Stantec Consulting Services Inc.
61 Commercial Street
Rochester NY 14614
Tel: (585) 475-1440
Fax: (585) 272-1814

June 13, 2013

Mr. Kevin M. Hogan, Esq.
Phillips Lytle LLP
3400 HSBC Center
Buffalo, NY 14203-2887

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT WORK PRODUCT

Reference: Detention Pond Investigation Report
Getinge Sourcing LLC
1777 East Henrietta Road
Rochester, New York

Dear Kevin:

Stantec Consulting Services Inc. (Stantec) is pleased to submit this detention pond investigation report for the above-referenced Site (see Figure 1).

Background

Stantec understands that a property/facility transaction is being pursued. To assist in that process, you have requested an investigation of the stormwater detention pond/basin area to assess the extent of impacts by volatile organic compounds in this area.

The Getinge Sourcing LLC site is 33.2± acres in size. The main manufacturing building is located near the center of the Site and a smaller Research and Development building is situated near the northern property line. Paved parking areas are situated around and between the buildings. The stormwater detention pond, which receives runoff from the Site as well as a portion of the adjacent East Henrietta Road, is located in the northeast corner of the Site. The attached Figure 1 depicts the Site and the current and past features discussed herein.

The Site is bounded on the north by a former Harris Garden Center which is being redeveloped with a hotel facility, Rochester Collision auto repair, and a Monroe Muffler auto repair facility. These past and/or current uses have the potential for historic or current use of petroleum products or hazardous substances. The Site is bounded on the east by East Henrietta Road and the Doubletree Inn Hotel beyond that; on the south by Interstate 390; and on the west by undeveloped land.

Our understanding of the Site is based on three reports you provided summarizing environmental investigations performed at the site in 1996 in connection with a proposed facility/property acquisition at that time; groundwater results from 2005 and 2013 groundwater sampling events involving two wells; utility and site drawings provided by Mr. Scott Lesnick, former Director, Facilities, Environmental Health & Safety; discussions with Mr. Tom Marlowe, Sr. Mgr. Facilities/EHS/OHSAS and our site visit. The investigations conducted previously provide a limited amount of geologic and laboratory analytical data for soil and groundwater samples at seven locations on site, but documented that volatile organic compound (VOC) impacts to soil and

groundwater occurred in two locations from historical on-site treatment of wastewater containing degreasing solvents. Specifically, the VOCs trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) were detected in two groundwater monitoring wells (MW-1 and MW-7) at concentrations above groundwater standards. These well locations are depicted on the Figure 1.

A more detailed summary of the findings of the environmental investigations performed in 1996, 2005 and 2013 groundwater sampling results, and recent water line breaks are described below:

1. A process wastewater treatment plant (WWTP) was formerly located north of the main facility, near the northern property line. This facility reportedly treated water from a former metals plating operation in the main facility, and the plating area also contained a degreaser which used TCE. The WWTP contained two sand filter beds that may have been unlined and appear to have contained a network of drainage piping. Treated effluent from the WWTP was directed via underground terra cotta piping to an onsite detention pond located in the northeast corner of the property. The WWTP was operational from approximately 1954 to 1960, when it was demolished and removed.

   Monitoring well MW-7 is located in the vicinity of the former WWTP sand filter beds. The test boring at this location encountered a 2-ft-thick layer of wet coarse sand between 4 and 6 ft. below ground surface (bgs). This indicates the filter bed material was likely not removed when the WWTP was decommissioned, but rather was left in place. It should be noted that the photoionization detector (PID) used during test drilling did not indicate VOC presence at that depth, but did indicate the presence of VOCs at 6-8 ft. and 12-14 ft. bgs. Analysis of soil samples from these two depth ranges indicated VOCs were present, but at levels below New York State Department of Environmental Conservation (NYSDEC) soil cleanup objectives (SCOs).

   Groundwater sampling results from 1996 detected total VOCs at approximately 760 micrograms per liter (µg/L, equivalent to parts per billion) in monitoring well MW-7. In 2005, only TCE was evaluated and it was reported at a concentration of 70 µg/L. Groundwater sampling results from earlier this year indicated the total VOC concentration had decreased to 54 µg/L in this well. In both the 1996 and 2013 sampling events, TCE and cis-1,2-DCE were the only VOCs detected; however both were still present at levels above their 5 µg/L groundwater standards.

   These results indicate that the use of the sand filter beds may have resulted in release of TCE to the subsurface; however, total VOC concentrations at MW-7 have dropped by an order of magnitude between 1996 and 2013. It is not known from the currently-available information if other areas of the WWTP, such as the sludge drying bed (Figure 1) or any of the system piping may also have been potential contaminant release points.

2. As indicated above, the WWTP discharged treated effluent via subsurface piping to the onsite detention pond, which is the subject of the current investigation. The detention pond also historically received and currently receives stormwater runoff from the Site and a portion of the adjacent East Henrietta roadway. The detention pond has an outlet that discharges to

a pipe that runs eastward under East Henrietta Road to a detention pond located on the Doubletree Hotel property, and ultimately this runoff continues through a culvert piping system northward beneath Jefferson Road then further eastward.

A groundwater sample from monitoring well MW-1, located immediately north of the onsite pond (See Figure 1), in 1996 exhibited total VOC concentrations of 1,104 µg/L. The sample collected and analyzed in 2005 was reported to contain 59 ug/L of TCE, the only analyte that was evaluated at that time. The 2013 groundwater sample from this location showed total VOCs had increased from the 1996 concentration by nearly a factor of five to 5,158 µg/L. As with MW-7, TCE and cis-1,2-DCE were the only VOCs present in the MW-1 samples.

3. Mr. Tom Marlowe reported that a six-inch diameter water line that runs south to north between the two on-site buildings broke in December 2012 and again in February 2013. When it was repaired, Mr. Marlowe indicated there was a 14 ft. deep excavation that was full of water and sheets of water were observed flowing down the driveway towards East Henrietta Road. He further indicated that water consumption at the Site dropped by 20+/-% in the months following the repairs. This water would have likely been captured by storm water drainage inlets associated with the Site's driveway entrance. During a site visit this spring, it was apparent that large volumes of water had entered the detention basin as the vegetation situated at the mouth of the southerly inlet was all uniformly matted down in the direction pointing away from the inlet.

4. The three prior rounds of groundwater sampling results from MW-1 suggest that the effluent discharged from the WWTP contained TCE, and the TCE has apparently infiltrated downward from the detention basin into the water table. At this time, the reason for the significant increase in VOCs in well MW-1 between 1996 and 2013 is suspected to be related to the recent water line breaks and the resultant large volume of water that is suspected to have flushed contaminants out of the detention basin and into groundwater.

The current detention pond investigation was conducted to help determine the extent of the impacts associated with the elevated VOC concentrations at MW-1.

Field Program

The investigation program involved soil test borings, soil sampling, temporary monitoring well installation, water level measurements, groundwater sampling, surface water sampling, and well surveying.

Stantec retained appropriately qualified service providers for the drilling and laboratory analytical services necessary for the project. The subcontractors that were used included Nothnagle Drilling Inc. (Nothnagle) for the drilling program and TestAmerica Laboratories, Inc. (Test America), a New York State Department of Health accredited laboratory with current ELAP certification, for the analytical services.

Reference: Detention Pond Investigation Report
Getinge Sourcing LLC
1777 East Henrietta Road
Rochester, New York

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT WORK PRODUCT

Stantec observed two days of drilling by Nothnagle, including the use of rotary hammer direct push methods within the detention basin on May 13, 2013 and use of a Geoprobe on May 14, 2013. A total of eight soil borings were conducted and four temporary monitoring wells were installed. Stantec conducted groundwater and surface water sampling and groundwater elevation measurements on May 21-22, 2013, a well survey on June 4, 2013, and a second round of groundwater elevation measurements on June 6, 2013.

Prior to initiating the drilling program, Nothnagle requested an Underground Facilities Protective Organization (UFPO) underground utilities stakeout to locate publicly owned utilities on the subject property and private utilities were cleared with the assistance of Mr. Marlowe.

Stantec provided on-site environmental supervision during all investigation activities. During drilling activities, soil samples were logged for stratigraphic characteristics using visual and manual methods, and field screening of the soils was performed with a calibrated PID for the presence of volatile organic vapors. At each soil test boring location, continuous soil samples were collected.

Borings B-8 through B-11 were installed within the detention basin with direct push methods using a hammer drill. B-8 and B-9 were installed approximately 10-15 ft. downgradient from the two inlets, situated on the west and south sides of the detention basin, respectively. The presence of standing water limited closer placement of the boring to the western inlet. B-10 was installed approximately 10-15 ft. upgradient from the outfall and B-11 was located in the approximate center of the detention basin. Depths in these borings ranged from approximately 6 to 8 ft.

Borings MW-12 through MW-15 were installed with direct push methods outside the detention basin using a Geoprobe. Borings MW-12 and MW-15 were installed near the detention basin inlets, MW-14 was installed near the basin outlet, and MW-13 was installed in the presumed downgradient location from previously installed well MW-1. Depths in these borings ranged from approximately 15 to 21 ft. Field notes were taken to document subsurface conditions, and test boring logs of each investigation location were prepared and are included in Appendix A. Boring locations are presented on Figure 2.

Soil samples were selected for laboratory analysis based on PID results (slightly elevated headspace measurements), odors, visual observations (i.e. staining, fill material, etc.), the presumed location of the water table, and/or to provide vertical definition of the potential presence of VOCs. Fourteen soil samples were selected for laboratory analysis from the borings. A summary of soil samples submitted for laboratory analyses is provided in Table 1. A discussion of the soil analytical program is presented below.

Temporary overburden monitoring wells were installed in four locations (see Figure 2). One-inch diameter monitoring wells were installed using direct push drilling methods to depths ranging from between 14.5 and 19 feet. Each temporary overburden monitoring well was constructed of one-inch diameter, schedule-40 PVC with 10-ft. long, 0.010-inch slot well screens. Well installation details are provided in Table 2. Groundwater elevations were measured at the newly installed wells and from previously installed monitoring well MW-1 on May 21, 2013 prior to purging and sampling (see Table 3). Groundwater samples were collected from these wells on May 21 and 22, 2013.

Purging and sampling were conducted with dedicated polyethylene bailers and groundwater quality parameters were monitored during purging (see Tables 4 and 5). A discussion of the groundwater analytical results is found below. All previously existing and newly installed monitoring wells were surveyed on June 4, 2013. A second round of groundwater elevation measurements were collected on June 6, 2013. It was noted that the J-plugs were missing from MW-2 and MW-7, and the well housings were compromised at MW-2 and MW-7, which may have influenced groundwater elevations in these wells.

Surface water samples were collected from near the two inlets to the detention basin (C-SW-1,2-W) and from near the basin outlet (C-SW-3-W) on May 21, 2013 (see Table 5). Sampling was conducted by dipping a new glass jar in the surface water and pouring the water into the sample containers.

The soil and water samples were submitted to Test America for analysis. As detailed in Tables 6 through 8, the samples were submitted for one or both of the following analyses:

- US EPA Target Compound List (TCL) Volatile Organic Compounds (VOCs) plus Tentatively Identified Compounds (TICs) by US EPA Method 8260B; and

- 8 RCRA Metals by US EPA Method 6010/7471. (The RCRA metals were analyzed from select soil samples to assist in evaluating potential impacts from the former plating operation.)

Quality assurance/quality control (QA/QC) samples, including duplicates, matrix spike/matrix spike duplicates (MS/MSDs), and a trip blank were collected. With the exception of MW-15, Geoprobe test boring spoils appeared to be uncontaminated and thus spoils were spread on-site near the boring locations. Soils from MW-15 appeared to potentially have low level VOC impacts and were therefore placed in a drum that is being stored at the detention basin. Purge water was placed in a drum that is being stored at the detention basin.

Results

Groundwater Elevations

Groundwater elevations are shown on Table 3 and contoured on Figure 3. As shown on Figure 3, the direction of groundwater flow in the area of the detention basin is to the north-northeast. When the initial groundwater elevation measurements were reviewed following the well survey, due to tight soil conditions, it was apparent that the groundwater elevation in MW-14 had not fully recovered from the time the well was installed as it was two ft. lower than the nearby wells. As a result, a second round of groundwater elevation measurements were collected on June 6, 2013, at which time the groundwater elevation was in line with that of the other wells.

