Carbon tetrachloride	<2400		ug/Kg	2400	400
Dichlorobromomethane	<2400		ug/Kg	2400	400
1,1,2,2-Tetrachloroethane	<2400		ug/Kg	2400	400
1,2-Dichloropropane	<2400		ug/Kg	2400	400
trans-1,3-Dichloropropene	<2400		ug/Kg	2400	400
Trichloroethene	<2400		ug/Kg	2400	400
Chlorodibromomethane	<2400		ug/Kg	2400	400
1,1,2-Trichloroethane	<2400		ug/Kg	2400	400
Benzene	<2400		ug/Kg	2400	400
cis-1,3-Dichloropropene	<2400		ug/Kg	2400	400
Bromoform	<2400		ug/Kg	2400	400
2-Hexanone	<12000		ug/Kg	12000	400
4-Methyl-2-pentanone (MIBK)	<12000		ug/Kg	12000	400
Tetrachloroethene	2400		ug/Kg	2400	400
1,2-Dichlorobenzene	<2400		ug/Kg	2400	400
Toluene	32000		ug/Kg	2400	400
Chlorobenzene	<2400		ug/Kg	2400	400
Ethylbenzene	<2400		ug/Kg	2400	400
Styrene	<2400		ug/Kg	2400	400
Xylenes, Total	7800		ug/Kg	4700	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-52**
Lab Sample ID: **680-63635-7**

Date Sampled: 11/30/2010 1005
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 74

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-58.5**
Lab Sample ID: **680-63635-8**

Date Sampled: 11/30/2010 1025
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 75

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0027	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2300		ug/Kg	2300	400
Bromomethane	<2300		ug/Kg	2300	400
Vinyl chloride	<2300		ug/Kg	2300	400
Chloroethane	<2300		ug/Kg	2300	400
Methylene Chloride	21000		ug/Kg	2300	400
Acetone	<23000	*	ug/Kg	23000	400
Carbon disulfide	<2300		ug/Kg	2300	400
1,1-Dichloroethene	6200		ug/Kg	2300	400
1,1-Dichloroethane	<2300		ug/Kg	2300	400
cis-1,2-Dichloroethene	<2300		ug/Kg	2300	400
trans-1,2-Dichloroethene	<2300		ug/Kg	2300	400
Chloroform	<2300		ug/Kg	2300	400
1,2-Dichloroethane	<2300		ug/Kg	2300	400
2-Butanone (MEK)	<12000		ug/Kg	12000	400
1,1,1-Trichloroethane	<2300		ug/Kg	2300	400
Carbon tetrachloride	<2300		ug/Kg	2300	400
Dichlorobromomethane	<2300		ug/Kg	2300	400
1,1,2,2-Tetrachloroethane	<2300		ug/Kg	2300	400
1,2-Dichloropropane	<2300		ug/Kg	2300	400
trans-1,3-Dichloropropene	<2300		ug/Kg	2300	400
Trichloroethene	<2300		ug/Kg	2300	400
Chlorodibromomethane	<2300		ug/Kg	2300	400
1,1,2-Trichloroethane	<2300		ug/Kg	2300	400
Benzene	<2300		ug/Kg	2300	400
cis-1,3-Dichloropropene	<2300		ug/Kg	2300	400
Bromoform	<2300		ug/Kg	2300	400
2-Hexanone	<12000		ug/Kg	12000	400
4-Methyl-2-pentanone (MIBK)	<12000		ug/Kg	12000	400
Tetrachloroethene	2700		ug/Kg	2300	400
1,2-Dichlorobenzene	<2300		ug/Kg	2300	400
Toluene	43000		ug/Kg	2300	400
Chlorobenzene	<2300		ug/Kg	2300	400
Ethylbenzene	<2300		ug/Kg	2300	400
Styrene	<2300		ug/Kg	2300	400
Xylenes, Total	9400		ug/Kg	4600	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-37-58.5**
Lab Sample ID: **680-63635-8**

Date Sampled: 11/30/2010 1025
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 75

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-6**
Lab Sample ID: **680-63635-9**

Date Sampled: 11/30/2010 1155
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0048	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<250		ug/Kg	250	40
Bromomethane	<250		ug/Kg	250	40
Vinyl chloride	<250		ug/Kg	250	40
Chloroethane	<250		ug/Kg	250	40
Methylene Chloride	<250		ug/Kg	250	40
Acetone	<2500	*	ug/Kg	2500	40
Carbon disulfide	<250		ug/Kg	250	40
1,1-Dichloroethene	<250		ug/Kg	250	40
1,1-Dichloroethane	<250		ug/Kg	250	40
cis-1,2-Dichloroethene	<250		ug/Kg	250	40
trans-1,2-Dichloroethene	<250		ug/Kg	250	40
Chloroform	<250		ug/Kg	250	40
1,2-Dichloroethane	<250		ug/Kg	250	40
2-Butanone (MEK)	<1300		ug/Kg	1300	40
1,1,1-Trichloroethane	390		ug/Kg	250	40
Carbon tetrachloride	<250		ug/Kg	250	40
Dichlorobromomethane	<250		ug/Kg	250	40
1,1,2,2-Tetrachloroethane	<250		ug/Kg	250	40
1,2-Dichloropropane	<250		ug/Kg	250	40
trans-1,3-Dichloropropene	<250		ug/Kg	250	40
Trichloroethene	440		ug/Kg	250	40
Chlorodibromomethane	<250		ug/Kg	250	40
1,1,2-Trichloroethane	<250		ug/Kg	250	40
Benzene	<250		ug/Kg	250	40
cis-1,3-Dichloropropene	<250		ug/Kg	250	40
Bromoform	<250		ug/Kg	250	40
2-Hexanone	<1300		ug/Kg	1300	40
4-Methyl-2-pentanone (MIBK)	<1300		ug/Kg	1300	40
Tetrachloroethene	820		ug/Kg	250	40
1,2-Dichlorobenzene	<250		ug/Kg	250	40
Toluene	<250		ug/Kg	250	40
Chlorobenzene	<250		ug/Kg	250	40
Ethylbenzene	<250		ug/Kg	250	40
Styrene	<250		ug/Kg	250	40
Xylenes, Total	<510		ug/Kg	510	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	84	%	65 - 130
4-Bromofluorobenzene	90	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-6**
Lab Sample ID: **680-63635-9**

Date Sampled: 11/30/2010 1155
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 73

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	87	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-10**
Lab Sample ID: **680-63635-10**

Date Sampled: 11/30/2010 1205
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0108	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2500		ug/Kg	2500	400
Bromomethane	<2500		ug/Kg	2500	400
Vinyl chloride	<2500		ug/Kg	2500	400
Chloroethane	<2500		ug/Kg	2500	400
Methylene Chloride	<2500		ug/Kg	2500	400
Acetone	<25000	*	ug/Kg	25000	400
Carbon disulfide	<2500		ug/Kg	2500	400
1,1-Dichloroethene	<2500		ug/Kg	2500	400
1,1-Dichloroethane	<2500		ug/Kg	2500	400
cis-1,2-Dichloroethene	<2500		ug/Kg	2500	400
trans-1,2-Dichloroethene	<2500		ug/Kg	2500	400
Chloroform	<2500		ug/Kg	2500	400
1,2-Dichloroethane	<2500		ug/Kg	2500	400
2-Butanone (MEK)	<13000		ug/Kg	13000	400
1,1,1-Trichloroethane	10000		ug/Kg	2500	400
Carbon tetrachloride	<2500		ug/Kg	2500	400
Dichlorobromomethane	<2500		ug/Kg	2500	400
1,1,2,2-Tetrachloroethane	<2500		ug/Kg	2500	400
1,2-Dichloropropane	<2500		ug/Kg	2500	400
trans-1,3-Dichloropropene	<2500		ug/Kg	2500	400
Trichloroethene	3500		ug/Kg	2500	400
Chlorodibromomethane	<2500		ug/Kg	2500	400
1,1,2-Trichloroethane	<2500		ug/Kg	2500	400
Benzene	<2500		ug/Kg	2500	400
cis-1,3-Dichloropropene	<2500		ug/Kg	2500	400
Bromoform	<2500		ug/Kg	2500	400
2-Hexanone	<13000		ug/Kg	13000	400
4-Methyl-2-pentanone (MIBK)	<13000		ug/Kg	13000	400
Tetrachloroethene	51000		ug/Kg	2500	400
1,2-Dichlorobenzene	12000		ug/Kg	2500	400
Toluene	16000		ug/Kg	2500	400
Chlorobenzene	<2500		ug/Kg	2500	400
Ethylbenzene	<2500		ug/Kg	2500	400
Styrene	<2500		ug/Kg	2500	400
Xylenes, Total	12000		ug/Kg	5000	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-10**
Lab Sample ID: **680-63635-10**

Date Sampled: 11/30/2010 1205
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-12**
Lab Sample ID: **680-63635-11**

Date Sampled: 11/30/2010 1210
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 75

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0129	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<6200		ug/Kg	6200	1000
Bromomethane	<6200		ug/Kg	6200	1000
Vinyl chloride	<6200		ug/Kg	6200	1000
Chloroethane	<6200		ug/Kg	6200	1000
Methylene Chloride	<6200		ug/Kg	6200	1000
Acetone	<62000	*	ug/Kg	62000	1000
Carbon disulfide	<6200		ug/Kg	6200	1000
1,1-Dichloroethene	<6200		ug/Kg	6200	1000
1,1-Dichloroethane	<6200		ug/Kg	6200	1000
cis-1,2-Dichloroethene	<6200		ug/Kg	6200	1000
trans-1,2-Dichloroethene	<6200		ug/Kg	6200	1000
Chloroform	<6200		ug/Kg	6200	1000
1,2-Dichloroethane	<6200		ug/Kg	6200	1000
2-Butanone (MEK)	<31000		ug/Kg	31000	1000
1,1,1-Trichloroethane	33000		ug/Kg	6200	1000
Carbon tetrachloride	<6200		ug/Kg	6200	1000
Dichlorobromomethane	<6200		ug/Kg	6200	1000
1,1,2,2-Tetrachloroethane	<6200		ug/Kg	6200	1000
1,2-Dichloropropane	<6200		ug/Kg	6200	1000
trans-1,3-Dichloropropene	<6200		ug/Kg	6200	1000
Trichloroethene	<6200		ug/Kg	6200	1000
Chlorodibromomethane	<6200		ug/Kg	6200	1000
1,1,2-Trichloroethane	<6200		ug/Kg	6200	1000
Benzene	<6200		ug/Kg	6200	1000
cis-1,3-Dichloropropene	<6200		ug/Kg	6200	1000
Bromoform	<6200		ug/Kg	6200	1000
2-Hexanone	<31000		ug/Kg	31000	1000
4-Methyl-2-pentanone (MIBK)	<31000		ug/Kg	31000	1000
Tetrachloroethene	75000		ug/Kg	6200	1000
1,2-Dichlorobenzene	52000		ug/Kg	6200	1000
Toluene	120000		ug/Kg	6200	1000
Chlorobenzene	<6200		ug/Kg	6200	1000
Ethylbenzene	13000		ug/Kg	6200	1000
Styrene	<6200		ug/Kg	6200	1000
Xylenes, Total	66000		ug/Kg	12000	1000

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

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ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-12**
Lab Sample ID: **680-63635-11**

Date Sampled: 11/30/2010 1210
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 75

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-14**
Lab Sample ID: **680-63635-12**

Date Sampled: 11/30/2010 1215
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 69