Analytical Results

Analytical laboratory reports are contained in Appendix B. Soil and water sampling results are summarized in Tables 6 through 8. The soil results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Soil Cleanup Objectives (SCOs) for Industrial Use (IU) and for the Protection of Groundwater (POGW). IU SCOs are applicable because of the use of the site and POGW SCOs are applicable given the previously reported impacts to groundwater quality in MW-1. Groundwater and surface water results were respectively compared to Class GA and Class D Water Quality Standards provided in NYSDEC's Technical and Operational Guidance Series (TOGS) 1.1.1 (June 1998 and addenda).

Soils

There were no exceedances of IU or POGW SCOs for metals in any of the soil samples analyzed (see Table 6).

The only exceedance of SCOs for VOCs in the soil samples analyzed was an exceedance of the POGW SCO for acetone at B-8 at a depth of 1 -1.3 ft. below ground surface (bgs). Acetone was also detected in the groundwater near this location at MW-12; though the concentration was below groundwater standards (see Table 8). Acetone is used as a glassware cleaning reagent in many laboratories and as a result is often a lab artifact; however it was not reported as being present in the associated QA/QC blank samples and therefore it was not flagged as being a suspect laboratory artifact. Acetone can also appear during the reductive dechlorination process of chlorinated solvents such as TCE, or possibly be related to activities on-site. At this time its source is uncertain, however, given its localized presence and the absence of exceedances of groundwater standards, acetone does not appear to be a significant concern.

The only chlorinated VOC that was detected was a low level of TCE in a soil sample from boring B-8, which was collected downgradient from the westerly inlet at a depth of 5.5 – 6.0 ft. bgs. TCE was reported in this sample at 5.6 micrograms per kilogram (µg/kg), which is well below both the POGW and IU SCOs. However, this finding, in combination with the presence of acetone in this same location, may suggest that B-8 is located on the edge of the potential source of the TCE findings in MW-1.

Water

No VOCs were detected in the three surface water samples (C-SW-1, 2, and 3-W) (see Table 7).

In groundwater, monitoring well MW-1 was reported to contain elevated levels of TCE in both the original sample (C-MW1-W) and a duplicate sample (C-MW1-W/D) (2,700 and 2,900 µg/L, respectively) (see Table 8). These concentrations, while still elevated when compared to the 1996 and 2005 results, have dropped by 43+/-% relatively to the January 2013 results, suggesting the influx of water from the water line break may have mobilized contaminants which contributed to the higher results in January. Lower levels of the breakdown products of TCE were also reported at levels above NYSDEC groundwater standards, including cis- and trans-1,2-dichloroethene (cis-1,2-

DCE and trans-1,2-DCE), and vinyl chloride. The presence of these compounds suggests that reductive dechlorination is occurring, resulting in the breakdown of the TCE into its daughter products.

TCE was also detected above NYSDEC standards at the wells near the detention basin outlet (MW-14) and downgradient from MW-1 (MW-13); however, TCE was reported at concentrations (5.4 and 14 µg/L, respectively) only slightly above the groundwater standard (5 µg/l). These concentrations are 2-3 orders of magnitude below those observed at MW-1 suggesting that the impacts at MW-1 are not migrating significant distances downgradient via groundwater. No chlorinated VOCs were detected at the two monitoring wells located near the inlets to the detention basin.

As previously discussed, a low level of acetone, well below its groundwater standard, was detected at MW-12, which is near the western inlet to the basin.

Conclusions and Recommendations

Stantec conducted a soil and groundwater investigation in the area of the detention basin in the northeast corner of the Site. Groundwater flow direction in the area of the detention basin was determined to be to the north-northeast.

The only exceedance of SCOs for VOCs was acetone at B-8 near the western inlet. Acetone was also detected in groundwater at nearby MW-12, though the concentration in groundwater was below groundwater standards suggesting it is not a significant concern. The only chlorinated VOC reported in the soil samples was a trace concentration of TCE also found at boring B-8 at a depth of 5.5-6.0 ft. bgs. The western inlet is understood to have received the effluent from the former WWTP when it was operational.

No RCRA metals were reported above SCOs and no VOCs were detected in the surface water samples.

Elevated concentrations of VOCs in groundwater were reported at MW-1, where TCE was detected at 2,900 µg/L; 1,2-DCE was detected at 35.9 µg/L; and vinyl chloride was detected at 2.2 µg/L; all of which were above groundwater standards. Slight exceedances of groundwater standards for TCE were identified downgradient of the detention basin and MW-1, at MW-14 and MW-13, respectively.

The combination of: (1) the absence of detections of chlorinated VOCs in soil samples with the exception of B-8; and (2) the presence of acetone, which can be an artifact of the reductive dechlorination of TCE, at B-8 and nearby MW-12; suggests the source of the MW-1 findings may be laterally quite localized. The north-northeast groundwater flow pattern places B-8, MW-12 and the western detention basin inlet upgradient from MW-1, which suggests the source of the findings in MW-1 may reside below the scour pool at the western inlet to the detention basin. Since this location was full of water, it could not be accessed to be drilled during this investigation.

Reference: Detention Pond Investigation Report
Getinge Sourcing LLC
1777 East Henrietta Road
Rochester, New York

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT WORK PRODUCT

Given the timing of the January sampling event relative to the first water line break which reportedly occurred in December 2012, the significant increase in VOCs in well MW-1 between 1996 and 2013 is likely related to the water line break and the resultant volume of water that is suspected to have flushed contamination out of the detention basin soils and into groundwater. Although the total VOC concentration in MW-1 remains elevated, when the May 2013 results are compared to the total VOC concentration reported in January 2013, a 43% decrease has occurred. This reduction in contaminant levels between January and May 2013 suggests that the flushing effects from the water line breaks have started to attenuate.

Low level VOC groundwater impacts downgradient from the basin and MW-1 suggest that concentrations quickly diminish laterally in the shallow groundwater. Therefore, although VOC concentrations may slightly exceed standards in groundwater exiting the site, it is not likely they have traveled significant distances in the shallow groundwater zone.

In summary, based on the absence of significant impacts at the locations investigated during this program, it appears that the source of the impacts found in MW-1 may be quite localized. Further investigation focused in and around the western inlet to the detention basin and the area to the north-northeast around MW-1, would be required to refine the current understanding of the source and the extent of the impacts. In addition, investigation at greater depths will be required given the density of TCE, which is greater than water and therefore results in the potential for TCE to migrate vertically. With the completion of those investigations, a remedial program could be developed to address the source of the impacts in MW-1.

Closing

Should you have any questions, or require further information, please contact me.

Very truly yours,
STANTEC CONSULTING SERVICES INC.

Michael P. Storonsky
Managing Principal
Tel: (585) 413-5266
Fax: (585) 272-1814
mike.storonsky@stantec.com

Attachments:

Figures
1 – Key Existing and Former Site Features
2 – Sample Location Map
3 – Groundwater Elevation Contour Map, June 6, 2013

Reference: Detention Pond Investigation Report
Getinge Sourcing LLC
1777 East Henrietta Road
Rochester, New York

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT WORK PRODUCT

Tables

1 – Soil Sample Summary
2 – Monitoring Well Completion Summary
3 – Water Level Summary
4 – Summary of Groundwater Field Parameters
5 – Water Sample Summary
6 – Summary of Soil Analytical Results
7 – Summary of Surface Water Analytical Results
8 – Summary of Groundwater Analytical Results

Appendices

A – Soil Boring Logs and Monitoring Well Construction Logs
B – Laboratory Analytical Reports

Geographic Information Systems

Path: U:\190500772\drawing\aerial images\Figure1 - Key Existing and Former Site Features.mxd

Stantec Consulting Services Inc
61 Commercial Street
Rochester, NY 14614
Ph: 585-475-1440
Fx: 585-272-1814

Stantec

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT WORK PRODUCT

N

Figure 1 - Key Existing and Former Site Features

DETENTION POND INVESTIGATION REPORT
GETINGE SOURCING LLC, 1777 E. HENRIETTA RD., ROCHESTER, NY

Geographic Information Systems

Document Path: U:\190500772\drawing\aerial images\Figure 2 - Sample Location Map.mxd

Stantec Consulting Services Inc
61 Commercial Street
Rochester, NY 14614
Ph : 585-475-1440
Fx : 585-272-1814

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT WORK PRODUCT

N

Figure 2 - Sample Location Map

DETENTION POND INVESTIGATION REPORT
GETINGE SOURCING LLC
1777 E. HENRIETTA RD., ROCHESTER, NY

Geographic Information Systems

Document Path: U:\190500772\drawing\aerial images\Figure 3 - Groundwater Elevation Contour Map May 21 2008 - Working.mxd

Stantec Consulting Services Inc
61 Commercial Street
Rochester, NY 14614
Ph : 585-475-1440
Fx : 585-272-1814

PRIVILEGED AND CONFIDENTIAL
ATTORNEY CLIENT WORK PRODUCT

N

Figure 3 - Groundwater Elevation Contour Map, June 6, 2013

DETENTION POND INVESTIGATION REPORT
GETINGE SOURCING LLC
1777 E. HENRIETTA RD., ROCHESTER, NY

Table 1
Soil Sample Summary
Detention Pond Investigation
Getinge Sourcing LLC
1777 East Henrietta Road, Rochester, New York

Location Type	Sample Location	Sample Type	Sample Identification	Sample Date	Depth (feet below ground surface)	Analysis Completed	
						TCL VOCs + TICs by EPA Method 8260B	RCRA Metals by Methods 6010B/7471A
Soil Boring	B-8		C-B8-S	5/13/2013	1 - 1.3	X	
Soil Boring	B-8	MS/MSD	C-B8-S2 (MS/MSD)	5/13/2013	4 - 5		X
Soil Boring	B-8		C-B8-S3	5/13/2013	5.5 - 6	X	
Soil Boring	B-9	MS/MSD	C-B9-S (MS/MSD)	5/13/2013	1.7 - 2.3	X	X
Soil Boring	B-9		C-B9-S2	5/13/2013	5.5 - 6	X	
Soil Boring	B-10		C-B10-S	5/13/2013	4 - 6	X	X
Soil Boring	B-11		C-B11-S	5/13/2013	0.2 - 0.4	X	
Soil Boring	B-11	Duplicate	C-B11-S/D	5/13/2013	0.2 - 0.4	X	
Soil Boring	B-11		C-B11-S2	5/13/2013	0.4 - 1.2		X
Soil Boring	B-11	Duplicate	C-B11-S2/D	5/13/2013	0.4 - 1.2		X
Soil Boring	B-11		C-B11-S3	5/13/2013	5.4 - 5.8	X	
Soil Boring	B/MW-12		C-B12-S	5/14/2013	9.8 - 10.4	X	X
Soil Boring	B/MW-13		C-B13-S	5/14/2013	5.6 - 6.5	X	X
Soil Boring	B/MW-14		C-B14-S	5/14/2013	6.8 - 7.3	X	X
Soil Boring	B/MW-15		C-B15-S	5/14/2013	10.8 - 11.2	X	X
Soil Boring	B/MW-15		C-B15-S2	5/14/2013	17.5 - 18	X	

Notes:

EPA	United States Environmental Protection Agency
MS/MSD	Matrix Spike/Matrix Spike Duplicate
RCRA	Resource Conservation and Recovery Act
TCL	Target Compound List
TICs	Tentatively Identified Compounds
VOCs	Volatile Organic Compounds

Table 2
Monitoring Well Completion Summary
Detention Pond Investigation
Getinge Sourcing LLC
1777 East Henrietta Road, Rochester, New York

Well ID	Installation Date	Northing (NAD83)	Easting (NAD83)	Ground Elevation (ft AMSL)	TOIC Elevation (ft AMSL)	Well Diamter (in)	Total Depth (ft bgs)	Screen Interval (ft bgs)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)
MW-1*	4/25/1996	1126113.73	1408442.44	531.49	531.26	2.0	19.2	5.2 - 19.2	NR	NR
MW-2*	4/23/1996	1125939.247	1408131.801	545.669	544.9917	2.0	21.5	6.5 - 21.5	NR	NR
MW-3*	4/23/1996	1125811.434	1408267.67	546.518	546.456	2.0	20.0	10.0 - 20.0	NR	NR
MW-4*	4/22/1996	1125894.024	1408536.135	535.5054	535.3167	2.0	15.0	5.0 - 15.0	NR	NR
MW-5*	4/19/1996	1125059.84	1408055.858	551.5275	551.5038	2.0	25.2	15.2 - 25.2	NR	NR
MW-6*	4/19/1996	1125576.011	1407661.766	547.6415	547.2469	2.0	33.4	23.4 - 33.4	NR	NR
MW-7*	4/23/1996	1125955.751	1407805.939	546.2704	546.0249	2.0	18.2	8.2 - 18.2	NR	NR
MW-12	5/13/2013	1126044.22	1408378.45	533.90	533.64	1.0	18.5	8.5 - 18.5	5 - 18.5	0 - 5
MW-13	5/13/2013	1126168.30	1408446.36	526.97	526.66	1.0	14.5	4.5 - 14.5	3 - 15	0 - 3
MW-14	5/14/2013	1126097.31	1408504.28	530.83	530.60	1.0	16.0	6 - 16	1 - 18	0 - 1
MW-15	5/14/2013	1125983.82	1408523.77	533.87	533.64	1.0	19.0	9 - 19	8 - 21	0 - 8

Notes:

*	Well installed during Phase III Investigation conducted by ENVIRON Coroporation in May 1996
ft AMSL	Feet above mean sea level (NAVD 88)
ft bgs	Feet below ground surface
in	Inches
MW	Monitoring well
NR	Not reported

Table 3
Water Level Summary
Detention Pond Investigation
Getinge Sourcing LLC
1777 East Henrietta Road, Rochester, New York

Well ID	Ground Elevation (ft AMSL)	TOIC Elevation (ft AMSL)	May 21, 2013		June 6,2013	
			Water Level (ft BTOIC)	Water Elevation (ft AMSL)	Water Level (ft BTOIC)	Water Elevation (ft AMSL)
MW-1	531.49	531.26	8.31	522.95	8.52	522.74
MW-2	545.669	544.9917	---	---	8.50[a]	536.49
MW-3	546.518	546.456	---	---	10.14	536.32
MW-4	535.5054	535.3167	---	---	4.45	530.87
MW-5	551.5275	551.5038	---	---	3.23	548.27
MW-6	547.6415	547.2469	---	---	5.43	541.82
MW-7	546.2704	546.0249	---	---	7.25[a]	538.77
MW-12	533.90	533.64	9.20	524.44	7.16	526.48
MW-13	526.97	526.66	5.13	521.53	4.81	521.85
MW-14	530.83	530.60	10.08*	520.52*	7.95	522.65
MW-15	533.87	533.64	7.08	526.56	6.89	526.75

Notes:

* The water level in MW-14 on May 21, 2013 may not have stabilized prior to measurement, thus the elevation may be artificially low.

ft AMSL Feet above mean sea level (NAVD 88)

ft BTOIC Feet below top of inner casing

TOIC Top of inner casing

--- Not measured

a J-Plugs were not present on wells, therefore, water levels may be influenced by surface water runoff.

Table 4
Summary of Groundwater Field Parameters
Detention Pond Investigation
Getinge Sourcing LLC
1777 East Henrietta Road, Rochester, New York

Sample Location		MW-1	MW-12	MW-13	MW-14	MW-15
Sample Date		21-May-13	21-May-13	21-May-13	21-May-13	21-May-13
Purge Methodology		Volumetric	Volumetric	Volumetric	Volumetric	Volumetric
Purge Method		Bailer	Bailer	Bailer	Bailer	Bailer
Sampling Method		Bailer	Bailer	Bailer	Bailer	Bailer
Field Parameters	**Units**					
Conductivity	µS	2,233	1,890	1,180	4,072	3,532
pH	S.U.	6.87	7.08	6.86	6.72	6.91
Temperature	deg c	10.9	13.8	13.3	11.8	13.3
Turbidity	NTU	> 1,000	>1,000	>1,000	>1,000	>1,000

Notes:

deg c	degrees Celsius
µS	microSiemens
NTU	nephelometric turbidity unit
S.U.	standard units
MW	monitoring well

Table 5
Water Sample Summary
Detention Pond Investigation
Getinge Sourcing LLC
1777 East Henrietta Road, Rochester, New York

Location Purpose	Sample Location	Sample Type	Sample Identification	Sample Date	Analysis Completed
					TCL VOCs + TICs by EPA Method 8260B
QA/QC	N/A	Trip Blank	C-TripBlank-052113-W	5/21/2013	X
Surface Water	SW-1	MS/MSD	C-SW1-W (MS/MSD)	5/21/2013	X
Surface Water	SW-2		C-SW2-W	5/21/2013	X
Surface Water	SW-3		C-SW3-W	5/21/2013	X
Monitoring Well	MW-15		C-MW15-W	5/21/2013	X
Monitoring Well	MW-12		C-MW12-W	5/21/2013	X
Monitoring Well	MW-13		C-MW13-W	5/21/2013	X
Monitoring Well	MW-1		C-MW1-W	5/21/2013	X
Monitoring Well	MW-1	Duplicate	C-MW1-W/D	5/21/2013	X
Monitoring Well	MW-14		C-MW14-W	5/22/2013	X

Notes:

EPA	United States Environmental Protection Agency
MS/MSD	Matrix Spike/Matrix Spike Duplicate
N/A	Not applicable
TCL	Target Compound List
TICs	Tentatively Identified Compounds
VOCs	Volatile Organic Compounds

Table 6
Summary of Soil Analytical Results
Detention Pond Investigation
Getinge Sourcing, LLC
1777 East Henrietta Road, Rochester, NY

Sample Location			C-B8-S	C-B8-S2	C-B8-S3	C-B9-S	C-B9-S2	C-B10-S	C-B11-S		C-B11-S2		C-B11-S3	C-B12-S	C-B13-S	C-B14-S	C-B15-S	C-B15-S2
Sample Date			13-May-13	13-May-13	13-May-13	13-May-13	13-May-13	13-May-13	13-May-13	13-May-13	13-May-13	13-May-13	13-May-13	14-May-13	14-May-13	14-May-13	14-May-13	14-May-13
Sample ID			C-B8-S	C-B8-S2	C-B8-S3	C-B9-S	C-B9-S2	C-B10-S	C-B11-S	C-B11-S/D	C-B11-S2	C-B11-S2/D	C-B11-S3	C-B12-S	C-B13-S	C-B14-S	C-B15-S	C-B15-S2
Sample Depth			1 - 1.3 ft	4 - 5 ft	3.5 - 4 ft	1.7 - 2.3 ft	5.5 - 6 ft	4 - 6 ft	0.2 - 4 ft	0.2 - 4 ft	0.4 - 1.2 ft	0.4 - 1.2 ft	5.4 - 5.8 ft	9.8 - 10.4 ft	5.8 - 6.5 ft	6.8 - 7.3 ft	10.8 - 11.2 ft	17.5 - 18 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM
Laboratory Work Order			480-38260-1	480-38260-1	480382601	480-38260-1	480382601	480382601	480-38260-1	480-38260-1	480-38260-1	480-38260-1	480382601	480-38260-1	480-38260-1	480-38260-1	480-38260-1	480382601
Laboratory Sample ID			480-38260-1	480-38260-2	480-38260-3	480-38260-4	480-38260-5	480-38260-6	480-38260-7	480-38260-8 Field Duplicate	480-38260-9	480-38260-10 Field Duplicate	480-38260-11	480-38260-12	480-38260-13	480-38260-14	480-38260-15	480-38260-16
Sample Type	Units	6NYCRR																
Metals																		
Arsenic	mg/kg	16[A]	--	3.4	--	4.6	--	3.9	--	--	3.4	3.3	--	3.5	4.2	4.2	4.3	--
Barium	mg/kg	10000,^ 820[B]	--	35.3	--	58.1	--	41.3	--	--	58.1	55.4	--	54.4	45.1	74.0	76.3	--
Cadmium	mg/kg	60^ 7.5[B]	--	0.21 U	--	1.3	--	0.23 U	--	--	0.22	0.21 U	--	0.23 U	0.25 U	0.29	0.25 U	--
Chromium (Total)	mg/kg	NS,^NS,[B]	--	7.0	--	11.4	--	8.3	--	--	9.0	9.0	--	9.5	9.1	15.5	11.8	--
Lead	mg/kg	3900^ 450[B]	--	7.0	--	123	--	8.6	--	--	8.3	8.3	--	9.4	9.0	11.2	8.5	--
Mercury	mg/kg	5.7,^ 0.73[B]	--	0.021 U	--	0.033	--	0.021 U	--	--	0.021 U	0.022 U	--	0.020 U	0.023 U	0.022 U	0.021 U	--
Selenium	mg/kg	6800^ 4,[B]	--	***4.2 U***	--	***4.6 U***	--	***4.6 U***	--	--	***4.5 U***	***4.3 U***	--	***4.6 U***	***4.9 U***	***4.4 U***	***4.9 U***	--
Silver	mg/kg	6800^ 8.3[B]	--	0.52 U	--	0.58 U	--	0.58 U	--	--	0.56 U	0.53 U	--	0.57 U	0.62 U	0.55 U	0.61 U	--
Volatile Organic Compounds																		
Acetone	µg/kg	1000000,^ 50[B]	***87***[B]	--	27 U	28 U	27 U	28 U	28 U	28 U	--	--	27 U	27 U	33 U	33 U	26 U	27 U
Benzene	µg/kg	89000^ 60[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Bromodichloromethane	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Bromoform (Tribromomethane)	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Bromomethane (Methyl bromide)	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Carbon Disulfide	µg/kg	1000000,[B]	20	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	44000^ 760[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1000000,^ 1100[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Chloroethane (Ethyl Chloride)	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Chloroform (Trichloromethane)	µg/kg	700000^ 370[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloromethane	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Cyclohexane	µg/kg	n/v	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	n/v	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dibromochloromethane	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichlorobenzene, 1,2-	µg/kg	1000000,^ 1100[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichlorobenzene, 1,3-	µg/kg	560000^ 2400[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichlorobenzene, 1,4-	µg/kg	250000^ 1800[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichlorodifluoromethane (Freon 12)	µg/kg	n/v	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloroethane, 1,1-	µg/kg	480000^ 270[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloroethane, 1,2-	µg/kg	60000^ 20,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloroethene, 1,1-	µg/kg	1000000,^ 330[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloroethylene, cis-1,2-	µg/kg	1000000,^ 250[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloroethylene, trans-1,2-	µg/kg	1000000,^ 190[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloropropane, 1,2-	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloropropene, cis-1,3-	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Dichloropropene, trans-1,3-	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Ethylbenzene	µg/kg	780000^ 1000[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Ethylene Dibromide (Dibromomethane, 1,2-)	µg/kg	n/v	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	1000000,[B]	30 U	--	27 U	28 U	27 U	28 U	28 U	28 U	--	--	27 U	22 U	23 U	23 U	20 U	27 U
Isopropylbenzene	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Methyl Acetate	µg/kg	n/v	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Methyl Ethyl Ketone (MEK)	µg/kg	1000000,^ 120[B]	30 U	--	27 U	28 U	27 U	28 U	28 U	28 U	--	--	27 U	22 U	23 U	23 U	20 U	27 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	1000000,[B]	30 U	--	27 U	28 U	27 U	28 U	28 U	28 U	--	--	27 U	22 U	23 U	23 U	20 U	27 U
Methyl tert-butyl ether (MTBE)	µg/kg	1000000,^ 930[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Methylcyclohexane	µg/kg	n/v	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Methylene Chloride (Dichloromethane)	µg/kg	1000000,^ 50[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.9 B
Styrene	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Tetrachloroethane, 1,1,2,2-	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Tetrachloroethylene (PCE)	µg/kg	3000000^ 1300[C]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Toluene	µg/kg	1000000,^ 700[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Trichlorobenzene, 1,2,4-	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Trichloroethane, 1,1,1-	µg/kg	1000000,^ 680[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Trichloroethane, 1,1,2-	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Trichloroethylene (TCE)	µg/kg	400000^ 470[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Trichlorofluoromethane (Freon 11)	µg/kg	n/v	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	1000000,[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Vinyl chloride	µg/kg	27000^ 20[B]	5.9 U	--	5.5 U	5.5 U	5.5 U	5.6 U	5.7 U	5.8 U	--	--	5.5 U	4.5 U	4.4 U	4.6 U	4.1 U	5.5 U
Xylenes, Total	µg/kg	1000000,^ 1600[C]	12 U	--	11 U	11 U	11 U	11 U	11 U	11 U	--	--	11 U	9.0 U	8.7 U	9.2 U	8.1 U	11 U
Volatile Tentatively Identified Compounds																		
Total VOC TICs	µg/kg	n/v	488 T J N	--	ND	268 T J N	ND	ND	7.5 T J N	9.8 T J N	--	--	ND	4.9 T J N	ND	ND	ND	ND