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0150	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2500		ug/Kg	2500	400
Bromomethane	<2500		ug/Kg	2500	400
Vinyl chloride	<2500		ug/Kg	2500	400
Chloroethane	<2500		ug/Kg	2500	400
Methylene Chloride	<2500		ug/Kg	2500	400
Acetone	<25000	*	ug/Kg	25000	400
Carbon disulfide	<2500		ug/Kg	2500	400
1,1-Dichloroethene	<2500		ug/Kg	2500	400
1,1-Dichloroethane	<2500		ug/Kg	2500	400
cis-1,2-Dichloroethene	<2500		ug/Kg	2500	400
trans-1,2-Dichloroethene	<2500		ug/Kg	2500	400
Chloroform	<2500		ug/Kg	2500	400
1,2-Dichloroethane	<2500		ug/Kg	2500	400
2-Butanone (MEK)	<13000		ug/Kg	13000	400
1,1,1-Trichloroethane	12000		ug/Kg	2500	400
Carbon tetrachloride	<2500		ug/Kg	2500	400
Dichlorobromomethane	<2500		ug/Kg	2500	400
1,1,2,2-Tetrachloroethane	<2500		ug/Kg	2500	400
1,2-Dichloropropane	<2500		ug/Kg	2500	400
trans-1,3-Dichloropropene	<2500		ug/Kg	2500	400
Trichloroethene	<2500		ug/Kg	2500	400
Chlorodibromomethane	<2500		ug/Kg	2500	400
1,1,2-Trichloroethane	<2500		ug/Kg	2500	400
Benzene	<2500		ug/Kg	2500	400
cis-1,3-Dichloropropene	<2500		ug/Kg	2500	400
Bromoform	<2500		ug/Kg	2500	400
2-Hexanone	<13000		ug/Kg	13000	400
4-Methyl-2-pentanone (MIBK)	<13000		ug/Kg	13000	400
Tetrachloroethene	5300		ug/Kg	2500	400
1,2-Dichlorobenzene	5000		ug/Kg	2500	400
Toluene	34000		ug/Kg	2500	400
Chlorobenzene	<2500		ug/Kg	2500	400
Ethylbenzene	<2500		ug/Kg	2500	400
Styrene	<2500		ug/Kg	2500	400
Xylenes, Total	7300		ug/Kg	5100	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-14**
Lab Sample ID: **680-63635-12**

Date Sampled: 11/30/2010 1215
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 69

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-20**
Lab Sample ID: **680-63635-13**

Date Sampled: 11/30/2010 1300
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 71

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0210	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2700		ug/Kg	2700	400
Bromomethane	<2700		ug/Kg	2700	400
Vinyl chloride	<2700		ug/Kg	2700	400
Chloroethane	<2700		ug/Kg	2700	400
Methylene Chloride	<2700		ug/Kg	2700	400
Acetone	<27000	*	ug/Kg	27000	400
Carbon disulfide	<2700		ug/Kg	2700	400
1,1-Dichloroethene	<2700		ug/Kg	2700	400
1,1-Dichloroethane	<2700		ug/Kg	2700	400
cis-1,2-Dichloroethene	<2700		ug/Kg	2700	400
trans-1,2-Dichloroethene	<2700		ug/Kg	2700	400
Chloroform	<2700		ug/Kg	2700	400
1,2-Dichloroethane	<2700		ug/Kg	2700	400
2-Butanone (MEK)	<14000		ug/Kg	14000	400
1,1,1-Trichloroethane	8400		ug/Kg	2700	400
Carbon tetrachloride	<2700		ug/Kg	2700	400
Dichlorobromomethane	<2700		ug/Kg	2700	400
1,1,2,2-Tetrachloroethane	<2700		ug/Kg	2700	400
1,2-Dichloropropane	<2700		ug/Kg	2700	400
trans-1,3-Dichloropropene	<2700		ug/Kg	2700	400
Trichloroethene	<2700		ug/Kg	2700	400
Chlorodibromomethane	<2700		ug/Kg	2700	400
1,1,2-Trichloroethane	<2700		ug/Kg	2700	400
Benzene	<2700		ug/Kg	2700	400
cis-1,3-Dichloropropene	<2700		ug/Kg	2700	400
Bromoform	<2700		ug/Kg	2700	400
2-Hexanone	<14000		ug/Kg	14000	400
4-Methyl-2-pentanone (MIBK)	<14000		ug/Kg	14000	400
Tetrachloroethene	<2700		ug/Kg	2700	400
1,2-Dichlorobenzene	<2700		ug/Kg	2700	400
Toluene	28000		ug/Kg	2700	400
Chlorobenzene	<2700		ug/Kg	2700	400
Ethylbenzene	<2700		ug/Kg	2700	400
Styrene	<2700		ug/Kg	2700	400
Xylenes, Total	<5400		ug/Kg	5400	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-20**
Lab Sample ID: **680-63635-13**

Date Sampled: 11/30/2010 1300
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 71

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-27**
Lab Sample ID: **680-63635-14**

Date Sampled: 11/30/2010 1330
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0231	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2300		ug/Kg	2300	400
Bromomethane	<2300		ug/Kg	2300	400
Vinyl chloride	<2300		ug/Kg	2300	400
Chloroethane	<2300		ug/Kg	2300	400
Methylene Chloride	<2300		ug/Kg	2300	400
Acetone	<23000	*	ug/Kg	23000	400
Carbon disulfide	<2300		ug/Kg	2300	400
1,1-Dichloroethene	<2300		ug/Kg	2300	400
1,1-Dichloroethane	<2300		ug/Kg	2300	400
cis-1,2-Dichloroethene	<2300		ug/Kg	2300	400
trans-1,2-Dichloroethene	<2300		ug/Kg	2300	400
Chloroform	<2300		ug/Kg	2300	400
1,2-Dichloroethane	<2300		ug/Kg	2300	400
2-Butanone (MEK)	<11000		ug/Kg	11000	400
1,1,1-Trichloroethane	3600		ug/Kg	2300	400
Carbon tetrachloride	<2300		ug/Kg	2300	400
Dichlorobromomethane	<2300		ug/Kg	2300	400
1,1,2,2-Tetrachloroethane	<2300		ug/Kg	2300	400
1,2-Dichloropropane	<2300		ug/Kg	2300	400
trans-1,3-Dichloropropene	<2300		ug/Kg	2300	400
Trichloroethene	<2300		ug/Kg	2300	400
Chlorodibromomethane	<2300		ug/Kg	2300	400
1,1,2-Trichloroethane	<2300		ug/Kg	2300	400
Benzene	<2300		ug/Kg	2300	400
cis-1,3-Dichloropropene	<2300		ug/Kg	2300	400
Bromoform	<2300		ug/Kg	2300	400
2-Hexanone	<11000		ug/Kg	11000	400
4-Methyl-2-pentanone (MIBK)	<11000		ug/Kg	11000	400
Tetrachloroethene	<2300		ug/Kg	2300	400
1,2-Dichlorobenzene	<2300		ug/Kg	2300	400
Toluene	25000		ug/Kg	2300	400
Chlorobenzene	<2300		ug/Kg	2300	400
Ethylbenzene	<2300		ug/Kg	2300	400
Styrene	<2300		ug/Kg	2300	400
Xylenes, Total	<4600		ug/Kg	4600	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-27**
Lab Sample ID: **680-63635-14**

Date Sampled: 11/30/2010 1330
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-40**
Lab Sample ID: **680-63635-15**

Date Sampled: 11/30/2010 1345
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0251	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2600		ug/Kg	2600	400
Bromomethane	<2600		ug/Kg	2600	400
Vinyl chloride	<2600		ug/Kg	2600	400
Chloroethane	<2600		ug/Kg	2600	400
Methylene Chloride	<2600		ug/Kg	2600	400
Acetone	<26000	*	ug/Kg	26000	400
Carbon disulfide	<2600		ug/Kg	2600	400
1,1-Dichloroethene	<2600		ug/Kg	2600	400
1,1-Dichloroethane	<2600		ug/Kg	2600	400
cis-1,2-Dichloroethene	<2600		ug/Kg	2600	400
trans-1,2-Dichloroethene	<2600		ug/Kg	2600	400
Chloroform	<2600		ug/Kg	2600	400
1,2-Dichloroethane	<2600		ug/Kg	2600	400
2-Butanone (MEK)	<13000		ug/Kg	13000	400
1,1,1-Trichloroethane	<2600		ug/Kg	2600	400
Carbon tetrachloride	<2600		ug/Kg	2600	400
Dichlorobromomethane	<2600		ug/Kg	2600	400
1,1,2,2-Tetrachloroethane	<2600		ug/Kg	2600	400
1,2-Dichloropropane	<2600		ug/Kg	2600	400
trans-1,3-Dichloropropene	<2600		ug/Kg	2600	400
Trichloroethene	<2600		ug/Kg	2600	400
Chlorodibromomethane	<2600		ug/Kg	2600	400
1,1,2-Trichloroethane	<2600		ug/Kg	2600	400
Benzene	<2600		ug/Kg	2600	400
cis-1,3-Dichloropropene	<2600		ug/Kg	2600	400
Bromoform	<2600		ug/Kg	2600	400
2-Hexanone	<13000		ug/Kg	13000	400
4-Methyl-2-pentanone (MIBK)	<13000		ug/Kg	13000	400
Tetrachloroethene	<2600		ug/Kg	2600	400
1,2-Dichlorobenzene	<2600		ug/Kg	2600	400
Toluene	28000		ug/Kg	2600	400
Chlorobenzene	<2600		ug/Kg	2600	400
Ethylbenzene	<2600		ug/Kg	2600	400
Styrene	<2600		ug/Kg	2600	400
Xylenes, Total	<5300		ug/Kg	5300	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-40**
Lab Sample ID: **680-63635-15**

Date Sampled: 11/30/2010 1345
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 70

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-50**
Lab Sample ID: **680-63635-16**

Date Sampled: 11/30/2010 1430
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 68

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0312	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<6300		ug/Kg	6300	1000
Bromomethane	<6300		ug/Kg	6300	1000
Vinyl chloride	<6300		ug/Kg	6300	1000
Chloroethane	<6300		ug/Kg	6300	1000
Methylene Chloride	<6300		ug/Kg	6300	1000
Acetone	<63000	*	ug/Kg	63000	1000
Carbon disulfide	<6300		ug/Kg	6300	1000
1,1-Dichloroethene	<6300		ug/Kg	6300	1000
1,1-Dichloroethane	<6300		ug/Kg	6300	1000
cis-1,2-Dichloroethene	<6300		ug/Kg	6300	1000
trans-1,2-Dichloroethene	<6300		ug/Kg	6300	1000
Chloroform	<6300		ug/Kg	6300	1000
1,2-Dichloroethane	<6300		ug/Kg	6300	1000
2-Butanone (MEK)	<32000		ug/Kg	32000	1000
1,1,1-Trichloroethane	<6300		ug/Kg	6300	1000
Carbon tetrachloride	<6300		ug/Kg	6300	1000
Dichlorobromomethane	<6300		ug/Kg	6300	1000
1,1,2,2-Tetrachloroethane	<6300		ug/Kg	6300	1000
1,2-Dichloropropane	<6300		ug/Kg	6300	1000
trans-1,3-Dichloropropene	<6300		ug/Kg	6300	1000
Trichloroethene	<6300		ug/Kg	6300	1000
Chlorodibromomethane	<6300		ug/Kg	6300	1000
1,1,2-Trichloroethane	<6300		ug/Kg	6300	1000
Benzene	<6300		ug/Kg	6300	1000
cis-1,3-Dichloropropene	<6300		ug/Kg	6300	1000
Bromoform	<6300		ug/Kg	6300	1000
2-Hexanone	<32000		ug/Kg	32000	1000
4-Methyl-2-pentanone (MIBK)	<32000		ug/Kg	32000	1000
Tetrachloroethene	<6300		ug/Kg	6300	1000
1,2-Dichlorobenzene	<6300		ug/Kg	6300	1000
Toluene	47000		ug/Kg	6300	1000
Chlorobenzene	<6300		ug/Kg	6300	1000
Ethylbenzene	<6300		ug/Kg	6300	1000
Styrene	<6300		ug/Kg	6300	1000
Xylenes, Total	<13000		ug/Kg	13000	1000

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-50**
Lab Sample ID: **680-63635-16**

Date Sampled: 11/30/2010 1430
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 68

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-58**
Lab Sample ID: **680-63635-17**

Date Sampled: 11/30/2010 1455
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0333	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2500		ug/Kg	2500	400
Bromomethane	<2500		ug/Kg	2500	400
Vinyl chloride	<2500		ug/Kg	2500	400
Chloroethane	<2500		ug/Kg	2500	400
Methylene Chloride	<2500		ug/Kg	2500	400
Acetone	<25000	*	ug/Kg	25000	400
Carbon disulfide	<2500		ug/Kg	2500	400
1,1-Dichloroethene	<2500		ug/Kg	2500	400
1,1-Dichloroethane	<2500		ug/Kg	2500	400
cis-1,2-Dichloroethene	<2500		ug/Kg	2500	400
trans-1,2-Dichloroethene	<2500		ug/Kg	2500	400
Chloroform	<2500		ug/Kg	2500	400
1,2-Dichloroethane	<2500		ug/Kg	2500	400
2-Butanone (MEK)	<13000		ug/Kg	13000	400
1,1,1-Trichloroethane	<2500		ug/Kg	2500	400
Carbon tetrachloride	<2500		ug/Kg	2500	400
Dichlorobromomethane	<2500		ug/Kg	2500	400
1,1,2,2-Tetrachloroethane	<2500		ug/Kg	2500	400
1,2-Dichloropropane	<2500		ug/Kg	2500	400
trans-1,3-Dichloropropene	<2500		ug/Kg	2500	400
Trichloroethene	<2500		ug/Kg	2500	400
Chlorodibromomethane	<2500		ug/Kg	2500	400
1,1,2-Trichloroethane	<2500		ug/Kg	2500	400
Benzene	<2500		ug/Kg	2500	400
cis-1,3-Dichloropropene	<2500		ug/Kg	2500	400
Bromoform	<2500		ug/Kg	2500	400
2-Hexanone	<13000		ug/Kg	13000	400
4-Methyl-2-pentanone (MIBK)	<13000		ug/Kg	13000	400
Tetrachloroethene	<2500		ug/Kg	2500	400
1,2-Dichlorobenzene	<2500		ug/Kg	2500	400
Toluene	29000		ug/Kg	2500	400
Chlorobenzene	<2500		ug/Kg	2500	400
Ethylbenzene	<2500		ug/Kg	2500	400
Styrene	<2500		ug/Kg	2500	400
Xylenes, Total	<5000		ug/Kg	5000	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-58**
Lab Sample ID: **680-63635-17**

Date Sampled: 11/30/2010 1455
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 67

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-60**
Lab Sample ID: **680-63635-18**

Date Sampled: 11/30/2010 1520
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0353	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2000		ug/Kg	2000	400
Bromomethane	<2000		ug/Kg	2000	400
Vinyl chloride	<2000		ug/Kg	2000	400
Chloroethane	<2000		ug/Kg	2000	400
Methylene Chloride	<2000		ug/Kg	2000	400
Acetone	<20000	*	ug/Kg	20000	400
Carbon disulfide	<2000		ug/Kg	2000	400
1,1-Dichloroethene	<2000		ug/Kg	2000	400
1,1-Dichloroethane	<2000		ug/Kg	2000	400
cis-1,2-Dichloroethene	<2000		ug/Kg	2000	400
trans-1,2-Dichloroethene	<2000		ug/Kg	2000	400
Chloroform	<2000		ug/Kg	2000	400
1,2-Dichloroethane	<2000		ug/Kg	2000	400
2-Butanone (MEK)	<10000		ug/Kg	10000	400
1,1,1-Trichloroethane	<2000		ug/Kg	2000	400
Carbon tetrachloride	<2000		ug/Kg	2000	400
Dichlorobromomethane	<2000		ug/Kg	2000	400
1,1,2,2-Tetrachloroethane	<2000		ug/Kg	2000	400
1,2-Dichloropropane	<2000		ug/Kg	2000	400
trans-1,3-Dichloropropene	<2000		ug/Kg	2000	400
Trichloroethene	<2000		ug/Kg	2000	400
Chlorodibromomethane	<2000		ug/Kg	2000	400
1,1,2-Trichloroethane	<2000		ug/Kg	2000	400
Benzene	<2000		ug/Kg	2000	400
cis-1,3-Dichloropropene	<2000		ug/Kg	2000	400
Bromoform	<2000		ug/Kg	2000	400
2-Hexanone	<10000		ug/Kg	10000	400
4-Methyl-2-pentanone (MIBK)	<10000		ug/Kg	10000	400
Tetrachloroethene	<2000		ug/Kg	2000	400
1,2-Dichlorobenzene	<2000		ug/Kg	2000	400
Toluene	15000		ug/Kg	2000	400
Chlorobenzene	<2000		ug/Kg	2000	400
Ethylbenzene	<2000		ug/Kg	2000	400
Styrene	<2000		ug/Kg	2000	400
Xylenes, Total	<4000		ug/Kg	4000	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-60**
Lab Sample ID: **680-63635-18**

Date Sampled: 11/30/2010 1520
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 76

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-72**
Lab Sample ID: **680-63635-19**

Date Sampled: 11/30/2010 1620
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 0414	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<200		ug/Kg	200	40
Bromomethane	<200		ug/Kg	200	40
Vinyl chloride	<200		ug/Kg	200	40
Chloroethane	<200		ug/Kg	200	40
Methylene Chloride	<200		ug/Kg	200	40
Acetone	<2000	*	ug/Kg	2000	40
Carbon disulfide	<200		ug/Kg	200	40
1,1-Dichloroethene	<200		ug/Kg	200	40
1,1-Dichloroethane	<200		ug/Kg	200	40
cis-1,2-Dichloroethene	<200		ug/Kg	200	40
trans-1,2-Dichloroethene	<200		ug/Kg	200	40
Chloroform	<200		ug/Kg	200	40
1,2-Dichloroethane	<200		ug/Kg	200	40
2-Butanone (MEK)	<990		ug/Kg	990	40
1,1,1-Trichloroethane	<200		ug/Kg	200	40
Carbon tetrachloride	<200		ug/Kg	200	40
Dichlorobromomethane	<200		ug/Kg	200	40
1,1,2,2-Tetrachloroethane	<200		ug/Kg	200	40
1,2-Dichloropropane	<200		ug/Kg	200	40
trans-1,3-Dichloropropene	<200		ug/Kg	200	40
Trichloroethene	<200		ug/Kg	200	40
Chlorodibromomethane	<200		ug/Kg	200	40
1,1,2-Trichloroethane	<200		ug/Kg	200	40
Benzene	<200		ug/Kg	200	40
cis-1,3-Dichloropropene	<200		ug/Kg	200	40
Bromoform	<200		ug/Kg	200	40
2-Hexanone	<990		ug/Kg	990	40
4-Methyl-2-pentanone (MIBK)	<990		ug/Kg	990	40
Tetrachloroethene	800		ug/Kg	200	40
1,2-Dichlorobenzene	<200		ug/Kg	200	40
Toluene	<200		ug/Kg	200	40
Chlorobenzene	<200		ug/Kg	200	40
Ethylbenzene	<200		ug/Kg	200	40
Styrene	<200		ug/Kg	200	40
Xylenes, Total	<400		ug/Kg	400	40

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	52	X	%	65 - 130
4-Bromofluorobenzene	66		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-38-72**
Lab Sample ID: **680-63635-19**

Date Sampled: 11/30/2010 1620
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	49	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-6**
Lab Sample ID: **680-63635-20**

Date Sampled: 12/01/2010 0830
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 1734	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<640		ug/Kg	640	100
Bromomethane	<640		ug/Kg	640	100
Vinyl chloride	<640		ug/Kg	640	100
Chloroethane	<640		ug/Kg	640	100
Methylene Chloride	2800		ug/Kg	640	100
Acetone	22000		ug/Kg	6400	100
Carbon disulfide	<640		ug/Kg	640	100
1,1-Dichloroethene	1100		ug/Kg	640	100
1,1-Dichloroethane	<640		ug/Kg	640	100
cis-1,2-Dichloroethene	<640		ug/Kg	640	100
trans-1,2-Dichloroethene	<640		ug/Kg	640	100
Chloroform	<640		ug/Kg	640	100
1,2-Dichloroethane	<640	*	ug/Kg	640	100
2-Butanone (MEK)	<3200		ug/Kg	3200	100
1,1,1-Trichloroethane	<640	*	ug/Kg	640	100
Carbon tetrachloride	<640		ug/Kg	640	100
Dichlorobromomethane	<640		ug/Kg	640	100
1,1,2,2-Tetrachloroethane	<640		ug/Kg	640	100
1,2-Dichloropropane	<640		ug/Kg	640	100
trans-1,3-Dichloropropene	<640		ug/Kg	640	100
Trichloroethene	<640		ug/Kg	640	100
Chlorodibromomethane	<640		ug/Kg	640	100
1,1,2-Trichloroethane	<640		ug/Kg	640	100
Benzene	<640		ug/Kg	640	100
cis-1,3-Dichloropropene	<640		ug/Kg	640	100
Bromoform	<640		ug/Kg	640	100
2-Hexanone	<3200		ug/Kg	3200	100
4-Methyl-2-pentanone (MIBK)	<3200		ug/Kg	3200	100
Tetrachloroethene	6000		ug/Kg	640	100
1,2-Dichlorobenzene	<640		ug/Kg	640	100
Toluene	15000		ug/Kg	640	100
Chlorobenzene	<640		ug/Kg	640	100
Ethylbenzene	<640		ug/Kg	640	100
Styrene	<640		ug/Kg	640	100
Xylenes, Total	2600		ug/Kg	1300	100

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	86	%	65 - 130
4-Bromofluorobenzene	103	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-6**
Lab Sample ID: **680-63635-20**

Date Sampled: 12/01/2010 0830
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Dibromofluoromethane	78	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-12**
Lab Sample ID: **680-63635-21**

Date Sampled: 12/01/2010 0845
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 69

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 1425	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<520		ug/Kg	520	100
Bromomethane	<520		ug/Kg	520	100
Vinyl chloride	<520		ug/Kg	520	100
Chloroethane	<520		ug/Kg	520	100
Methylene Chloride	<520		ug/Kg	520	100
Acetone	<5200		ug/Kg	5200	100
Carbon disulfide	<520		ug/Kg	520	100
1,1-Dichloroethene	<520		ug/Kg	520	100
1,1-Dichloroethane	<520		ug/Kg	520	100
cis-1,2-Dichloroethene	<520		ug/Kg	520	100
trans-1,2-Dichloroethene	<520		ug/Kg	520	100
Chloroform	<520		ug/Kg	520	100
1,2-Dichloroethane	<520	*	ug/Kg	520	100
2-Butanone (MEK)	<2600		ug/Kg	2600	100
1,1,1-Trichloroethane	1500	*	ug/Kg	520	100
Carbon tetrachloride	<520		ug/Kg	520	100
Dichlorobromomethane	<520		ug/Kg	520	100
1,1,2,2-Tetrachloroethane	<520		ug/Kg	520	100
1,2-Dichloropropane	<520		ug/Kg	520	100
trans-1,3-Dichloropropene	<520		ug/Kg	520	100
Trichloroethene	<520		ug/Kg	520	100
Chlorodibromomethane	<520		ug/Kg	520	100
1,1,2-Trichloroethane	<520		ug/Kg	520	100
Benzene	<520		ug/Kg	520	100
cis-1,3-Dichloropropene	<520		ug/Kg	520	100
Bromoform	<520		ug/Kg	520	100
2-Hexanone	<2600		ug/Kg	2600	100
4-Methyl-2-pentanone (MIBK)	<2600		ug/Kg	2600	100
Tetrachloroethene	7900		ug/Kg	520	100
1,2-Dichlorobenzene	5900		ug/Kg	520	100
Toluene	12000		ug/Kg	520	100
Chlorobenzene	<520		ug/Kg	520	100
Ethylbenzene	3200		ug/Kg	520	100
Styrene	<520		ug/Kg	520	100
Xylenes, Total	18000		ug/Kg	1000	100

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	30	X	%	65 - 130
4-Bromofluorobenzene	82		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-12**
Lab Sample ID: **680-63635-21**

Date Sampled: 12/01/2010 0845
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 69

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	36	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-15**
Lab Sample ID: **680-63635-22**