Notes:
6NYCRR NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
[A] NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Industry
[B] NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
Concentration exceeds the indicated standard.
15.2 Concentration was detected but did not exceed applicable standards.
0.50 U Laboratory estimated quantitation limit exceeded standard.
0.03 U The analyte was not detected above the laboratory estimated quantitation limit.
n/v No standard/guideline value.
- Parameter not analyzed / not available.
[C] No SCO has been established for this compound. No SCO has been established for total chromium, however, see standards for trivalent and hexavalent chromium.
[D] The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
[E] The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
[F] The SCOs for metals were capped at a maximum value of 10,000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
[G] For constituents where the calculated SCO was lower than the naturally occurring background concentration as determined by the DER/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for the use of the site.
This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 9.5-1.
B Indicates analyte was found in associated blank, as well as in the sample
J Indicates estimated value.
N Presumptive evidence of material
T Result is a tentatively identified compound (TIC) and an estimated value.
ND None detected
TAAM Test America Amherst, NY

Table 7
Summary of Surface Water Analytical Results
Detention Pond Investigation
Getinge Sourcing LLC
1777 East Henrietta Road, Rochester, New York

Sample Location			C-SW-1-W	C-SW-2-W	C-SW-3-W
Sample Date			21-May-13	21-May-13	21-May-13
Sample ID			C-SW-1-W	C-SW-2-W	C-SW-3-W
Sampling Company			STANTEC	STANTEC	STANTEC
Laboratory			TAAM	TAAM	TAAM
Laboratory Work Order			480387871	480387871	480387871
Laboratory Sample ID	Units	TOGS	480-38787-2	480-38787-3	480-38787-4
Volatile Organic Compounds					
Acetone	µg/L	n/v	10 U	10 U	10 U
Acrylonitrile	µg/L	n/v	5 0 U	5 0 U	5 0 U
Benzene	µg/L	10[A]	1 0 U	1 0 U	1 0 U
Bromodichloromethane	µg/L	n/v	1 0 U	1 0 U	1 0 U
Bromoform (Tribromomethane)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Bromomethane (Methyl bromide)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Carbon Disulfide	µg/L	n/v	1 0 U	1 0 U	1 0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Chlorobenzene (Monochlorobenzene)	µg/L	50[A]	1 0 U	1 0 U	1 0 U
Chlorobromomethane	µg/L	n/v	1 0 U	1 0 U	1 0 U
Chloroethane (Ethyl Chloride)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Chloroform (Trichloromethane)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Chloromethane	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dibromochloromethane	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dibromomethane (Methylene Bromide)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dichlorobenzene, 1,2-	µg/L	[A]κ	1 0 U	1 0 U	1 0 U
Dichlorobenzene, 1,4-	µg/L	[A]κ	1 0 U	1 0 U	1 0 U
Dichlorobutene, trans-1,4-	µg/L	n/v	5 0 U	5 0 U	5 0 U
Dichloroethane, 1,1-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dichloroethane, 1,2-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dichloroethene, 1,1-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dichloroethylene, cis-1,2-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dichloroethylene, trans-1,2-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dichloropropane, 1,2-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dichloropropene, cis-1,3-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Dichloropropene, trans-1,3-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Ethylbenzene	µg/L	150[A]	1 0 U	1 0 U	1 0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	n/v	5 0 U	5 0 U	5 0 U
Iodomethane	µg/L	n/v	1 0 U	1 0 U	1 0 U
Methyl Ethyl Ketone (MEK)	µg/L	n/v	10 U	10 U	10 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5 0 U	5 0 U	5 0 U
Methylene Chloride (Dichloromethane)	µg/L	200[A]	1 0 U	1 0 U	1 0 U
Styrene	µg/L	n/v	1 0 U	1 0 U	1 0 U
Tetrachloroethane, 1,1,1,2-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Tetrachloroethane, 1,1,2,2-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Tetrachloroethylene (PCE)	µg/L	1[A]	1 0 U	1 0 U	1 0 U
Toluene	µg/L	480[A]	1 0 U	1 0 U	1 0 U
Trichloroethane, 1,1,1-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Trichloroethane, 1,1,2-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Trichloroethylene (TCE)	µg/L	40[A]	1 0 U	1 0 U	1 0 U
Trichlorofluoromethane (Freon 11)	µg/L	n/v	1 0 U	1 0 U	1 0 U
Trichloropropane, 1,2,3-	µg/L	n/v	1 0 U	1 0 U	1 0 U
Vinyl Acetate	µg/L	n/v	5 0 U	5 0 U	5 0 U
Vinyl chloride	µg/L	n/v	1 0 U	1 0 U	1 0 U
Xylenes, Total	µg/L	590[A]w	2 0 U	2 0 U	2 0 U
Volatile Tentatively Identified Compounds					
Silanol, trimethyl-	µg/L	n/v	5.7 T J N	3.4 T J N	2.7 T J N
Total VOC TICs	µg/L	n/v	5.7	3.4	2.7

Notes:

TOGS	NYSDEC TOGS 1 1 1 October 22, 1993 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004) Ambient Water Quality Standards and Guidance Values, Division of Water Technical and Operational Guidance Series
[A]	TOGS 1 1 1 - Table 1 - Class D
6.5[A]	Concentration exceeds the indicated standard
15 2	Concentration was detected but did not exceed applicable standards
0.50 U	Laboratory estimated quantitation limit exceeded standard
0 03 U	The analyte was not detected above the laboratory estimated quantitation limit
n/v	No standard/guideline value
-	Parameter not analyzed / not available
κ	Applies to the sum of 1,2-,1,3- and 1,4-dichlorobenzene (50 ug/L)
w	Applies to the sum of 1,2-, 1,3- and 1,4-Xylene
J	Indicates estimated value
N	Presumptive evidence of material
T	Result is a tentatively identified compound (TIC) and an estimated value

Table 8
Summary of Groundwater Analytical Results
Detention Pond Investigation
Getinge Sourcing LLC
1777 East Henrietta Road, Rochester, New York

Sample Location			C-MW1-W		C-MW12-W	C-MW13-W	C-MW14-W	C-MW15-W	TRIP BLANK
Sample Date			21-May-13	21-May-13	21-May-13	21-May-13	22-May-13	21-May-13	21-May-13
Sample ID			C-MW1-W	C-MW1-W/D	C-MW12-W	C-MW13-W	C-MW14-W	C-MW15-W	C-TRIP BLANK-052113-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TAAM	TAAM	TAAM	TAAM	TAAM	TAAM	TAAM
Laboratory Work Order			480387871	480387871	480387871	480387871	480387871	480387871	480387871
Laboratory Sample ID			480-38787-8	480-38787-9	480-38787-6	480-38787-7	480-38787-10	480-38787-5	480-38787-1
Sample Type	Units	TOGS		Field Duplicate					Trip Blank
Volatile Organic Compounds									
Acetone	µg/L	50[A]	10 U	10 U	13	10 U	10 U	10 U	10 U
Acrylonitrile	µg/L	5[--B]	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U
Benzene	µg/L	1[B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Bromodichloromethane	µg/L	50[A]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Bromoform (Tribromomethane)	µg/L	50[A]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Bromomethane (Methyl bromide)	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Carbon Disulfide	µg/L	60[A]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Chlorobromomethane	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Chloroethane (Ethyl Chloride)	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Chloroform (Trichloromethane)	µg/L	7[B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Chloromethane	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0 04[B]	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***
Dibromochloromethane	µg/L	50[A]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dibromomethane (Methylene Bromide)	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dichlorobenzene, 1,4-	µg/L	3[B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dichlorobutene, trans-1 4-	µg/L	n/v	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U
Dichloroethane, 1,1-	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dichloroethane, 1,2-	µg/L	0 6[B]	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***
Dichloroethene, 1,1-	µg/L	5[--B]	1 1	1 3	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dichloroethylene, cis-1,2-	µg/L	5[--B]			1 0 U	2 7	1 3	1 0 U	1 0 U
Dichloroethylene, trans-1,2-	µg/L	5[--B]			1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dichloropropane, 1 2-	µg/L	1[B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Dichloropropene, cis-1,3-	µg/L	0 4[p B]	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***
Dichloropropene, trans-1 3-	µg/L	0 4[p B]	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***
Ethylbenzene	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0 0006[B]	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U
Iodomethane	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U
Methylene Chloride (Dichloromethane)	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Styrene	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Tetrachloroethane, 1,1,1 2-	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Tetrachloroethane, 1 1 2 2-	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Tetrachloroethylene (PCE)	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Toluene	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Trichloroethane 1 1 1-	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Trichloroethane, 1,1,2-	µg/L	1[B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Trichloroethylene (TCE)	µg/L	5[--B]	**2700[B]**	**2900[B]**	1 0 U	**14[B]**	**5.4[B]**	1 0 U	1 0 U
Trichlorofluoromethane (Freon 11)	µg/L	5[--B]	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Trichloropropane, 1,2,3-	µg/L	0 04[B]	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***	***1.0 U***
Vinyl Acetate	µg/L	n/v	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U	5 0 U
Vinyl chloride	µg/L	2[B]		1 0 U	1 0 U	1 0 U	1 0 U	1 0 U	1 0 U
Xylenes, Total	µg/L	5[--B]	2 0 U	2 0 U	2 0 U	2 0 U	2 0 U	2 0 U	2 0 U
Volatile Tentatively Identified Compounds									
1-Penten-3-yne	µg/L	n/v	22 T J N	-	-	-	-	-	-
Isopropyl alcohol	µg/L	n/v	-	-	-	-	-	-	33
Phosphine, ethyl-	µg/L	n/v	-	22 T J N	-	-	-	-	-
Silanol, trimethyl-	µg/L	n/v	-	-	3 3 T J N	-	-	-	-
Total VOC TICs	µg/L	n/v	22	22	3 3	ND	ND	ND	ND

Notes:

TOGS	NYSDEC TOGS 1 1 1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
[A]	TOGS 1 1 1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1 1 1); Guidance
[B]	TOGS 1 1 1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1 1 1); Standards
6.5[A]	Concentration exceeds the indicated standard
15 2	Concentration was detected but did not exceed applicable standards
0.50 U	Laboratory estimated quantitation limit exceeded standard
0 03 U	The analyte was not detected above the laboratory estimated quantitation limit
n/v	No standard/guideline value
-	Parameter not analyzed / not available
[--]	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance
[p]	Applies to the sum of cis- and trans-1,3-dichloropropene
E	Result exceeded calibration range
J	Indicates estimated value
N	Presumptive evidence of material
T	Result is a tentatively identified compound (TIC) and an estimated value

APPENDICES

Appendix A

Stantec

61 Commercial St
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B-8

Project:	Getinge	Drill Contractor:	Nothnagle	Start Date:	5/13/2013
Project #:	190500772	Driller:	Jeff Schwitzer	Completion Date:	5/13/2013
Client:	Getinge	Elevation:		Drilling Method:	Hammer drill powered direct push
Location:	1777 E. Henrietta Rd Rochester, NY	Weather:	Partly Cloudy, 40s°F	Supervisor:	S. Reynolds Smith

	SAMPLE				Soil Information	
0	PID	Rec.	No.	Depth	Remarks	
		2.1	1	0-4	Topsoil - silty, roots, wet	0.2
	0.6				Black silt and fine gravel, roots, wet	0.6
	6.4				Dark gray fine gravel with some silt, wet	1
					Dark gray clayey silt, possible petroleum product odor, wet	1.3
	0				Brown clayey silt, wet	2.1
					No recovery	
						4
		2.5	2	4-6.5	Brown clayey silt, little medium gravel, moist	
5	0.2					
	0.5					
		1.5	3	6.5-8		7
					Reddish brown clayey silt/fine sand, little medium gravel, moist	
	0.2				Bottom of hole at 8'	8
10						
15						
20						