Date Sampled: 12/01/2010 0910
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/07/2010 1519	
Prep Method: 5035		Date Prepared:	12/03/2010 1115	
Chloromethane	<140	ug/Kg	140	40
Bromomethane	<140	ug/Kg	140	40
Vinyl chloride	<140	ug/Kg	140	40
Chloroethane	<140	ug/Kg	140	40
Methylene Chloride	<140	ug/Kg	140	40
Acetone	<1400	ug/Kg	1400	40
Carbon disulfide	<140	ug/Kg	140	40
1,1-Dichloroethene	<140	ug/Kg	140	40
1,1-Dichloroethane	<140	ug/Kg	140	40
cis-1,2-Dichloroethene	<140	ug/Kg	140	40
trans-1,2-Dichloroethene	<140	ug/Kg	140	40
Chloroform	<140	ug/Kg	140	40
1,2-Dichloroethane	<140	ug/Kg	140	40
2-Butanone (MEK)	<680	ug/Kg	680	40
1,1,1-Trichloroethane	<140	ug/Kg	140	40
Carbon tetrachloride	<140	ug/Kg	140	40
Dichlorobromomethane	<140	ug/Kg	140	40
1,1,2,2-Tetrachloroethane	<140	ug/Kg	140	40
1,2-Dichloropropane	<140	ug/Kg	140	40
trans-1,3-Dichloropropene	<140	ug/Kg	140	40
Trichloroethene	<140	ug/Kg	140	40
Chlorodibromomethane	<140	ug/Kg	140	40
1,1,2-Trichloroethane	<140	ug/Kg	140	40
Benzene	<140	ug/Kg	140	40
cis-1,3-Dichloropropene	<140	ug/Kg	140	40
Bromoform	<140	ug/Kg	140	40
2-Hexanone	<680	ug/Kg	680	40
4-Methyl-2-pentanone (MIBK)	<680	ug/Kg	680	40
Tetrachloroethene	570	ug/Kg	140	40
1,2-Dichlorobenzene	1200	ug/Kg	140	40
Toluene	1300	ug/Kg	140	40
Chlorobenzene	<140	ug/Kg	140	40
Ethylbenzene	390	ug/Kg	140	40
Styrene	<140	ug/Kg	140	40
Xylenes, Total	2300	ug/Kg	270	40

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	19	X	%	65 - 130
4-Bromofluorobenzene	63	X	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-15**
Lab Sample ID: **680-63635-22**

Date Sampled: 12/01/2010 0910
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 78

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	20	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-25**
Lab Sample ID: **680-63635-23**

Date Sampled: 12/01/2010 0945
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 1816	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<200		ug/Kg	200	40
Bromomethane	<200		ug/Kg	200	40
Vinyl chloride	<200		ug/Kg	200	40
Chloroethane	<200		ug/Kg	200	40
Methylene Chloride	<200		ug/Kg	200	40
Acetone	<2000		ug/Kg	2000	40
Carbon disulfide	<200		ug/Kg	200	40
1,1-Dichloroethene	<200		ug/Kg	200	40
1,1-Dichloroethane	<200		ug/Kg	200	40
cis-1,2-Dichloroethene	200		ug/Kg	200	40
trans-1,2-Dichloroethene	<200		ug/Kg	200	40
Chloroform	<200		ug/Kg	200	40
1,2-Dichloroethane	<200	*	ug/Kg	200	40
2-Butanone (MEK)	<990		ug/Kg	990	40
1,1,1-Trichloroethane	630	*	ug/Kg	200	40
Carbon tetrachloride	<200		ug/Kg	200	40
Dichlorobromomethane	<200		ug/Kg	200	40
1,1,2,2-Tetrachloroethane	<200		ug/Kg	200	40
1,2-Dichloropropane	<200		ug/Kg	200	40
trans-1,3-Dichloropropene	<200		ug/Kg	200	40
Trichloroethene	<200		ug/Kg	200	40
Chlorodibromomethane	<200		ug/Kg	200	40
1,1,2-Trichloroethane	<200		ug/Kg	200	40
Benzene	<200		ug/Kg	200	40
cis-1,3-Dichloropropene	<200		ug/Kg	200	40
Bromoform	<200		ug/Kg	200	40
2-Hexanone	<990		ug/Kg	990	40
4-Methyl-2-pentanone (MIBK)	<990		ug/Kg	990	40
Tetrachloroethene	1000		ug/Kg	200	40
1,2-Dichlorobenzene	400		ug/Kg	200	40
Toluene	6100		ug/Kg	200	40
Chlorobenzene	<200		ug/Kg	200	40
Ethylbenzene	350		ug/Kg	200	40
Styrene	<200		ug/Kg	200	40
Xylenes, Total	2000		ug/Kg	400	40

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	30	X	%	65 - 130
4-Bromofluorobenzene	68		%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-25**
Lab Sample ID: **680-63635-23**

Date Sampled: 12/01/2010 0945
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	30	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-39**
Lab Sample ID: **680-63635-24**

Date Sampled: 12/01/2010 1030
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 71

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 1707	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2600		ug/Kg	2600	400
Bromomethane	<2600		ug/Kg	2600	400
Vinyl chloride	<2600		ug/Kg	2600	400
Chloroethane	<2600		ug/Kg	2600	400
Methylene Chloride	<2600		ug/Kg	2600	400
Acetone	<26000		ug/Kg	26000	400
Carbon disulfide	<2600		ug/Kg	2600	400
1,1-Dichloroethene	<2600		ug/Kg	2600	400
1,1-Dichloroethane	<2600		ug/Kg	2600	400
cis-1,2-Dichloroethene	<2600		ug/Kg	2600	400
trans-1,2-Dichloroethene	<2600		ug/Kg	2600	400
Chloroform	<2600		ug/Kg	2600	400
1,2-Dichloroethane	<2600	*	ug/Kg	2600	400
2-Butanone (MEK)	<13000		ug/Kg	13000	400
1,1,1-Trichloroethane	5200		ug/Kg	2600	400
Carbon tetrachloride	<2600		ug/Kg	2600	400
Dichlorobromomethane	<2600		ug/Kg	2600	400
1,1,2,2-Tetrachloroethane	<2600		ug/Kg	2600	400
1,2-Dichloropropane	<2600		ug/Kg	2600	400
trans-1,3-Dichloropropene	<2600		ug/Kg	2600	400
Trichloroethene	<2600		ug/Kg	2600	400
Chlorodibromomethane	<2600		ug/Kg	2600	400
1,1,2-Trichloroethane	<2600		ug/Kg	2600	400
Benzene	<2600		ug/Kg	2600	400
cis-1,3-Dichloropropene	<2600		ug/Kg	2600	400
Bromoform	<2600		ug/Kg	2600	400
2-Hexanone	<13000		ug/Kg	13000	400
4-Methyl-2-pentanone (MIBK)	<13000		ug/Kg	13000	400
Tetrachloroethene	5200		ug/Kg	2600	400
1,2-Dichlorobenzene	<2600		ug/Kg	2600	400
Toluene	23000		ug/Kg	2600	400
Chlorobenzene	<2600		ug/Kg	2600	400
Ethylbenzene	<2600		ug/Kg	2600	400
Styrene	<2600		ug/Kg	2600	400
Xylenes, Total	5800		ug/Kg	5100	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-39**
Lab Sample ID: **680-63635-24**

Date Sampled: 12/01/2010 1030
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 71

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-46**
Lab Sample ID: **680-63635-25**

Date Sampled: 12/01/2010 1100
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/07/2010 1728	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2200		ug/Kg	2200	400
Bromomethane	<2200		ug/Kg	2200	400
Vinyl chloride	<2200		ug/Kg	2200	400
Chloroethane	<2200		ug/Kg	2200	400
Methylene Chloride	<2200		ug/Kg	2200	400
Acetone	<22000		ug/Kg	22000	400
Carbon disulfide	<2200		ug/Kg	2200	400
1,1-Dichloroethene	2800		ug/Kg	2200	400
1,1-Dichloroethane	<2200		ug/Kg	2200	400
cis-1,2-Dichloroethene	<2200		ug/Kg	2200	400
trans-1,2-Dichloroethene	<2200		ug/Kg	2200	400
Chloroform	<2200		ug/Kg	2200	400
1,2-Dichloroethane	<2200	*	ug/Kg	2200	400
2-Butanone (MEK)	<11000		ug/Kg	11000	400
1,1,1-Trichloroethane	4600		ug/Kg	2200	400
Carbon tetrachloride	<2200		ug/Kg	2200	400
Dichlorobromomethane	<2200		ug/Kg	2200	400
1,1,2,2-Tetrachloroethane	<2200		ug/Kg	2200	400
1,2-Dichloropropane	<2200		ug/Kg	2200	400
trans-1,3-Dichloropropene	<2200		ug/Kg	2200	400
Trichloroethene	<2200		ug/Kg	2200	400
Chlorodibromomethane	<2200		ug/Kg	2200	400
1,1,2-Trichloroethane	<2200		ug/Kg	2200	400
Benzene	<2200		ug/Kg	2200	400
cis-1,3-Dichloropropene	<2200		ug/Kg	2200	400
Bromoform	<2200		ug/Kg	2200	400
2-Hexanone	<11000		ug/Kg	11000	400
4-Methyl-2-pentanone (MIBK)	<11000		ug/Kg	11000	400
Tetrachloroethene	<2200		ug/Kg	2200	400
1,2-Dichlorobenzene	<2200		ug/Kg	2200	400
Toluene	30000		ug/Kg	2200	400
Chlorobenzene	<2200		ug/Kg	2200	400
Ethylbenzene	<2200		ug/Kg	2200	400
Styrene	<2200		ug/Kg	2200	400
Xylenes, Total	4700		ug/Kg	4500	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-46**
Lab Sample ID: **680-63635-25**

Date Sampled: 12/01/2010 1100
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 77

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-50**
Lab Sample ID: **680-63635-26**

Date Sampled: 12/01/2010 1120
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 1549	
Prep Method: 5035			Date Prepared:	12/03/2010 1115	
Chloromethane	<2400		ug/Kg	2400	400
Bromomethane	<2400		ug/Kg	2400	400
Vinyl chloride	<2400		ug/Kg	2400	400
Chloroethane	<2400		ug/Kg	2400	400
Methylene Chloride	6400		ug/Kg	2400	400
Acetone	<24000		ug/Kg	24000	400
Carbon disulfide	<2400		ug/Kg	2400	400
1,1-Dichloroethene	<2400		ug/Kg	2400	400
1,1-Dichloroethane	<2400		ug/Kg	2400	400
cis-1,2-Dichloroethene	<2400		ug/Kg	2400	400
trans-1,2-Dichloroethene	<2400		ug/Kg	2400	400
Chloroform	<2400		ug/Kg	2400	400
1,2-Dichloroethane	<2400	*	ug/Kg	2400	400
2-Butanone (MEK)	<12000		ug/Kg	12000	400
1,1,1-Trichloroethane	3100	*	ug/Kg	2400	400
Carbon tetrachloride	<2400		ug/Kg	2400	400
Dichlorobromomethane	<2400		ug/Kg	2400	400
1,1,2,2-Tetrachloroethane	<2400		ug/Kg	2400	400
1,2-Dichloropropane	<2400		ug/Kg	2400	400
trans-1,3-Dichloropropene	<2400		ug/Kg	2400	400
Trichloroethene	<2400		ug/Kg	2400	400
Chlorodibromomethane	<2400		ug/Kg	2400	400
1,1,2-Trichloroethane	<2400		ug/Kg	2400	400
Benzene	<2400		ug/Kg	2400	400
cis-1,3-Dichloropropene	<2400		ug/Kg	2400	400
Bromoform	<2400		ug/Kg	2400	400
2-Hexanone	<12000		ug/Kg	12000	400
4-Methyl-2-pentanone (MIBK)	<12000		ug/Kg	12000	400
Tetrachloroethene	<2400		ug/Kg	2400	400
1,2-Dichlorobenzene	<2400		ug/Kg	2400	400
Toluene	39000		ug/Kg	2400	400
Chlorobenzene	<2400		ug/Kg	2400	400
Ethylbenzene	<2400		ug/Kg	2400	400
Styrene	<2400		ug/Kg	2400	400
Xylenes, Total	4900		ug/Kg	4700	400

Surrogate				Acceptance Limits
Toluene-d8 (Surr)	0	D	%	65 - 130
4-Bromofluorobenzene	0	D	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
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Job Number: 680-63635-1

Client Sample ID: **SB-28-50**
Lab Sample ID: **680-63635-26**

Date Sampled: 12/01/2010 1120
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 72

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	0	D	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-59**
Lab Sample ID: **680-63635-27**

Date Sampled: 12/01/2010 1200
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 74