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Stantec

61 Commercial St
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B-9

Project:	Getinge	Drill Contractor:	Nothnagle	Start Date:	5/13/2013
Project #:	190500772	Driller:	Jeff Schwitzer	Completion Date:	5/13/2013
Client:	Getinge	Elevation:		Drilling Method:	Hammer drill powered direct push
Location:	1777 E. Henrietta Rd Rochester, NY	Weather:	Partly Cloudy, 40s°F	Supervisor:	S. Reynolds Smith

	SAMPLE				Soil Information	
0	PID	Rec.	No.	Depth	Remarks	
		2.3	1	0-4	Dark brown silty topsoil, dry	0.3
					Dark brown silt, trace clay, moist	1
					Brown coarse sand and fine gravel, wet	
	0					1.7
	12				Dark brown fine gravel, possible sheen, odor (probably petroleum product), wet	2.3
					No recovery	
						4
		2	2	4-6	Brown clayey silt, little fine to medium gravel, moist	
5	0.2					
	0.4				End of hole at 6'	6
10						
15						
20						

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Stantec

61 Commercial St
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B-10

Project:	Getinge	Drill Contractor:	Nothnagle	Start Date:	5/13/2013
Project #:	190500772	Driller:	Jeff Schwitzer	Completion Date:	5/13/2013
Client:	Getinge	Elevation:		Drilling Method:	Hammer drill powered direct push
Location:	1777 E. Henrietta Rd Rochester, NY	Weather:	Partly Cloudy, 40s°F	Supervisor:	S. Reynolds Smith

	SAMPLE				Soil Information	
0	PID	Rec.	No.	Depth	Remarks	
		3.4	1	0-4	Dark brown to brown peatey topsoil, wet	0.2
					Brown silt, some black and yellow mottling, moist	
	0.3					1.2
					Reddish brown clayey silt, little medium gravel, trace coarse gravel, moist	
	0.2					3.4
					No recovery	
		2	2	4-6	Reddish brown clayey silt, trace fine gravel, little yellow mottling, moist	
5						
	0.2					6
		2.5	3	6-8	As above grading to reddish brown clayey fine sand/silt, few fine to medium gravel, moist	
	0.3				Bottom of hole at 8'	8
10						
15						
20						

Getinge Confidential Information

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Stantec

61 Commercial St
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B-11

Project:	Getinge	Drill Contractor:	Nothnagle	Start Date:	5/13/2013
Project #:	190500772	Driller:	Jeff Schwitzer	Completion Date:	5/13/2013
Client:	Getinge	Elevation:		Drilling Method:	Hammer drill powered direct push
Location:	1777 E. Henrietta Rd Rochester, NY	Weather:	Partly Cloudy, 40s°F	Supervisor:	S. Reynolds Smith

0	SAMPLE PID	Rec.	No.	Depth	Soil Information Remarks	
	0.3	1.9	1	0-4	Dark brown peatey topsoil, roots, wet	0.2
	1.2				Brown clayey silt, some black staining, wet	0.4
	0.6				Reddish brown clayey silt, few fine to medium gravel, some yellow mottling, moist	
	0.2					
		2	2	4-6		
5						
	0.2				Bottom of hole at 6'	6
10						
15						
20						

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Stantec

61 Commercial St
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B/MW-12

Project:	Getinge	Drill Contractor:	Nothnagle	Start Date:	5/14/2013
Project #:	190500772	Driller:	Jeff Schwitzer	Completion Date:	5/14/2013
Client:	Getinge	Elevation:		Drilling Method:	Geoprobe
Location:	1777 E. Henrietta Rd Rochester, NY	Weather:	Mostly sunny, 40s°F	Supervisor:	S. Reynolds Smith

0	SAMPLE PID	Rec.	No.	Depth	Soil Information / Remarks
		3.4	1	0-4	Brown silt, trace clay, roots at 0'-0.5', dry
	0				
	0.2				
		3.5	2	4-8	
5					5.1
	0.3				Orangish-brown clayey fine sand and silt, dry
					6.2
					Reddish brown fine sand/silt, moist 6.6
					Yellow silty clay, dry 6.9
	0				Reddish brown clayey silt/fine sand, trace fine gravel, orange mottling, moist
					8
	0.1	2.4	3	8-12	Reddish brown clayey silt, trace fine to medium gravel, moist
10	0				
		>2	4	12-14	
	0.2				
		>2	5	14-16	
15					14.4
					Purplish brown clayey silt, trace fine to medium gravel, moist
	0.1				
		2.5	6	16-18.5	
					16.8
					Purplish brown clayey fine sand, little fine to medium gravel, moist-wet
					18.2
	0				Purplish brown silt, trace clay, moist 18.5
					Bottom of hole at 18.5'
20					

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Stantec

OVERBURDEN MONITORING WELL

DESIGN DETAILS

PROJECT NAME Getinge
PROJECT NUMBER 190500772
CLIENT Getinge
LOCATION 1777 E. Henrietta Rd
Rochester, NY

HOLE DESIGNATION **MW-12**
DATE COMPLETED 5/14/2013
DRILLING METHOD Geoprobe
SUPERVISOR S. Reynolds Smith

NOTE:
ALL DIMENSIONS ARE
BELOW GROUND SURFACE (BGS)

SURFACE SEAL TYPE flushmount

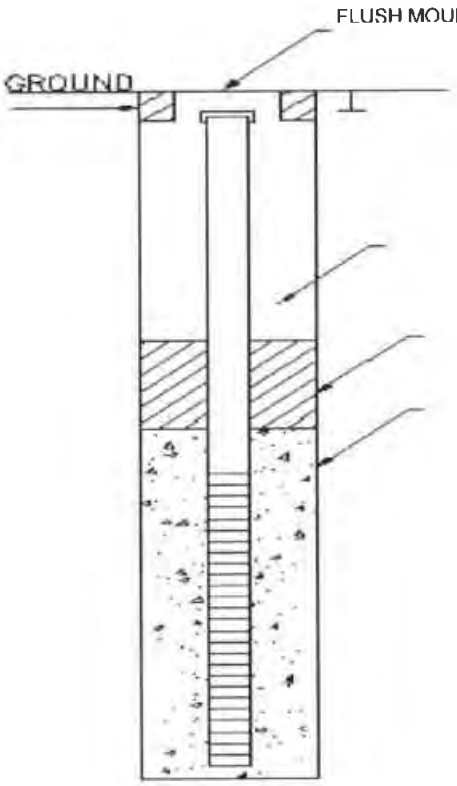
TOP OF SEAL @ 0 ft

BOTTOM OF SEAL @ 5 ft

TOP OF SCREEN @ 8.5 ft

BOTTOM OF SCREEN @ 18.5 ft

BOTTOM OF HOLE @ 18.5 ft



RISER RECESS ____ ft

WELL CASING
ANNULUS BACKFILL
TYPE: ____
SEAL TYPE: bentonite

PACK TYPE:
SAND, SIZE ____

SCREEN TYPE: CONTINUOUS SLOT X PERFORATED ____ LOUVRE ____ OTHER ____

SCREEN MATERIAL: STAINLESS STEEL ____ PVC x OTHER ____

SCREEN LENGTH: 10 ft SCREEN DIAMETER 1 in SCREEN SLOT SIZE: 0.010

WELL CASING MATERIAL: PVC WELL CASING DIAMETER: 1 in

HOLE DIAMETER: 2"

Stantec

61 Commercial St
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B/MW-13

Project:	Getinge	Drill Contractor:	Nothnagle	Start Date:	5/14/2013
Project #:	190500772	Driller:	Jeff Schwitzer	Completion Date:	5/14/2013
Client:	Getinge	Elevation:		Drilling Method:	Geoprobe
Location:	1777 E. Henrietta Rd Rochester, NY	Weather:	Mostly sunny, 40s°F	Supervisor:	S. Reynolds Smith

	SAMPLE				Soil Information	
0	PID	Rec.	No.	Depth	Remarks	
		3.4	1	0-4	Brown silty topsoil, roots, dry	0.4
	0.3				Brown silt and medium to coarse gravel, dry	1
					Dark brown silty clay, dry	1.7
					Yellowish brown grading to brown clayey silt/fine sand, dry	3.2
	0				Brown clayey fine sand/silt, few fine to medium gravel	
		3.8	2	4-8		
5	0					5.6
					Reddish brown clayey fine sand, trace fine gravel, orange mottling, moist	
	0.2					8
		2.3	3	8-12	Reddish brown clayey fine sand/silt, trace fine gravel, orange mottling, moist	
10						
	0.3					
		2	4	12-15		
15	0.1				Bottom of hole at 15'	15
20						

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Stantec

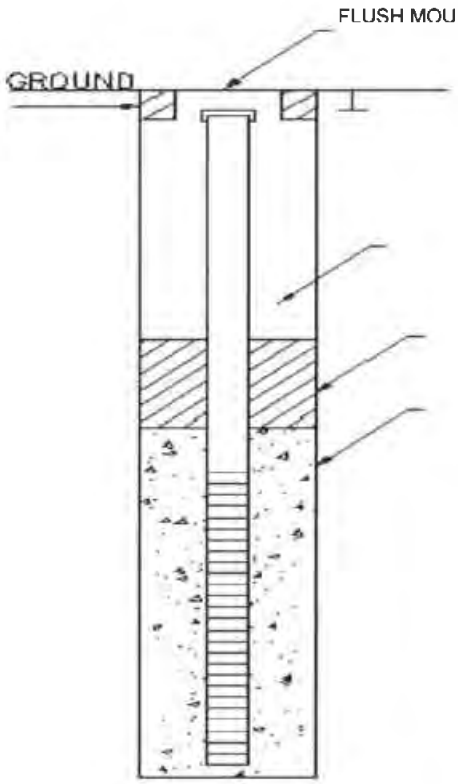
OVERBURDEN MONITORING WELL

DESIGN DETAILS

PROJECT NAME Getinge
PROJECT NUMBER 190500772
CLIENT Getinge
LOCATION 1777 E. Henrietta Rd
Rochester, NY

HOLE DESIGNATION **MW-13**
DATE COMPLETED 5/14/2013
DRILLING METHOD Geoprobe
SUPERVISOR S. Reynolds Smith

NOTE:
ALL DIMENSIONS ARE
BELOW GROUND SURFACE (BGS)



SURFACE SEAL TYPE flushmount

RISER RECESS ____ ft

WELL CASING
ANNULUS BACKFILL
TYPE: ____
SEAL TYPE: bentonite

TOP OF SEAL @ 0 ft

BOTTOM OF SEAL @ 3 ft

PACK TYPE:
SAND, SIZE ____

TOP OF SCREEN @ 4.5 ft

BOTTOM OF SCREEN @ 14.5 ft

BOTTOM OF HOLE @ 15 ft

SCREEN TYPE: CONTINUOUS SLOT X PERFORATED ____ LOUVRE ____ OTHER ____

SCREEN MATERIAL: STAINLESS STEEL ____ PVC _x_ OTHER ____

SCREEN LENGTH: 10 ft SCREEN DIAMETER 1 in SCREEN SLOT SIZE: 0.010

WELL CASING MATERIAL: PVC WELL CASING DIAMETER: 1 in

HOLE DIAMETER: 2"

Stantec

61 Commercial St
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B/MW-14

Project:	Getinge	Drill Contractor:	Nothnagle	Start Date:	5/14/2013
Project #:	190500772	Driller:	Jeff Schwitzer	Completion Date:	5/14/2013
Client:	Getinge	Elevation:		Drilling Method:	Geoprobe
Location:	1777 E. Henrietta Rd Rochester, NY	Weather:	Mostly sunny, 40s°F	Supervisor:	S. Reynolds Smith

	SAMPLE				Soil Information Remarks	
0	PID	Rec.	No.	Depth		
		2.6	1	0-4	Brown silt, coarse gravel at 1.4'-1.6', roots at 0'-0.1', wood and roots at 0.4'-0.5', dry	
	0.2					2.6
					No recovery	4
		3.4	2	4-8	Brown silt, trace clay, dry and becoming moist at 6.5'	
5	0					
	0.1					7.3
					No recovery	8
		2.2	3	8-12	Reddish brown clayey fine sand/silt, trace fine gravel, yellow mottling, moist	8.8
					Reddish brown silty clay, pink and gray mottling, dry-moist	9.1
10					Reddish brown clayey silt, little medium to coarse gravel, moist	
	0.3					
	0	>3	4	12-15		
	0.1					
15						
		~3	5	15-18		
					Bottom of hole at 18'	18
20						

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Stantec

OVERBURDEN MONITORING WELL

DESIGN DETAILS

PROJECT NAME Getinge
PROJECT NUMBER 190500772
CLIENT Getinge
LOCATION 1777 E. Henrietta Rd
Rochester, NY

HOLE DESIGNATION **MW-14**
DATE COMPLETED 5/14/2013
DRILLING METHOD Geoprobe
SUPERVISOR S. Reynolds Smith

NOTE:
ALL DIMENSIONS ARE
BELOW GROUND SURFACE (BGS)

SURFACE SEAL TYPE flushmount

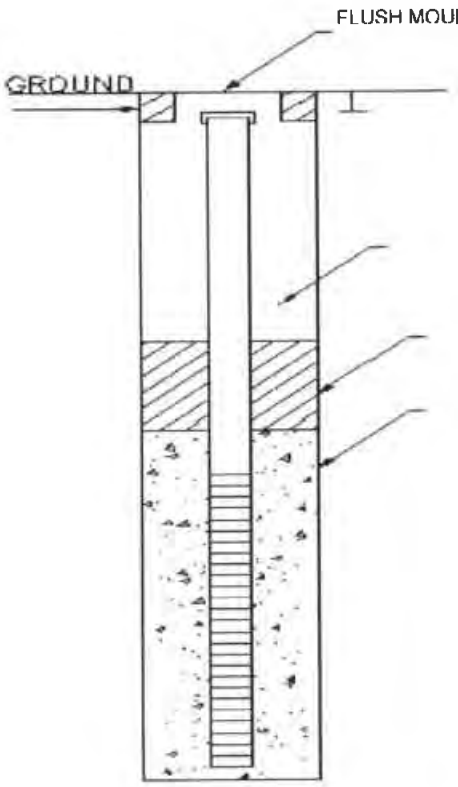
TOP OF SEAL @ 0 ft

BOTTOM OF SEAL @ 1 ft

TOP OF SCREEN @ 6 ft

BOTTOM OF SCREEN @ 16 ft

BOTTOM OF HOLE @ 18 ft



RISER RECESS ft

WELL CASING
ANNULUS BACKFILL
TYPE:
SEAL TYPE: bentonite

PACK TYPE:
SAND, SIZE

SCREEN TYPE: CONTINUOUS SLOT X PERFORATED LOUVRE OTHER

SCREEN MATERIAL: STAINLESS STEEL PVC x OTHER

SCREEN LENGTH: 10 ft SCREEN DIAMETER 1 in SCREEN SLOT SIZE: 0.010

WELL CASING MATERIAL: PVC WELL CASING DIAMETER: 1 in

HOLE DIAMETER: 2"

Stantec

61 Commercial St
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B/MW-15

Project:	Getinge	Drill Contractor:	Nothnagle	Start Date:	5/14/2013
Project #:	190500772	Driller:	Jeff Schwitzer	Completion Date:	5/14/2013
Client:	Getinge	Elevation:		Drilling Method:	Geoprobe
Location:	1777 E. Henrietta Rd Rochester, NY	Weather:	Mostly sunny, 40s°F	Supervisor:	S. Reynolds Smith

0	SAMPLE PID	Rec.	No.	Depth	Soil Information Remarks	
		2.9	1	0-4	Brown silt, trace fine gravel, roots at 0'-0.4', trace roots at 0.4'-1.6', dry	
						1.6
	0.6				Reddish brown clayey silt, few medium gravel, dry	
	0.4					2.9
					No recovery	
						4
	0.7	0.2	2	4-8	Recovery reddish brown clayey silt/fine sand, cobble in shoe, moist	4.2
5					no recovery	
						8
		3.2	3	8-12	Brown clayey fine sand/silt, trace fine to coarse gravel, yellow mottling, moist	
	0.7					8.8
					Reddish brown clayey silt, little fine to medium gravel, moist	
10						
	1					
						12
	0.4	2	4	12-14	Reddish brown fine sand/silt, moist	
	0.9					14
	0.2	2	5	14-16	Reddish brown clayey silt, little fine to coarse gravel, moist	
15						
	0.3					16
	0.6	2	6	16-18	Purplish brown clayey fine sand/silt, little fine to medium gravel, moist	
	0.3					
		2	7	18-21		
20						
21	0.1				Bottom of hole at 21'	21

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Stantec

OVERBURDEN MONITORING WELL

DESIGN DETAILS

PROJECT NAME Getinge
PROJECT NUMBER 190500772
CLIENT Getinge
LOCATION 1777 E. Henrietta Rd
Rochester, NY

HOLE DESIGNATION **MW-15**
DATE COMPLETED 5/14/2013
DRILLING METHOD Geoprobe
SUPERVISOR S. Reynolds Smith

NOTE:
ALL DIMENSIONS ARE
BELOW GROUND SURFACE (BGS)

SURFACE SEAL TYPE flushmount

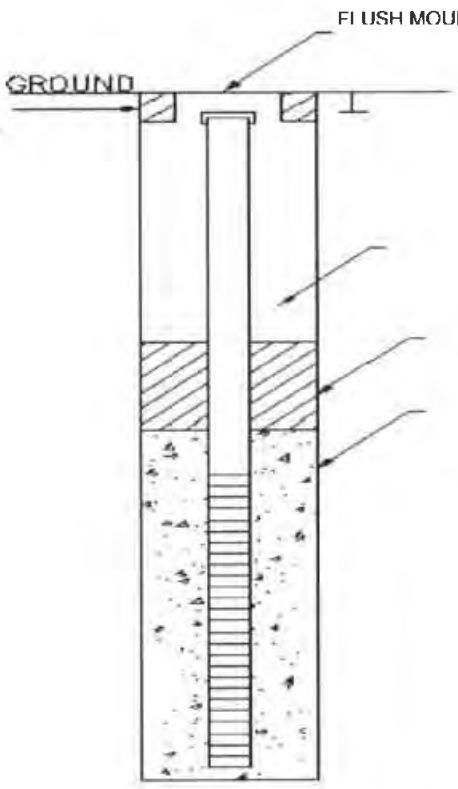
TOP OF SEAL @ 0 ft

BOTTOM OF SEAL @ 8 ft

TOP OF SCREEN @ 9 ft

BOTTOM OF SCREEN @ 19 ft

BOTTOM OF HOLE @ 21 ft



RISER RECESS ____ ft

WELL CASING
ANNULUS BACKFILL
TYPE: ____
SEAL TYPE: bentonite

PACK TYPE:
SAND, SIZE ____

SCREEN TYPE: CONTINUOUS SLOT X ____ PERFORATED ____ LOUVRE ____ OTHER ____

SCREEN MATERIAL: STAINLESS STEEL ____ PVC _x_ OTHER ____

SCREEN LENGTH: 10 ft SCREEN DIAMETER 1 in SCREEN SLOT SIZE: 0.010

WELL CASING MATERIAL: PVC WELL CASING DIAMETER: 1 in

HOLE DIAMETER: 2"

Appendix B

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-38260-1
Client Project/Site: *Confidential*
Revision: 1

For:
Stantec Consulting Services Inc
61 Commercial Street
Rochester, New York 14614

Attn: Mr. Michael Storonsky

Eberry

Authorized for release by:
5/30/2013 4:42:43 PM
Eve Berry, Project Administrator
eve.berry@testamericainc.com

Designee for

Ryan VanDette, Project Manager I
ryan.vandette@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 8
Surrogate Summary 28
QC Sample Results 29
QC Association Summary 38
Lab Chronicle 41
Certification Summary 46
Method Summary 47
Sample Summary 48
Chain of Custody 49
Receipt Checklists 51

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

Glossary

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

Job ID: 480-38260-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-38260-1

Comments
No additional comments.

Receipt
The samples were received on 5/14/2013 3:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.4° C.

Except:

This report has been revised to include samples that were previously on hold.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 119331 were outside control limits for several compounds. The associated laboratory control sample (LCS) recovery met acceptance criteria.C-B9-S (480-38260-4 MS), C-B9-S (480-38260-4 MSD)

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 119331 was outside control limits.

Method(s) 8260B: The method blank associated with batch 120529 contained Methylene Chloride, a common lab contaminant, greater than the reporting limit (RL). The data have been qualified and reported. (MB 480-120529/27)

Method(s) 8260B: Reported analyte concentrations in samples SB-BR-03 (10-11.8') (480-38874-7) are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: C-B8-S (480-38260-1). Evidence of matrix interferences is not obvious.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The Serial Dilution (480-38260-2 SD) in batch 480-118710, exhibited a result outside the quality control limits for total barium. However, the Post Digestion Spike was compliant so no corrective action was necessary

Method(s) 6010B: The Matrix Spike Duplicate (C-B8-S2 (480-38260-2 MSD)) recovery for total barium in batch 480-118710 was outside control limits. Sample matrix is suspected. The associated Laboratory Control Sample (LCS) met acceptance criteria, therefore no corrective action was necessary.

Method(s) 6010B: The Matrix Spike/ Matrix Spike Duplicate (C-B9-S (480-38260-4 MS), C-B9-S (480-38260-4 MSD)) recoveries for total lead in batch 480-118710 were outside control limits. The Matrix Spike Duplicate was also outside the quality control limits for total barium. Sample matrix is suspected. The associated Laboratory Control Sample (LCS) met acceptance criteria, therefore no corrective action was necessary.

No other analytical or quality issues were noted.

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Client Sample ID: C-B8-S — Lab Sample ID: 480-38260-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	97		30		ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	20		5 9		ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: C-B8-S2 — Lab Sample ID: 480-38260-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3 4		2.1		mg/Kg	1	☼	6010B	Total/NA
Barium	35 3		0 52		mg/Kg	1	☼	6010B	Total/NA
Chromium	7.0		0.52		mg/Kg	1	☼	6010B	Total/NA
Lead	7 0		1.0		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: C-B8-S3 — Lab Sample ID: 480-38260-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.6		5.5		ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: C-B9-S — Lab Sample ID: 480-38260-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4 6		2.3		mg/Kg	1	☼	6010B	Total/NA
Barium	58.1		0 58		mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.3		0 23		mg/Kg	1	☼	6010B	Total/NA
Chromium	11 4		0.58		mg/Kg	1	☼	6010B	Total/NA
Lead	123		1 2		mg/Kg	1	☼	6010B	Total/NA
Mercury	0.033		0 024		mg/Kg	1	☼	7471A_ASP	Total/NA

Client Sample ID: C-B9-S2 — Lab Sample ID: 480-38260-5

No Detections.