Analyte	Result/Qualifier		Unit	RL	Dilution
Method: 8260B			Date Analyzed:	12/08/2010 1610	
Prep Method: 5030A			Date Prepared:	12/08/2010 1610	
Chloromethane	<280		ug/Kg	280	40
Bromomethane	<280		ug/Kg	280	40
Vinyl chloride	<280		ug/Kg	280	40
Chloroethane	<280		ug/Kg	280	40
Methylene Chloride	<280		ug/Kg	280	40
Acetone	22000		ug/Kg	2800	40
Carbon disulfide	<280		ug/Kg	280	40
1,1-Dichloroethene	<280		ug/Kg	280	40
1,1-Dichloroethane	<280		ug/Kg	280	40
cis-1,2-Dichloroethene	<280		ug/Kg	280	40
trans-1,2-Dichloroethene	<280		ug/Kg	280	40
Chloroform	<280		ug/Kg	280	40
1,2-Dichloroethane	<280	*	ug/Kg	280	40
2-Butanone (MEK)	7300		ug/Kg	1400	40
1,1,1-Trichloroethane	<280	*	ug/Kg	280	40
Carbon tetrachloride	<280		ug/Kg	280	40
Dichlorobromomethane	<280		ug/Kg	280	40
1,1,2,2-Tetrachloroethane	<280		ug/Kg	280	40
1,2-Dichloropropane	<280		ug/Kg	280	40
trans-1,3-Dichloropropene	<280		ug/Kg	280	40
Trichloroethene	<280		ug/Kg	280	40
Chlorodibromomethane	<280		ug/Kg	280	40
1,1,2-Trichloroethane	<280		ug/Kg	280	40
Benzene	<280		ug/Kg	280	40
cis-1,3-Dichloropropene	<280		ug/Kg	280	40
Bromoform	<280		ug/Kg	280	40
2-Hexanone	<1400		ug/Kg	1400	40
4-Methyl-2-pentanone (MIBK)	<1400		ug/Kg	1400	40
Tetrachloroethene	<280		ug/Kg	280	40
1,2-Dichlorobenzene	<280		ug/Kg	280	40
Toluene	<280		ug/Kg	280	40
Chlorobenzene	<280		ug/Kg	280	40
Ethylbenzene	<280		ug/Kg	280	40
Styrene	<280		ug/Kg	280	40
Xylenes, Total	<550		ug/Kg	550	40

Surrogate			Acceptance Limits
Toluene-d8 (Surr)	71	%	65 - 130
4-Bromofluorobenzene	70	%	65 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-59**
Lab Sample ID: **680-63635-27**

Date Sampled: 12/01/2010 1200
Date Received: 12/02/2010 0931
Client Matrix: Solid
Percent Solids: 74

Analyte	Result/Qualifier		Unit	RL	Dilution
Surrogate				Acceptance Limits	
Dibromofluoromethane	59	X	%	65 - 130	

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-64GW**
Lab Sample ID: **680-63635-28**

Date Sampled: 12/01/2010 1240
Date Received: 12/02/2010 0931
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Method: 8260B		Date Analyzed:	12/07/2010 1541	
Prep Method: 5030B		Date Prepared:	12/07/2010 1541	
1,1,1-Trichloroethane	<500	ug/L	500	500
1,1,2,2-Tetrachloroethane	<500	ug/L	500	500
1,1,2-Trichloroethane	<500	ug/L	500	500
1,1-Dichloroethane	690	ug/L	500	500
1,1-Dichloroethene	3600	ug/L	500	500
1,2-Dichlorobenzene	<500	ug/L	500	500
1,2-Dichloroethane	<500	ug/L	500	500
1,2-Dichloropropane	<500	ug/L	500	500
2-Butanone (MEK)	27000	ug/L	5000	500
2-Hexanone	<5000	ug/L	5000	500
4-Methyl-2-pentanone (MIBK)	<5000	ug/L	5000	500
Acetone	80000	ug/L	12000	500
Benzene	2700	ug/L	500	500
Bromoform	<500	ug/L	500	500
Bromomethane	<500	ug/L	500	500
Carbon disulfide	<1000	ug/L	1000	500
Carbon tetrachloride	<500	ug/L	500	500
Chlorobenzene	<500	ug/L	500	500
Chlorodibromomethane	<500	ug/L	500	500
Chloroethane	<500	ug/L	500	500
Chloroform	<500	ug/L	500	500
Chloromethane	<500	ug/L	500	500
cis-1,2-Dichloroethene	<500	ug/L	500	500
cis-1,3-Dichloropropene	<500	ug/L	500	500
Dichlorobromomethane	<500	ug/L	500	500
Ethylbenzene	<500	ug/L	500	500
Methylene Chloride	21000	ug/L	2500	500
Styrene	<500	ug/L	500	500
Tetrachloroethene	<500	ug/L	500	500
Toluene	53000	ug/L	500	500
trans-1,2-Dichloroethene	<500	ug/L	500	500
trans-1,3-Dichloropropene	<500	ug/L	500	500
Trichloroethene	<500	ug/L	500	500
Vinyl chloride	<500	ug/L	500	500
Xylenes, Total	1600	ug/L	1000	500

Surrogate			Acceptance Limits
4-Bromofluorobenzene	87	%	70 - 130
Dibromofluoromethane	86	%	70 - 130

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63635-1

Client Sample ID: **SB-28-64GW**
Lab Sample ID: **680-63635-28**

Date Sampled: 12/01/2010 1240
Date Received: 12/02/2010 0931
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	Dilution
Surrogate			Acceptance Limits	
Toluene-d8 (Surr)	91	%	70 - 130	

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc. Job Number: 680-63635-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

QUALITY CONTROL RESULTS

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 680-187827					
680-63635-1	SB-37-5	T	Solid	5035	
680-63635-2	SB-37-10	T	Solid	5035	
680-63635-3	SB-37-15	T	Solid	5035	
680-63635-4	SB-37-24	T	Solid	5035	
680-63635-5	SB-37-31	T	Solid	5035	
680-63635-6	SB-37-40	T	Solid	5035	
680-63635-7	SB-37-52	T	Solid	5035	
680-63635-8	SB-37-58.5	T	Solid	5035	
680-63635-9	SB-38-6	T	Solid	5035	
680-63635-10	SB-38-10	T	Solid	5035	
680-63635-11	SB-38-12	T	Solid	5035	
680-63635-12	SB-38-14	T	Solid	5035	
680-63635-13	SB-38-20	T	Solid	5035	
680-63635-14	SB-38-27	T	Solid	5035	
680-63635-15	SB-38-40	T	Solid	5035	
680-63635-16	SB-38-50	T	Solid	5035	
680-63635-17	SB-38-58	T	Solid	5035	
680-63635-18	SB-38-60	T	Solid	5035	
680-63635-19	SB-38-72	T	Solid	5035	
680-63635-20	SB-28-6	T	Solid	5035	
680-63635-21	SB-28-12	T	Solid	5035	
680-63635-22	SB-28-15	T	Solid	5035	
680-63635-23	SB-28-25	T	Solid	5035	
680-63635-24	SB-28-39	T	Solid	5035	
680-63635-25	SB-28-46	T	Solid	5035	
680-63635-26	SB-28-50	T	Solid	5035	

Client: ARCADIS U.S., Inc. Job Number: 680-63635-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-188157					
LCS 680-188157/12	Lab Control Sample	T	Solid	8260B	
LCSD 680-188157/13	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188157/14	Method Blank	T	Solid	8260B	
680-63635-1	SB-37-5	T	Solid	8260B	680-187827
680-63635-2	SB-37-10	T	Solid	8260B	680-187827
680-63635-3	SB-37-15	T	Solid	8260B	680-187827
680-63635-5	SB-37-31	T	Solid	8260B	680-187827
680-63635-7	SB-37-52	T	Solid	8260B	680-187827
680-63635-8	SB-37-58.5	T	Solid	8260B	680-187827
680-63635-9	SB-38-6	T	Solid	8260B	680-187827
680-63635-10	SB-38-10	T	Solid	8260B	680-187827
680-63635-11	SB-38-12	T	Solid	8260B	680-187827
680-63635-12	SB-38-14	T	Solid	8260B	680-187827
680-63635-13	SB-38-20	T	Solid	8260B	680-187827
680-63635-14	SB-38-27	T	Solid	8260B	680-187827
680-63635-15	SB-38-40	T	Solid	8260B	680-187827
680-63635-16	SB-38-50	T	Solid	8260B	680-187827
680-63635-17	SB-38-58	T	Solid	8260B	680-187827
680-63635-18	SB-38-60	T	Solid	8260B	680-187827
680-63635-19	SB-38-72	T	Solid	8260B	680-187827
Analysis Batch:680-188190					
LCS 680-188190/6	Lab Control Sample	T	Solid	8260B	
LCSD 680-188190/13	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188190/8	Method Blank	T	Solid	8260B	
680-63635-24	SB-28-39	T	Solid	8260B	680-187827
680-63635-25	SB-28-46	T	Solid	8260B	680-187827
Analysis Batch:680-188202					
LCS 680-188202/7	Lab Control Sample	T	Water	8260B	
LCSD 680-188202/8	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-188202/11	Method Blank	T	Water	8260B	
680-63635-28	SB-28-64GW	T	Water	8260B	
Analysis Batch:680-188210					
LCS 680-188210/4	Lab Control Sample	T	Solid	8260B	
LCSD 680-188210/6	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188210/8	Method Blank	T	Solid	8260B	
680-63635-22	SB-28-15	T	Solid	8260B	680-187827

Client: ARCADIS U.S., Inc. Job Number: 680-63635-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-188315					
LCS 680-188315/5	Lab Control Sample	T	Solid	8260B	
LCSD 680-188315/6	Lab Control Sample Duplicate	T	Solid	8260B	
MB 680-188315/8	Method Blank	T	Solid	8260B	
680-63635-4	SB-37-24	T	Solid	8260B	680-187827
680-63635-6	SB-37-40	T	Solid	8260B	680-187827
680-63635-20	SB-28-6	T	Solid	8260B	680-187827
680-63635-21	SB-28-12	T	Solid	8260B	680-187827
680-63635-23	SB-28-25	T	Solid	8260B	680-187827
680-63635-26	SB-28-50	T	Solid	8260B	680-187827
680-63635-27	SB-28-59	T	Solid	8260B	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 680-188182					
LCS 680-188182/13-A	Lab Control Sample	T	Solid	3546	
MB 680-188182/12-A	Method Blank	T	Solid	3546	
680-63635-2	SB-37-10	T	Solid	3546	
Analysis Batch:680-188696					
MB 680-188182/12-A	Method Blank	T	Solid	8270D	680-188182
Analysis Batch:680-188697					
LCS 680-188182/13-A	Lab Control Sample	T	Solid	8270D	680-188182
680-63635-2	SB-37-10	T	Solid	8270D	680-188182

Report Basis
T = Total

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	BFB %Rec	DBFM %Rec
680-63635-1	SB-37-5	67	75	67
680-63635-2	SB-37-10	0D	0D	0D
680-63635-3	SB-37-15	0D	0D	0D
680-63635-4	SB-37-24	60X	68	64X
680-63635-5	SB-37-31	58X	65	64X
680-63635-6	SB-37-40	68	105	78
680-63635-7	SB-37-52	0D	0D	0D
680-63635-8	SB-37-58.5	0D	0D	0D
680-63635-9	SB-38-6	84	90	87
680-63635-10	SB-38-10	0D	0D	0D
680-63635-11	SB-38-12	0D	0D	0D
680-63635-12	SB-38-14	0D	0D	0D
680-63635-13	SB-38-20	0D	0D	0D
680-63635-14	SB-38-27	0D	0D	0D
680-63635-15	SB-38-40	0D	0D	0D
680-63635-16	SB-38-50	0D	0D	0D
680-63635-17	SB-38-58	0D	0D	0D
680-63635-18	SB-38-60	0D	0D	0D
680-63635-19	SB-38-72	52X	66	49X
680-63635-20	SB-28-6	86	103	78
680-63635-21	SB-28-12	30X	82	36X
680-63635-22	SB-28-15	19X	63X	20X
680-63635-23	SB-28-25	30X	68	30X
680-63635-24	SB-28-39	0D	0D	0D
680-63635-25	SB-28-46	0D	0D	0D
680-63635-26	SB-28-50	0D	0D	0D
680-63635-27	SB-28-59	71	70	59X
MB 680-188157/14		94	87	95
MB 680-188190/8		92	107	99

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	65-130
BFB = 4-Bromofluorobenzene	65-130
DBFM = Dibromofluoromethane	65-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TOL %Rec	BFB %Rec	DBFM %Rec
MB 680-188210/8		90	92	90
MB 680-188315/8		96	102	93
LCS 680-188157/12		101	101	102
LCS 680-188190/6		96	120	98
LCS 680-188210/4		98	97	93
LCS 680-188315/5		107	116	93
LCSD 680-188157/13		99	95	100
LCSD 680-188190/13		99	113	90
LCSD 680-188210/6		91	98	92
LCSD 680-188315/6		93	99	86