Client Sample ID: C-B10-S — Lab Sample ID: 480-38260-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.9		2.3		mg/Kg	1	☼	6010B	Total/NA
Barium	41.3		0.58		mg/Kg	1	☼	6010B	Total/NA
Chromium	8.3		0.58		mg/Kg	1	☼	6010B	Total/NA
Lead	8.6		1 2		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: C-B11-S — Lab Sample ID: 480-38260-7

No Detections

Client Sample ID: C-B11-S/D — Lab Sample ID: 480-38260-8

No Detections

Client Sample ID: C-B11-S2 — Lab Sample ID: 480-38260-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3 4		2.2		mg/Kg	1	☼	6010B	Total/NA
Barium	58.1		0.56		mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-B11-S2 (Continued)

Lab Sample ID: 480-38260-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0 22		0 22		mg/Kg	1	☼	6010B	Total/NA
Chromium	9.0		0.56		mg/Kg	1	☼	6010B	Total/NA
Lead	8.3		1.1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: C-B11-S2/D

Lab Sample ID: 480-38260-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		2.1		mg/Kg	1	☼	6010B	Total/NA
Barium	55.4		0.53		mg/Kg	1	☼	6010B	Total/NA
Chromium	9.0		0.53		mg/Kg	1	☼	6010B	Total/NA
Lead	8.3		1.1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: C-B11-S3

Lab Sample ID: 480-38260-11

No Detections

Client Sample ID: C-B12-S

Lab Sample ID: 480-38260-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3 5		2.3		mg/Kg	1	☼	6010B	Total/NA
Barium	54 4		0.57		mg/Kg	1	☼	6010B	Total/NA
Chromium	9.5		0.57		mg/Kg	1	☼	6010B	Total/NA
Lead	9 4		1.1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: C-B13-S

Lab Sample ID: 480-38260-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.2		2.5		mg/Kg	1	☼	6010B	Total/NA
Barium	45 1		0.62		mg/Kg	1	☼	6010B	Total/NA
Chromium	9 1		0.62		mg/Kg	1	☼	6010B	Total/NA
Lead	9 0		1.2		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: C-B14-S

Lab Sample ID: 480-38260-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4 2		2 2		mg/Kg	1	☼	6010B	Total/NA
Barium	74.0		0 55		mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.29		0.22		mg/Kg	1	☼	6010B	Total/NA
Chromium	15 5		0.55		mg/Kg	1	☼	6010B	Total/NA
Lead	11 2		1 1		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: C-B15-S

Lab Sample ID: 480-38260-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.3		2.5		mg/Kg	1	☼	6010B	Total/NA
Barium	76 3		0.61		mg/Kg	1	☼	6010B	Total/NA
Chromium	11 8		0 61		mg/Kg	1	☼	6010B	Total/NA
Lead	8.5		1.2		mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: C-B15-S2

Lab Sample ID: 480-38260-16

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-B15-S2 (Continued) **Lab Sample ID: 480-38260-16**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	5.9	B	5.5		ug/Kg	1	☼	8260B	Total/NA

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Client Sample ID: C-B8-S
Date Collected: 05/13/13 09:28
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-1
Matrix: Solid
Percent Solids: 75.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,1,2,2-Tetrachloroethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,1,2-Trichloroethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,1-Dichloroethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,1-Dichloroethene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,2,4-Trichlorobenzene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,2-Dibromo-3-Chloropropane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,2-Dibromoethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,2-Dichlorobenzene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,2-Dichloroethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,2-Dichloropropane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,3-Dichlorobenzene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
1,4-Dichlorobenzene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
2-Hexanone	ND		30		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
2-Butanone (MEK)	ND		30		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
4-Methyl-2-pentanone (MIBK)	ND		30		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Acetone	**97**		30		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Benzene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Bromodichloromethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Bromoform	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Bromomethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Carbon disulfide	**20**		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Carbon tetrachloride	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Chlorobenzene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Dibromochloromethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Chloroethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Chloroform	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Chloromethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
cis-1,2-Dichloroethene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
cis-1,3-Dichloropropene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Cyclohexane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Dichlorodifluoromethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Ethylbenzene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Isopropylbenzene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Methyl acetate	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Methyl tert-butyl ether	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Methylcyclohexane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Methylene Chloride	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Styrene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Tetrachloroethene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Toluene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
trans-1,2-Dichloroethene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
trans-1,3-Dichloropropene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Trichloroethene	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Trichlorofluoromethane	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Vinyl chloride	ND		5.9		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1
Xylenes, Total	ND		12		ug/Kg	☼	05/16/13 11:29	05/18/13 00:44	1

Client Sample ID: C-B8-S

Date Collected: 05/13/13 09:28
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-1
Matrix: Solid
Percent Solids: 75.6

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
4-Octen-3-one	28	T J N	ug/Kg	☼	8.90	14129-48-7	05/16/13 11:29	05/18/13 00:44	1
Nonane, 3-methyl-	42	T J N	ug/Kg	☼	9.00	5911-4-6	05/16/13 11:29	05/18/13 00:44	1
Octane, 2,3-dimethyl-	74	T J N	ug/Kg	☼	9.16	7146-60-3	05/16/13 11:29	05/18/13 00:44	1
Cyclohexane, 1,2,3-trimethyl-, (1 alpha	42	T J N	ug/Kg	☼	9.25	1839-88-9	05/16/13 11:29	05/18/13 00:44	1
Cyclopentane, 1-hydroxymethyl-1,3-dimeth	50	T J N	ug/Kg	☼	9.79	1000156-73-8	05/16/13 11:29	05/18/13 00:44	1
Cyclohexane, (2-methylpropyl)-	25	T J N	ug/Kg	☼	9.95	1678-98-4	05/16/13 11:29	05/18/13 00:44	1
Octane, 4-methyl-	30	T J N	ug/Kg	☼	10.05	2216-34-4	05/16/13 11:29	05/18/13 00:44	1
Cyclopentylcyclohexane	52	T J N	ug/Kg	☼	10.46	1606-8-2	05/16/13 11:29	05/18/13 00:44	1
Naphthalene, decahydro-	99	T J N	ug/Kg	☼	10.97	91-17-8	05/16/13 11:29	05/18/13 00:44	1
trans-Decalin, 2-methyl-	47	T J N	ug/Kg	☼	11.50	1000152-47-3	05/16/13 11:29	05/18/13 00:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	134	X	64 - 126	05/16/13 11:29	05/18/13 00:44	1
Toluene-d8 (Surr)	101		71 - 125	05/16/13 11:29	05/18/13 00:44	1
4-Bromofluorobenzene (Surr)	102		72 - 126	05/16/13 11:29	05/18/13 00:44	1

Client Sample ID: C-B8-S2

Date Collected: 05/13/13 09:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-2
Matrix: Solid
Percent Solids: 90.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.1		mg/Kg	☼	05/15/13 16:00	05/17/13 20:31	1
Barium	35.3		0.52		mg/Kg	☼	05/15/13 16:00	05/17/13 20:31	1
Cadmium	ND		0.21		mg/Kg	☼	05/15/13 16:00	05/17/13 20:31	1
Chromium	7.0		0.52		mg/Kg	☼	05/15/13 16:00	05/17/13 20:31	1
Lead	7.0		1.0		mg/Kg	☼	05/15/13 16:00	05/17/13 20:31	1
Selenium	ND		4.2		mg/Kg	☼	05/15/13 16:00	05/17/13 20:31	1
Silver	ND		0.52		mg/Kg	☼	05/15/13 16:00	05/17/13 20:31	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg	☼	05/16/13 09:00	05/16/13 12:05	1

Client Sample ID: C-B8-S3

Date Collected: 05/13/13 09:35
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-3
Matrix: Solid
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,1,2,2-Tetrachloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,1,2-Trichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,1-Dichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,1-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,2,4-Trichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,2-Dibromo-3-Chloropropane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,2-Dibromoethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Client Sample ID: C-B8-S3
Date Collected: 05/13/13 09:35
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-3
Matrix: Solid
Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,2-Dichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,2-Dichloropropane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,3-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
1,4-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
2-Hexanone	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
2-Butanone (MEK)	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
4-Methyl-2-pentanone (MIBK)	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Acetone	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Benzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Bromodichloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Bromoform	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Bromomethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Carbon disulfide	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Carbon tetrachloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Chlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Dibromochloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Chloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Chloroform	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Chloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
cis-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
cis-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Cyclohexane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Dichlorodifluoromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Ethylbenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Isopropylbenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Methyl acetate	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Methyl tert-butyl ether	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Methylcyclohexane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Methylene Chloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Styrene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Tetrachloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Toluene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
trans-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
trans-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Trichloroethene	**5.6**		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Trichlorofluoromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Vinyl chloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1
Xylenes, Total	ND		11		ug/Kg	☼	05/24/13 15:37	05/25/13 02:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/24/13 15:37*	*05/25/13 02:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*05/24/13 15:37*	*05/25/13 02:17*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*05/24/13 15:37*	*05/25/13 02:17*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*05/24/13 15:37*	*05/25/13 02:17*	*1*

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Client Sample ID: C-B9-S
Date Collected: 05/13/13 10:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-4
Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,1,2,2-Tetrachloroethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,1,2-Trichloroethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,1-Dichloroethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,1-Dichloroethene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,2,4-Trichlorobenzene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,2-Dibromo-3-Chloropropane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,2-Dibromoethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,2-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,2-Dichloroethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,2-Dichloropropane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,3-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
1,4-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
2-Hexanone	ND		28		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
2-Butanone (MEK)	ND		28		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
4-Methyl-2-pentanone (MIBK)	ND		28		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Acetone	ND		28		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Benzene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Bromodichloromethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Bromoform	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Bromomethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Carbon disulfide	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Carbon tetrachloride	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Chlorobenzene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Dibromochloromethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Chloroethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Chloroform	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Chloromethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
cis-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
cis-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Cyclohexane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Dichlorodifluoromethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Ethylbenzene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Isopropylbenzene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Methyl acetate	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Methyl tert-butyl ether	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Methylcyclohexane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Methylene Chloride	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Styrene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Tetrachloroethene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Toluene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
trans-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
trans-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Trichloroethene	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Trichlorofluoromethane	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Vinyl chloride	ND		5.5		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1
Xylenes, Total	ND		11		ug/Kg	☼	05/16/13 11:29	05/17/13 23:27	1

Client Sample ID: C-B9-S

Date Collected: 05/13/13 10:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-4
Matrix: Solid
Percent Solids: 84.0

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Cyclohexane, 2-propenyl-	34	T J N	ug/Kg	☼	10 48	2114-42-3	05/16/13 11:29	05/17/13 23:27	1
Naphthalene, decahydro-, trans-	57	T J N	ug/Kg	☼	10.97	493-2-7	05/16/13 11:29	05/17/13 23:27	1
Dodeca-1,6-dien-12-ol, 6,10-dimethyl-	36	T J N	ug/Kg	☼	11 51	1000156-13-8	05/16/13 11:29	05/17/13 23:27	1
Cyclododecane	30	T J N	ug/Kg	☼	12 40	294-62-2	05/16/13 11:29	05/17/13 23:27	1
Tridecane, 7-methyl-	45	T J N	ug/Kg	☼	12 45	26730-14-3	05/16/13 11:29	05/17/13 23:27	1
6-Tridecene, 7-methyl-	38	T J N	ug/Kg	☼	12 88	24949-42-6	05/16/13 11:29	05/17/13 23:27	1
Heptadecane, 2,6,10,15-tetramethyl-	28	T J N	ug/Kg	☼	13 38	54833-48-6	05/16/13 11:29	05/17/13 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		64 - 126	05/16/13 11:29	05/17/13 23:27	1
Toluene-d8 (Surr)	99		71 - 125	05/16/13 11:29	05/17/13 23:27	1
4-Bromofluorobenzene (Surr)	105		72 - 126	05/16/13 11:29	05/17/13 23:27	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		2 3		mg/Kg	☼	05/15/13 16:00	05/17/13 20:43	1
Barium	58.1		0.58		mg/Kg	☼	05/15/13 16:00	05/17/13 20:43	1
Cadmium	1.3		0 23		mg/Kg	☼	05/15/13 16:00	05/17/13 20:43	1
Chromium	11.4		0 58		mg/Kg	☼	05/15/13 16:00	05/17/13 20:43	1
Lead	123		1.2		mg/Kg	☼	05/15/13 16:00	05/17/13 20:43	1
Selenium	ND		4 6		mg/Kg	☼	05/15/13 16:00	05/17/13 20:43	1
Silver	ND		0 58		mg/Kg	☼	05/15/13 16:00	05/17/13 20:43	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.024		mg/Kg	☼	05/16/13 09:00	05/16/13 12:12	1

Client Sample ID: C-B9-S2

Date Collected: 05/13/13 10:39
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-5
Matrix: Solid
Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,1,2,2-Tetrachloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,1,2-Trichloroethane	ND		5 5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,1-Dichloroethane	ND		5 5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,1-Dichloroethene	ND		5 5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,2,4-Trichlorobenzene	ND		5 5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,2-Dibromo-3-Chloropropane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,2-Dibromoethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,2-Dichlorobenzene	ND		5 5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,2-Dichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,2-Dichloropropane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,3-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
1,4-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
2-Hexanone	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
2-Butanone (MEK)	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
4-Methyl-2-pentanone (MIBK)	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1