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	65-130
BFB = 4-Bromofluorobenzene	65-130
DBFM = Dibromofluoromethane	65-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-63635-28	SB-28-64GW	87	86	91

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130
TOL = Toluene-d8 (Surr)	70-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TOL %Rec	BFB %Rec	DBFM %Rec
MB 680-188202/11		91	87	88
LCS 680-188202/7		92	83	95
LCSD 680-188202/8		95	86	97

Surrogate	Acceptance Limits
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane	70-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
680-63635-2	SB-37-10	64	66	68	67	72	74
MB 680-188182/12-A		76	75	74	79	84	79
LCS 680-188182/13-A		76	73	70	77	82	85

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	58-130
2FP = 2-Fluorophenol	40-130
NBZ = Nitrobenzene-d5	46-130
PHL = Phenol-d5	49-130
TPH = Terphenyl-d14	60-130
TBP = 2,4,6-Tribromophenol	58-130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Method Blank - Batch: 680-188157

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 680-188157/14	Analysis Batch:	680-188157	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	mq213.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 2033			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
Acetone	<2000		2000
2-Butanone (MEK)	<1000		1000
1,1,1-Trichloroethane	<200		200
Bromomethane	<200		200
Carbon disulfide	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Carbon tetrachloride	<200		200
1,2-Dichloropropane	<200		200
Chloroethane	<200		200
Chlorodibromomethane	<200		200
Chloroform	<200		200
1,1,2-Trichloroethane	<200		200
Chloromethane	<200		200
Benzene	<200		200
cis-1,2-Dichloroethene	<200		200
cis-1,3-Dichloropropene	<200		200
Bromoform	<200		200
2-Hexanone	<1000		1000
Dichlorobromomethane	<200		200
4-Methyl-2-pentanone (MIBK)	<1000		1000
Methylene Chloride	<200		200
1,2-Dichlorobenzene	<200		200
Tetrachloroethene	<200		200
Chlorobenzene	<200		200
Toluene	<200		200
Ethylbenzene	<200		200
Styrene	<200		200
trans-1,2-Dichloroethene	<200		200
trans-1,3-Dichloropropene	<200		200
Trichloroethene	<200		200
Vinyl chloride	<200		200
Xylenes, Total	<400		400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	65 - 130
4-Bromofluorobenzene	87	65 - 130
Dibromofluoromethane	95	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188157

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188157/12
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/06/2010 1911
Date Prepared: N/A

Analysis Batch: 680-188157
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq209.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188157/13
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/06/2010 1932
Date Prepared: N/A

Analysis Batch: 680-188157
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq210.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	115	113	69 - 130	2	50		
1,1-Dichloroethane	102	101	70 - 130	1	50		
1,2-Dichloroethane	106	104	66 - 130	2	50		
Acetone	164	172	42 - 130	5	50	*	*
2-Butanone (MEK)	117	125	70 - 130	7	50		
1,1,1-Trichloroethane	103	101	69 - 130	1	50		
Bromomethane	93	89	44 - 130	4	50		
Carbon disulfide	104	101	40 - 136	4	50		
1,1,2,2-Tetrachloroethane	97	94	70 - 130	3	50		
Carbon tetrachloride	107	104	68 - 130	3	50		
1,2-Dichloropropane	102	99	70 - 130	3	50		
Chloroethane	105	101	36 - 150	4	50		
Chlorodibromomethane	110	104	70 - 130	6	50		
Chloroform	108	109	70 - 130	1	50		
1,1,2-Trichloroethane	104	102	70 - 130	2	50		
Chloromethane	101	100	62 - 135	1	50		
Benzene	100	99	70 - 130	0	50		
cis-1,2-Dichloroethene	101	100	70 - 130	1	50		
cis-1,3-Dichloropropene	101	99	70 - 130	2	50		
Bromoform	109	108	70 - 130	1	50		
2-Hexanone	107	106	65 - 130	1	50		
Dichlorobromomethane	109	105	70 - 130	4	50		
4-Methyl-2-pentanone (MIBK)	97	98	64 - 130	1	50		
Methylene Chloride	102	103	52 - 135	0	50		
1,2-Dichlorobenzene	98	95	70 - 130	4	50		
Tetrachloroethene	99	94	70 - 130	5	50		
Chlorobenzene	101	96	70 - 130	5	50		
Toluene	98	97	70 - 130	1	50		
Ethylbenzene	102	98	70 - 130	4	50		
Styrene	100	94	70 - 130	6	50		
trans-1,2-Dichloroethene	103	104	70 - 130	1	50		
trans-1,3-Dichloropropene	101	97	69 - 130	4	50		
Trichloroethene	108	107	70 - 130	1	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188157

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188157/12	Analysis Batch:	680-188157	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq209.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1911			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188157/13	Analysis Batch:	680-188157	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq210.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/06/2010 1932			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	94	92	65 - 135	2	50		
Xylenes, Total	101	96	70 - 130	5	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	101	99	65 - 130
4-Bromofluorobenzene	101	95	65 - 130
Dibromofluoromethane	102	100	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Method Blank - Batch: 680-188190

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-188190/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/07/2010 1002
Date Prepared: N/A

Analysis Batch: 680-188190
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq045.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
Acetone	<2000		2000
2-Butanone (MEK)	<1000		1000
1,1,1-Trichloroethane	<200		200
Bromomethane	<200		200
Carbon disulfide	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Carbon tetrachloride	<200		200
1,2-Dichloropropane	<200		200
Chloroethane	<200		200
Chlorodibromomethane	<200		200
Chloroform	<200		200
1,1,2-Trichloroethane	<200		200
Chloromethane	<200		200
Benzene	<200		200
cis-1,2-Dichloroethene	<200		200
cis-1,3-Dichloropropene	<200		200
Bromoform	<200		200
2-Hexanone	<1000		1000
Dichlorobromomethane	<200		200
4-Methyl-2-pentanone (MIBK)	<1000		1000
Methylene Chloride	<200		200
1,2-Dichlorobenzene	<200		200
Tetrachloroethene	<200		200
Chlorobenzene	<200		200
Toluene	<200		200
Ethylbenzene	<200		200
Styrene	<200		200
trans-1,2-Dichloroethene	<200		200
trans-1,3-Dichloropropene	<200		200
Trichloroethene	<200		200
Vinyl chloride	<200		200
Xylenes, Total	<400		400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	92	65 - 130
4-Bromofluorobenzene	107	65 - 130
Dibromofluoromethane	99	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188190

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188190/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/07/2010 0920
Date Prepared: N/A

Analysis Batch: 680-188190
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq043.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188190/13
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/07/2010 1522
Date Prepared: N/A

Analysis Batch: 680-188190
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq047.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	121	107	69 - 130	11	50		
1,1-Dichloroethane	111	95	70 - 130	16	50		
1,2-Dichloroethane	128	137	66 - 130	7	50		*
Acetone	105	96	42 - 130	9	50		
2-Butanone (MEK)	84	74	70 - 130	12	50		
1,1,1-Trichloroethane	124	128	69 - 130	3	50		
Bromomethane	91	76	44 - 130	18	50		
Carbon disulfide	117	99	40 - 136	16	50		
1,1,2,2-Tetrachloroethane	115	98	70 - 130	16	50		
Carbon tetrachloride	123	125	68 - 130	2	50		
1,2-Dichloropropane	105	109	70 - 130	4	50		
Chloroethane	116	95	36 - 150	19	50		
Chlorodibromomethane	117	113	70 - 130	3	50		
Chloroform	99	90	70 - 130	11	50		
1,1,2-Trichloroethane	106	107	70 - 130	2	50		
Chloromethane	116	97	62 - 135	18	50		
Benzene	104	106	70 - 130	2	50		
cis-1,2-Dichloroethene	96	84	70 - 130	14	50		
cis-1,3-Dichloropropene	112	117	70 - 130	4	50		
Bromoform	104	101	70 - 130	3	50		
2-Hexanone	98	96	65 - 130	1	50		
Dichlorobromomethane	120	120	70 - 130	1	50		
4-Methyl-2-pentanone (MIBK)	98	97	64 - 130	1	50		
Methylene Chloride	131	111	52 - 135	16	50		
1,2-Dichlorobenzene	117	107	70 - 130	9	50		
Tetrachloroethene	92	90	70 - 130	3	50		
Chlorobenzene	101	102	70 - 130	1	50		
Toluene	99	99	70 - 130	1	50		
Ethylbenzene	97	101	70 - 130	4	50		
Styrene	120	109	70 - 130	10	50		
trans-1,2-Dichloroethene	128	105	70 - 130	20	50		
trans-1,3-Dichloropropene	107	110	69 - 130	3	50		
Trichloroethene	97	100	70 - 130	3	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188190

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188190/6	Analysis Batch:	680-188190	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq043.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/07/2010 0920			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188190/13	Analysis Batch:	680-188190	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq047.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/07/2010 1522			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	116	95	65 - 135	20	50		
Xylenes, Total	98	104	70 - 130	6	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	96	99	65 - 130
4-Bromofluorobenzene	120	113	65 - 130
Dibromofluoromethane	98	90	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Method Blank - Batch: 680-188202

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 680-188202/11	Analysis Batch:	680-188202	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq103.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/07/2010 1248			Final Weight/Volume:	5 mL
Date Prepared:	12/07/2010 1248				

Analyte	Result	Qual	RL
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
Acetone	<25		25
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Bromomethane	<1.0		1.0
Carbon disulfide	<2.0		2.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
Chloroethane	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
Chloroform	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Chloromethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
Dichlorobromomethane	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Methylene Chloride	<5.0		5.0
1,2-Dichlorobenzene	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Toluene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	91	70 - 130
4-Bromofluorobenzene	87	70 - 130
Dibromofluoromethane	88	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188202

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-188202/7	Analysis Batch:	680-188202	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	pq093.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/07/2010 1027			Final Weight/Volume:	5 mL
Date Prepared:	12/07/2010 1027				

LCSD Lab Sample ID:	LCSD 680-188202/8	Analysis Batch:	680-188202	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	pq095.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/07/2010 1056			Final Weight/Volume:	5 mL
Date Prepared:	12/07/2010 1056				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	101	102	66 - 131	1	30		
1,1-Dichloroethane	102	105	70 - 130	2	30		
1,2-Dichloroethane	88	91	70 - 130	3	30		
Acetone	99	108	26 - 180	9	50		
2-Butanone (MEK)	84	88	49 - 172	5	30		
1,1,1-Trichloroethane	94	96	70 - 130	3	30		
Bromomethane	109	118	23 - 165	8	50		
Carbon disulfide	101	103	54 - 132	2	30		
1,1,2,2-Tetrachloroethane	77	82	70 - 130	6	30		
Carbon tetrachloride	89	95	70 - 130	6	30		
1,2-Dichloropropane	92	96	70 - 130	5	30		
Chloroethane	100	105	56 - 152	5	40		
Chlorodibromomethane	75	80	70 - 130	6	50		
Chloroform	97	101	70 - 130	4	30		
1,1,2-Trichloroethane	87	92	70 - 130	6	30		
Chloromethane	101	105	70 - 130	4	30		
Benzene	93	97	70 - 130	5	30		
cis-1,2-Dichloroethene	95	99	70 - 130	4	30		
cis-1,3-Dichloropropene	88	91	70 - 130	3	30		
Bromoform	70	76	70 - 130	8	30		
2-Hexanone	73	77	42 - 185	6	30		
Dichlorobromomethane	85	90	70 - 130	6	30		
4-Methyl-2-pentanone (MIBK)	79	84	70 - 130	6	30		
Methylene Chloride	99	104	67 - 130	4	30		
1,2-Dichlorobenzene	82	87	70 - 130	6	30		
Tetrachloroethene	87	89	70 - 130	3	30		
Chlorobenzene	84	88	70 - 130	4	30		
Toluene	93	97	70 - 130	4	30		
Ethylbenzene	86	90	70 - 130	5	30		
Styrene	85	88	70 - 130	3	30		
trans-1,2-Dichloroethene	98	103	70 - 130	5	30		
trans-1,3-Dichloropropene	85	88	70 - 130	4	50		
Trichloroethene	91	96	70 - 130	5	30		

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188202

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 680-188202/7	Analysis Batch:	680-188202	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	pq093.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/07/2010 1027			Final Weight/Volume:	5 mL
Date Prepared:	12/07/2010 1027				

LCSD Lab Sample ID:	LCSD 680-188202/8	Analysis Batch:	680-188202	Instrument ID:	MSP
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	pq095.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	12/07/2010 1056			Final Weight/Volume:	5 mL
Date Prepared:	12/07/2010 1056				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	104	108	67 - 134	4	30		
Xylenes, Total	86	90	70 - 130	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	95	70 - 130
4-Bromofluorobenzene	83	86	70 - 130
Dibromofluoromethane	95	97	70 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Method Blank - Batch: 680-188210

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-188210/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/07/2010 1212
Date Prepared: N/A

Analysis Batch: 680-188210
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq222.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
Acetone	<2000		2000
2-Butanone (MEK)	<1000		1000
1,1,1-Trichloroethane	<200		200
Bromomethane	<200		200
Carbon disulfide	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Carbon tetrachloride	<200		200
1,2-Dichloropropane	<200		200
Chloroethane	<200		200
Chlorodibromomethane	<200		200
Chloroform	<200		200
1,1,2-Trichloroethane	<200		200
Chloromethane	<200		200
Benzene	<200		200
cis-1,2-Dichloroethene	<200		200
cis-1,3-Dichloropropene	<200		200
Bromoform	<200		200
2-Hexanone	<1000		1000
Dichlorobromomethane	<200		200
4-Methyl-2-pentanone (MIBK)	<1000		1000
Methylene Chloride	<200		200
1,2-Dichlorobenzene	<200		200
Tetrachloroethene	<200		200
Chlorobenzene	<200		200
Toluene	<200		200
Ethylbenzene	<200		200
Styrene	<200		200
trans-1,2-Dichloroethene	<200		200
trans-1,3-Dichloropropene	<200		200
Trichloroethene	<200		200
Vinyl chloride	<200		200
Xylenes, Total	<400		400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	90	65 - 130
4-Bromofluorobenzene	92	65 - 130
Dibromofluoromethane	90	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188210

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188210/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/07/2010 1049
Date Prepared: N/A

Analysis Batch: 680-188210
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq218.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188210/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/07/2010 1110
Date Prepared: N/A

Analysis Batch: 680-188210
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSM
Lab File ID: mq219.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	95	96	69 - 130	1	50		
1,1-Dichloroethane	93	92	70 - 130	1	50		
1,2-Dichloroethane	98	96	66 - 130	2	50		
Acetone	103	105	42 - 130	1	50		
2-Butanone (MEK)	91	91	70 - 130	1	50		
1,1,1-Trichloroethane	99	95	69 - 130	4	50		
Bromomethane	85	83	44 - 130	1	50		
Carbon disulfide	94	93	40 - 136	1	50		
1,1,2,2-Tetrachloroethane	95	100	70 - 130	5	50		
Carbon tetrachloride	101	95	68 - 130	6	50		
1,2-Dichloropropane	96	92	70 - 130	5	50		
Chloroethane	90	86	36 - 150	5	50		
Chlorodibromomethane	101	102	70 - 130	1	50		
Chloroform	94	95	70 - 130	1	50		
1,1,2-Trichloroethane	96	93	70 - 130	4	50		
Chloromethane	92	92	62 - 135	0	50		
Benzene	98	93	70 - 130	6	50		
cis-1,2-Dichloroethene	91	92	70 - 130	1	50		
cis-1,3-Dichloropropene	101	93	70 - 130	8	50		
Bromoform	101	104	70 - 130	3	50		
2-Hexanone	95	102	65 - 130	7	50		
Dichlorobromomethane	100	97	70 - 130	2	50		
4-Methyl-2-pentanone (MIBK)	98	98	64 - 130	0	50		
Methylene Chloride	92	92	52 - 135	0	50		
1,2-Dichlorobenzene	95	97	70 - 130	1	50		
Tetrachloroethene	96	91	70 - 130	6	50		
Chlorobenzene	96	94	70 - 130	2	50		
Toluene	97	91	70 - 130	6	50		
Ethylbenzene	98	94	70 - 130	4	50		
Styrene	98	95	70 - 130	3	50		
trans-1,2-Dichloroethene	93	93	70 - 130	0	50		
trans-1,3-Dichloropropene	99	96	69 - 130	3	50		
Trichloroethene	97	91	70 - 130	6	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188210

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188210/4	Analysis Batch:	680-188210	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq218.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/07/2010 1049			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188210/6	Analysis Batch:	680-188210	Instrument ID:	MSM
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	mq219.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/07/2010 1110			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	91	93	65 - 135	3	50		
Xylenes, Total	96	93	70 - 130	3	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	91	65 - 130
4-Bromofluorobenzene	97	98	65 - 130
Dibromofluoromethane	93	92	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Method Blank - Batch: 680-188315

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-188315/8
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/08/2010 0922
Date Prepared: N/A

Analysis Batch: 680-188315
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq051.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1-Dichloroethene	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
Acetone	<2000		2000
2-Butanone (MEK)	<1000		1000
1,1,1-Trichloroethane	<200		200
Bromomethane	<200		200
Carbon disulfide	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Carbon tetrachloride	<200		200
1,2-Dichloropropane	<200		200
Chloroethane	<200		200
Chlorodibromomethane	<200		200
Chloroform	<200		200
1,1,2-Trichloroethane	<200		200
Chloromethane	<200		200
Benzene	<200		200
cis-1,2-Dichloroethene	<200		200
cis-1,3-Dichloropropene	<200		200
Bromoform	<200		200
2-Hexanone	<1000		1000
Dichlorobromomethane	<200		200
4-Methyl-2-pentanone (MIBK)	<1000		1000
Methylene Chloride	<200		200
1,2-Dichlorobenzene	<200		200
Tetrachloroethene	<200		200
Chlorobenzene	<200		200
Toluene	<200		200
Ethylbenzene	<200		200
Styrene	<200		200
trans-1,2-Dichloroethene	<200		200
trans-1,3-Dichloropropene	<200		200
Trichloroethene	<200		200
Vinyl chloride	<200		200
Xylenes, Total	<400		400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	65 - 130
4-Bromofluorobenzene	102	65 - 130
Dibromofluoromethane	93	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188315

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 680-188315/5
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/08/2010 0818
Date Prepared: N/A

Analysis Batch: 680-188315
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq048.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-188315/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 12/08/2010 0840
Date Prepared: N/A

Analysis Batch: 680-188315
Prep Batch: N/A
Units: ug/Kg

Instrument ID: MSL
Lab File ID: lq049.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	100	99	69 - 130	1	50		
1,1-Dichloroethane	97	91	70 - 130	6	50		
1,2-Dichloroethane	139	127	66 - 130	9	50	*	
Acetone	87	90	42 - 130	3	50		
2-Butanone (MEK)	80	73	70 - 130	9	50		
1,1,1-Trichloroethane	134	116	69 - 130	14	50	*	
Bromomethane	79	76	44 - 130	3	50		
Carbon disulfide	102	97	40 - 136	5	50		
1,1,2,2-Tetrachloroethane	101	88	70 - 130	14	50		
Carbon tetrachloride	127	112	68 - 130	12	50		
1,2-Dichloropropane	115	99	70 - 130	15	50		
Chloroethane	97	95	36 - 150	1	50		
Chlorodibromomethane	110	99	70 - 130	11	50		
Chloroform	91	86	70 - 130	6	50		
1,1,2-Trichloroethane	113	98	70 - 130	14	50		
Chloromethane	100	99	62 - 135	1	50		
Benzene	109	93	70 - 130	16	50		
cis-1,2-Dichloroethene	87	82	70 - 130	7	50		
cis-1,3-Dichloropropene	121	113	70 - 130	7	50		
Bromoform	106	88	70 - 130	18	50		
2-Hexanone	103	86	65 - 130	18	50		
Dichlorobromomethane	123	110	70 - 130	12	50		
4-Methyl-2-pentanone (MIBK)	110	96	64 - 130	14	50		
Methylene Chloride	94	106	52 - 135	12	50		
1,2-Dichlorobenzene	115	103	70 - 130	11	50		
Tetrachloroethene	88	82	70 - 130	6	50		
Chlorobenzene	98	88	70 - 130	11	50		
Toluene	99	94	70 - 130	6	50		
Ethylbenzene	99	93	70 - 130	7	50		
Styrene	112	102	70 - 130	10	50		
trans-1,2-Dichloroethene	110	102	70 - 130	8	50		
trans-1,3-Dichloropropene	119	103	69 - 130	14	50		
Trichloroethene	106	91	70 - 130	15	50		

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-188315

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 680-188315/5	Analysis Batch:	680-188315	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq048.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/08/2010 0818			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

LCSD Lab Sample ID:	LCSD 680-188315/6	Analysis Batch:	680-188315	Instrument ID:	MSL
Client Matrix:	Solid	Prep Batch: N/A		Lab File ID:	lq049.d
Dilution:	40	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	12/08/2010 0840			Final Weight/Volume:	5 mL
Date Prepared:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Vinyl chloride	96	95	65 - 135	1	50		
Xylenes, Total	98	93	70 - 130	6	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	107	93	65 - 130
4-Bromofluorobenzene	116	99	65 - 130
Dibromofluoromethane	93	86	65 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Method Blank - Batch: 680-188182

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 680-188182/12-A	Analysis Batch:	680-188696	Instrument ID:	MST
Client Matrix:	Solid	Prep Batch:	680-188182	Lab File ID:	t1797.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	12/10/2010 1401			Final Weight/Volume:	1 mL
Date Prepared:	12/07/2010 1500			Injection Volume:	1 uL

Analyte	Result	Qual	RL
Acenaphthene	<330		330
Acenaphthylene	<330		330
Anthracene	<330		330
Benzo[a]anthracene	<330		330
Benzo[b]fluoranthene	<330		330
Benzo[k]fluoranthene	<330		330
Benzo[g,h,i]perylene	<330		330
Benzo[a]pyrene	<330		330
Bis(2-chloroethoxy)methane	<330		330
Bis(2-chloroethyl)ether	<330		330
Bis(2-ethylhexyl) phthalate	<330		330
4-Bromophenyl phenyl ether	<330		330
Butyl benzyl phthalate	<330		330
Carbazole	<330		330
4-Chloroaniline	<660		660
4-Chloro-3-methylphenol	<330		330
2-Chloronaphthalene	<330		330
2-Chlorophenol	<330		330
4-Chlorophenyl phenyl ether	<330		330
Chrysene	<330		330
Dibenz(a,h)anthracene	<330		330
Dibenzofuran	<330		330
Di-n-butyl phthalate	<330		330
1,2-Dichlorobenzene	<330		330
1,3-Dichlorobenzene	<330		330
1,4-Dichlorobenzene	<330		330
3,3'-Dichlorobenzidine	<660		660
2,4-Dichlorophenol	<330		330
Diethyl phthalate	<330		330
2,4-Dimethylphenol	<330		330
Dimethyl phthalate	<330		330
4,6-Dinitro-2-methylphenol	<1700		1700
2,4-Dinitrophenol	<1700		1700
2,4-Dinitrotoluene	<330		330
2,6-Dinitrotoluene	<330		330
Di-n-octyl phthalate	<330		330
N-Nitrosodiphenylamine	<330		330
1,4-Dioxane	<330		330
Fluoranthene	<330		330
Fluorene	<330		330
Hexachlorobenzene	<330		330
Hexachlorobutadiene	<330		330
Hexachlorocyclopentadiene	<330		330

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Method Blank - Batch: 680-188182

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 680-188182/12-A	Analysis Batch:	680-188696	Instrument ID:	MST
Client Matrix:	Solid	Prep Batch:	680-188182	Lab File ID:	t1797.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	12/10/2010 1401			Final Weight/Volume:	1 mL
Date Prepared:	12/07/2010 1500			Injection Volume:	1 uL

Analyte	Result	Qual	RL
Hexachloroethane	<330		330
Indeno[1,2,3-cd]pyrene	<330		330
Isophorone	<330		330
2-Methylnaphthalene	<330		330
2-Methylphenol	<330		330
3 & 4 Methylphenol	<330		330
Naphthalene	<330		330
2-Nitroaniline	<1700		1700
3-Nitroaniline	<1700		1700
4-Nitroaniline	<1700		1700
Nitrobenzene	<330		330
2-Nitrophenol	<330		330
4-Nitrophenol	<1700		1700
N-Nitrosodi-n-propylamine	<330		330
Pentachlorophenol	<1700		1700
Phenanthrene	<330		330
Phenol	<330		330
Pyrene	<330		330
1,2,4-Trichlorobenzene	<330		330
2,4,5-Trichlorophenol	<330		330
2,4,6-Trichlorophenol	<330		330
bis(chloroisopropyl) ether	<330		330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	76	58 - 130
2-Fluorophenol	75	40 - 130
Nitrobenzene-d5	74	46 - 130
Phenol-d5	79	49 - 130
Terphenyl-d14	84	60 - 130
2,4,6-Tribromophenol	79	58 - 130

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample - Batch: 680-188182

Method: 8270D
Preparation: 3546

Lab Sample ID: LCS 680-188182/13-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/10/2010 0226
Date Prepared: 12/07/2010 1500

Analysis Batch: 680-188697
Prep Batch: 680-188182
Units: ug/Kg

Instrument ID: MST
Lab File ID: t1793.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	3030	91	58 - 130	
Acenaphthylene	3330	2910	87	58 - 130	
Anthracene	3330	2990	90	60 - 130	
Benzo[a]anthracene	3330	3110	93	62 - 130	
Benzo[b]fluoranthene	3330	3060	92	53 - 130	
Benzo[k]fluoranthene	3330	2910	87	57 - 130	
Benzo[g,h,i]perylene	3330	2830	85	54 - 130	
Benzo[a]pyrene	3330	3420	102	68 - 131	
Bis(2-chloroethoxy)methane	3330	2830	85	56 - 130	
Bis(2-chloroethyl)ether	3330	2610	78	42 - 130	
Bis(2-ethylhexyl) phthalate	3330	3210	96	62 - 132	
4-Bromophenyl phenyl ether	3330	3100	93	65 - 130	
Butyl benzyl phthalate	3330	3290	99	65 - 134	
Carbazole	3330	2930	88	60 - 130	
4-Chloroaniline	3330	1250	38	36 - 130	
4-Chloro-3-methylphenol	3330	2770	83	52 - 130	
2-Chloronaphthalene	3330	2590	78	55 - 130	
2-Chlorophenol	3330	2560	77	51 - 130	
4-Chlorophenyl phenyl ether	3330	2960	89	61 - 130	
Chrysene	3330	3000	90	62 - 130	
Dibenz(a,h)anthracene	3330	2960	89	56 - 130	
Dibenzofuran	3330	2790	84	56 - 130	
Di-n-butyl phthalate	3330	3220	97	65 - 130	
1,2-Dichlorobenzene	3330	2240	67	46 - 130	
1,3-Dichlorobenzene	3330	2180	66	45 - 130	
1,4-Dichlorobenzene	3330	2230	67	45 - 130	
3,3'-Dichlorobenzidine	3330	2020	61	45 - 130	
2,4-Dichlorophenol	3330	2610	78	53 - 130	
Diethyl phthalate	3330	3020	91	62 - 130	
2,4-Dimethylphenol	3330	2590	78	47 - 130	
Dimethyl phthalate	3330	3020	91	63 - 130	
4,6-Dinitro-2-methylphenol	3330	2990	90	14 - 137	
2,4-Dinitrophenol	3330	3210	96	10 - 154	
2,4-Dinitrotoluene	3330	2870	86	55 - 130	
2,6-Dinitrotoluene	3330	2820	84	57 - 130	
Di-n-octyl phthalate	3330	3430	103	59 - 146	
N-Nitrosodiphenylamine	3330	3190	96	62 - 130	
1,4-Dioxane	3330	862	26	10 - 130	
Fluoranthene	3330	3040	91	62 - 130	
Fluorene	3330	2870	86	58 - 130	
Hexachlorobenzene	3330	2830	85	59 - 130	
Hexachlorobutadiene	3330	2550	76	47 - 130	
Hexachlorocyclopentadiene	3330	2520	76	35 - 130	

Client: ARCADIS U.S., Inc.

Job Number: 680-63635-1

Lab Control Sample - Batch: 680-188182

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 680-188182/13-A	Analysis Batch:	680-188697	Instrument ID:	MST
Client Matrix:	Solid	Prep Batch:	680-188182	Lab File ID:	t1793.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	12/10/2010 0226			Final Weight/Volume:	1 mL
Date Prepared:	12/07/2010 1500			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachloroethane	3330	2180	65	44 - 130	
Indeno[1,2,3-cd]pyrene	3330	2890	87	52 - 130	
Isophorone	3330	2390	72	48 - 130	
2-Methylnaphthalene	3330	2660	80	55 - 130	
2-Methylphenol	3330	2610	78	49 - 130	
3 & 4 Methylphenol	3330	2850	86	50 - 130	
Naphthalene	3330	2510	75	54 - 130	
2-Nitroaniline	3330	2840	85	52 - 130	
3-Nitroaniline	3330	1860	56	42 - 130	
4-Nitroaniline	3330	2710	81	49 - 130	
Nitrobenzene	3330	2440	73	43 - 130	
2-Nitrophenol	3330	2440	73	45 - 130	
4-Nitrophenol	3330	2620	78	30 - 130	
N-Nitrosodi-n-propylamine	3330	2800	84	48 - 130	
Pentachlorophenol	3330	2830	85	38 - 131	
Phenanthrene	3330	3070	92	61 - 130	
Phenol	3330	2700	81	46 - 130	
Pyrene	3330	3010	90	59 - 130	
1,2,4-Trichlorobenzene	3330	2360	71	51 - 130	
2,4,5-Trichlorophenol	3330	2830	85	60 - 130	
2,4,6-Trichlorophenol	3330	2660	80	53 - 130	
bis(chloroisopropyl) ether	3330	2690	81	44 - 130	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	76	58 - 130
2-Fluorophenol	73	40 - 130
Nitrobenzene-d5	70	46 - 130
Phenol-d5	77	49 - 130
Terphenyl-d14	82	60 - 130
2,4,6-Tribromophenol	85	58 - 130

ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Project Number/Name OH004000.N204.11303 Ashland Greensboro

Project Location Greensboro, NC

Laboratory Test America Labs

Project Manager Ryan Gerber

Sampler(s)/Affiliation Matt Webb

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	EPA 8260B for VOCs soil preservation method 5035	Soil moisture for VOCs		8100, EPA 8270 4-oz soil jar			Remarks	Total
SB-37-5 ✓	S	11/29/10/16:35		X	X					2 VOAs w/ sodium bisulfate 1 VOA w/ methanol, 1 4oz jar	4
SB-37-10 ✓		16:45					X			+ 1 8oz Jar	5
SB-37-15 ✓		16:55									4
SB-37-24 ✓		11/30/10/8:10									
SB-37-31 ✓		18:30									
SB-37-40 ✓		19:00									
SB-37-52 ✓		10:05									
SB-37-58.5 ✓		10:25									
SB-38-6 ✓		11:35									
SB-38-10 ✓		12:05									
SB-38-12 ✓		12:10									
SB-38-14 ✓		12:15									
SB-38-20 ✓		13:00									
SB-38-27 ✓		13:30									
SB-38-40 ✓		13:~~40~~ 45									

Sample Matrix: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 61

Relinquished by: Matt Webb	Organization: Arcadis G&M	Date 12/1/10	Time 17:00	Seal Intact?
Received by: Ruth A Daughtry	Organization: TA SHV	Date 12/2/10	Time 0931	Yes No N/A
Relinquished by:	Organization:	Date / /	Time	Seal Intact?
Received by:	Organization:	Date / /	Time	Yes No N/A

Special Instructions/Remarks:

Test America contact for this project is Abby Yant

Temp 4.6

686-683635

Delivery Method: ☐ In Person ☐ Common Carrier _____ ☐ Lab Courier ☐ Other _____

ARCADIS

Laboratory Task Order No./P.O. No. _____

CHAIN-OF-CUSTODY RECORD

Page 2 of 2

Project Number/Name 0H004000.NC0411303 Ashland Greensboro

Project Location Greensboro, NC

Laboratory Test America Labs

Project Manager Ryan Gerber

Sampler(s)/Affiliation Matt Webb

ANALYSIS / METHOD / SIZE

Sample ID/Location	Matrix	Date/Time Sampled	Lab ID	EPA 8260B VOCs soil preservation method 5035	Soil Moisture for VOCs	EPA 8260B VOCs water	SVOCs EPA 8270			Remarks	Total
SB-38-50 ✓	S	11/30/10 14:50		X	X					2 VOAs w/ Sodium Bisulfate 1 VOA w/ Methanol, 1-4oz Jar	4
SB-38-58 ✓		14:55									
SB-38-60 ✓		15:20									
SB-38-72 ✓		16:20									
SB-28-6 ✓		12/1/10 8:10								2 VOAs w/ DI Water 1 VOA w Methanol, 1 4oz Jar	4
SB-28-12 ✓		18:45									
SB-28-15 ✓		19:10									
SB-28-25 ✓		19:45									
SB-28-39 ✓		10:30									
SB-28-46 ✓		11:00									
SB-28-50 ✓		11:20									
SB-28-59 ✓		12:00									
SB-28-64GW ✓	W	12:40				X				2 VOAs w/ HCl, 1 VOA 1% HCl	3
~~SB-37-10~~	~~S~~										

Total No. of Bottles/Containers 51

Sample Matrix: L = Liquid; S = Solid; A = Air

Relinquished by: Matt Webb	Organization: Arcadis G&M	Date 12/1/10	Time 17:00	Seal Intact?	
Received by: Kristin Naughty	Organization: TH SHV	Date 12/2/10	Time 0931	Yes No N/A	
Relinquished by:	Organization:	Date / /	Time	Seal Intact?	
Received by:	Organization:	Date / /	Time	Yes No N/A	

Special Instructions/Remarks: Temp 4.6 (8260 - 8270 - 25)

Delivery Method: ☐ In Person ☐ Common Carrier _____ ☐ Lab Courier ☐ Other _____

ANALYTICAL REPORT

Job Number: 680-63790-1

Job Description: Ashland Greensboro

For:
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Attention: Mr. Don Malone

Approved for release.
Abbie G Yant
Project Manager I
12/30/2010 4:29 PM

Abbie G Yant
Project Manager I
abbie.yant@testamericainc.com
12/30/2010

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

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TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

Mr. Don Malone
ARCADIS U.S., Inc.
801 Corporate Center Drive
Suite 300
Raleigh, NC 27607-5073

Job Number: 680-63790-1

Client Sample ID: **SB-37-10**
Lab Sample ID: **680-63790-33**

Date Sampled: 11/30/2010 1000
Date Received: 12/07/2010 0935
Client Matrix: Solid
Percent Solids: 74

Analyte	Result/Qualifier		Unit		RL	Dilution
Method: MAVPH				Date Analyzed:	12/22/2010 0046	
Prep Method: 5035				Date Prepared:	12/18/2010 1340	
C5-C8 Aliphatics	420		mg/Kg		33	500
C9-C12 Aliphatics	460		mg/Kg		17	500
C9-C10 Aromatics	100		mg/Kg		9.0	500
Surrogate					Acceptance Limits	
a,a,a-Trifluorotoluene (fid)	225	X	%		70 - 130	
a,a,a-Trifluorotoluene (pid)	159	X	%		70 - 130	
Method: MA-EPH				Date Analyzed:	12/23/2010 1522	
Prep Method: 3541				Date Prepared:	12/13/2010 1530	
C9-C18 Aliphatics	17		mg/Kg		2.2	1.0
C19-C36 Aliphatics	18	*	mg/Kg		2.2	1.0
Surrogate					Acceptance Limits	
1-Chlorooctadecane	70		%		40 - 140	
Method: MA-EPH				Date Analyzed:	12/23/2010 2306	
Prep Method: 3541				Date Prepared:	12/13/2010 1530	
C11-C22 Aromatics	17		mg/Kg		2.2	1.0
Surrogate					Acceptance Limits	
o-Terphenyl	100		%		40 - 140	
2-Fluorobiphenyl	76		%		40 - 140	
2-Bromonaphthalene	84		%		40 - 140	
Method: Moisture				Date Analyzed:	12/15/2010 1700	
Percent Moisture	26		%		0.10	1.0