Client Sample ID: C-B9-S2
Date Collected: 05/13/13 10:39
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-5
Matrix: Solid
Percent Solids: 88.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Benzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Bromodichloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Bromoform	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Bromomethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Carbon disulfide	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Carbon tetrachloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Chlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Dibromochloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Chloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Chloroform	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Chloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
cis-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
cis-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Cyclohexane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Dichlorodifluoromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Ethylbenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Isopropylbenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Methyl acetate	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Methyl tert-butyl ether	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Methylcyclohexane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Methylene Chloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Styrene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Tetrachloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Toluene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
trans-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
trans-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Trichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Trichlorofluoromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Vinyl chloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1
Xylenes, Total	ND		11		ug/Kg	☼	05/24/13 15:37	05/25/13 02:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/24/13 15:37*	*05/25/13 02:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 126*	*05/24/13 15:37*	*05/25/13 02:42*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*05/24/13 15:37*	*05/25/13 02:42*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*05/24/13 15:37*	*05/25/13 02:42*	*1*

Client Sample ID: C-B10-S
Date Collected: 05/13/13 11:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-6
Matrix: Solid
Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,1,2,2-Tetrachloroethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,1,2-Trichloroethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1

Client Sample ID: C-B10-S
Date Collected: 05/13/13 11:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-6
Matrix: Solid
Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,1-Dichloroethene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,2,4-Trichlorobenzene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,2-Dibromo-3-Chloropropane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,2-Dibromoethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,2-Dichlorobenzene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,2-Dichloroethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,2-Dichloropropane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,3-Dichlorobenzene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
1,4-Dichlorobenzene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
2-Hexanone	ND		28		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
2-Butanone (MEK)	ND		28		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
4-Methyl-2-pentanone (MIBK)	ND		28		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Acetone	ND		28		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Benzene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Bromodichloromethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Bromoform	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Bromomethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Carbon disulfide	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Carbon tetrachloride	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Chlorobenzene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Dibromochloromethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Chloroethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Chloroform	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Chloromethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
cis-1,2-Dichloroethene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
cis-1,3-Dichloropropene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Cyclohexane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Dichlorodifluoromethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Ethylbenzene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Isopropylbenzene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Methyl acetate	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Methyl tert-butyl ether	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Methylcyclohexane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Methylene Chloride	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Styrene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Tetrachloroethene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Toluene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
trans-1,2-Dichloroethene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
trans-1,3-Dichloropropene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Trichloroethene	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Trichlorofluoromethane	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Vinyl chloride	ND		5.6		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1
Xylenes, Total	ND		11		ug/Kg	☼	05/24/13 15:37	05/25/13 03:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/24/13 15:37*	*05/25/13 03:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 126*	*05/24/13 15:37*	*05/25/13 03:08*	*1*

Client Sample ID: C-B10-S
Date Collected: 05/13/13 11:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-6
Matrix: Solid
Percent Solids: 89.1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 125	05/24/13 15:37	05/25/13 03:08	1
4-Bromofluorobenzene (Surr)	101		72 - 126	05/24/13 15:37	05/25/13 03:08	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		2.3		mg/Kg	☼	05/15/13 16:00	05/17/13 20:51	1
Barium	41.3		0.58		mg/Kg	☼	05/15/13 16:00	05/17/13 20:51	1
Cadmium	ND		0.23		mg/Kg	☼	05/15/13 16:00	05/17/13 20:51	1
Chromium	8.3		0.58		mg/Kg	☼	05/15/13 16:00	05/17/13 20:51	1
Lead	8.6		1.2		mg/Kg	☼	05/15/13 16:00	05/17/13 20:51	1
Selenium	ND		4.6		mg/Kg	☼	05/15/13 16:00	05/17/13 20:51	1
Silver	ND		0.58		mg/Kg	☼	05/15/13 16:00	05/17/13 20:51	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg	☼	05/16/13 09:00	05/16/13 12:22	1

Client Sample ID: C-B11-S
Date Collected: 05/13/13 12:25
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-7
Matrix: Solid
Percent Solids: 71.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,1,2,2-Tetrachloroethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,1,2-Trichloroethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,1-Dichloroethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,1-Dichloroethene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,2,4-Trichlorobenzene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,2-Dibromo-3-Chloropropane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,2-Dibromoethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,2-Dichlorobenzene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,2-Dichloroethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,2-Dichloropropane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,3-Dichlorobenzene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
1,4-Dichlorobenzene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
2-Hexanone	ND		29		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
2-Butanone (MEK)	ND		29		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
4-Methyl-2-pentanone (MIBK)	ND		29		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Acetone	ND		29		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Benzene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Bromodichloromethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Bromoform	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Bromomethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Carbon disulfide	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Carbon tetrachloride	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Chlorobenzene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Dibromochloromethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Chloroethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1

Client Sample ID: C-B11-S
Date Collected: 05/13/13 12:25
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-7
Matrix: Solid
Percent Solids: 71.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Chloromethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
cis-1,2-Dichloroethene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
cis-1,3-Dichloropropene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Cyclohexane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Dichlorodifluoromethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Ethylbenzene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Isopropylbenzene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Methyl acetate	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Methyl tert-butyl ether	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Methylcyclohexane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Methylene Chloride	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Styrene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Tetrachloroethene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Toluene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
trans-1,2-Dichloroethene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
trans-1,3-Dichloropropene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Trichloroethene	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Trichlorofluoromethane	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Vinyl chloride	ND		5.7		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1
Xylenes, Total	ND		11		ug/Kg	☼	05/16/13 11:29	05/18/13 01:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
tert-Butyldimethylsilanol	*7.5*	*T J N*	*ug/Kg*	☼	*4.47*	*18173-64-3*	*05/16/13 11:29*	*05/18/13 01:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*05/16/13 11:29*	*05/18/13 01:09*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*05/16/13 11:29*	*05/18/13 01:09*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*	*05/16/13 11:29*	*05/18/13 01:09*	*1*

Client Sample ID: C-B11-S/D
Date Collected: 05/13/13 12:25
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-8
Matrix: Solid
Percent Solids: 76.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,1,2,2-Tetrachloroethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,1,2-Trichloroethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,1-Dichloroethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,1-Dichloroethene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,2,4-Trichlorobenzene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,2-Dibromo-3-Chloropropane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,2-Dibromoethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,2-Dichlorobenzene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,2-Dichloroethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,2-Dichloropropane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,3-Dichlorobenzene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
1,4-Dichlorobenzene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1

Client Sample ID: C-B11-S/D
Date Collected: 05/13/13 12:25
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-8
Matrix: Solid
Percent Solids: 76.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		28		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
2-Butanone (MEK)	ND		28		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		28		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Acetone	ND		28		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Benzene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Bromodichloromethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Bromoform	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Bromomethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Carbon disulfide	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Carbon tetrachloride	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Chlorobenzene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Dibromochloromethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Chloroethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Chloroform	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Chloromethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
cis-1,2-Dichloroethene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
cis-1,3-Dichloropropene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Cyclohexane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Dichlorodifluoromethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Ethylbenzene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Isopropylbenzene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Methyl acetate	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Methyl tert-butyl ether	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Methylcyclohexane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Methylene Chloride	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Styrene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Tetrachloroethene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Toluene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
trans-1,2-Dichloroethene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
trans-1,3-Dichloropropene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Trichloroethene	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Trichlorofluoromethane	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Vinyl chloride	ND		5.6		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1
Xylenes, Total	ND		11		ug/Kg	☼	05/16/13 11:29	05/18/13 20:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*9.8*	*T J N*	*ug/Kg*	☼	*4.47*	*1066-40-6*	*05/16/13 11:29*	*05/18/13 20:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*05/16/13 11:29*	*05/18/13 20:08*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*05/16/13 11:29*	*05/18/13 20:08*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*05/16/13 11:29*	*05/18/13 20:08*	*1*

Client Sample ID: C-B11-S2
Date Collected: 05/13/13 12:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-9
Matrix: Solid
Percent Solids: 88.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.2		mg/Kg	☼	05/15/13 16:00	05/17/13 20:58	1

Client Sample ID: C-B11-S2

Date Collected: 05/13/13 12:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-9
Matrix: Solid
Percent Solids: 88.9

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	58.1		0.56		mg/Kg	☼	05/15/13 16:00	05/17/13 20:58	1
Cadmium	0.22		0.22		mg/Kg	☼	05/15/13 16:00	05/17/13 20:58	1
Chromium	9.0		0.56		mg/Kg	☼	05/15/13 16:00	05/17/13 20:58	1
Lead	8.3		1.1		mg/Kg	☼	05/15/13 16:00	05/17/13 20:58	1
Selenium	ND		4.5		mg/Kg	☼	05/15/13 16:00	05/17/13 20:58	1
Silver	ND		0.56		mg/Kg	☼	05/15/13 16:00	05/17/13 20:58	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg	☼	05/16/13 09:00	05/16/13 12:24	1

Client Sample ID: C-B11-S2/D

Date Collected: 05/13/13 12:30
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-10
Matrix: Solid
Percent Solids: 88.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.1		mg/Kg	☼	05/15/13 16:00	05/17/13 21:01	1
Barium	55.4		0.53		mg/Kg	☼	05/15/13 16:00	05/17/13 21:01	1
Cadmium	ND		0.21		mg/Kg	☼	05/15/13 16:00	05/17/13 21:01	1
Chromium	9.0		0.53		mg/Kg	☼	05/15/13 16:00	05/17/13 21:01	1
Lead	8.3		1.1		mg/Kg	☼	05/15/13 16:00	05/17/13 21:01	1
Selenium	ND		4.3		mg/Kg	☼	05/15/13 16:00	05/17/13 21:01	1
Silver	ND		0.53		mg/Kg	☼	05/15/13 16:00	05/17/13 21:01	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022		mg/Kg	☼	05/16/13 09:00	05/16/13 12:26	1

Client Sample ID: C-B11-S3

Date Collected: 05/13/13 12:40
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-11
Matrix: Solid
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,1,2,2-Tetrachloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,1,2-Trichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,1-Dichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,1-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,2,4-Trichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,2-Dibromo-3-Chloropropane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,2-Dibromoethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,2-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,2-Dichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,2-Dichloropropane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,3-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
1,4-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
2-Hexanone	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1

Client Sample ID: C-B11-S3
Date Collected: 05/13/13 12:40
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-11
Matrix: Solid
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
4-Methyl-2-pentanone (MIBK)	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Acetone	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Benzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Bromodichloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Bromoform	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Bromomethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Carbon disulfide	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Carbon tetrachloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Chlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Dibromochloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Chloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Chloroform	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Chloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
cis-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
cis-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Cyclohexane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Dichlorodifluoromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Ethylbenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Isopropylbenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Methyl acetate	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Methyl tert-butyl ether	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Methylcyclohexane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Methylene Chloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Styrene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Tetrachloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Toluene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
trans-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
trans-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Trichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Trichlorofluoromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Vinyl chloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1
Xylenes, Total	ND		11		ug/Kg	☼	05/24/13 15:37	05/25/13 03:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/24/13 15:37*	*05/25/13 03:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*05/24/13 15:37*	*05/25/13 03:33*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*05/24/13 15:37*	*05/25/13 03:33*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*05/24/13 15:37*	*05/25/13 03:33*	*1*

Client Sample ID: C-B12-S
Date Collected: 05/14/13 09:07
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-12
Matrix: Solid
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,1,2,2-Tetrachloroethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1

Client Sample ID: C-B12-S
Date Collected: 05/14/13 09:07
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-12
Matrix: Solid
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,1-Dichloroethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,1-Dichloroethene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,2,4-Trichlorobenzene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,2-Dibromo-3-Chloropropane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,2-Dibromoethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,2-Dichlorobenzene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,2-Dichloroethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,2-Dichloropropane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,3-Dichlorobenzene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
1,4-Dichlorobenzene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
2-Hexanone	ND		22		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
2-Butanone (MEK)	ND		22		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
4-Methyl-2-pentanone (MIBK)	ND		22		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Acetone	ND		22		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Benzene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Bromodichloromethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Bromoform	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Bromomethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Carbon disulfide	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Carbon tetrachloride	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Chlorobenzene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Dibromochloromethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Chloroethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Chloroform	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Chloromethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
cis-1,2-Dichloroethene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
cis-1,3-Dichloropropene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Cyclohexane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Dichlorodifluoromethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Ethylbenzene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Isopropylbenzene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Methyl acetate	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Methyl tert-butyl ether	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Methylcyclohexane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Methylene Chloride	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Styrene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Tetrachloroethene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Toluene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
trans-1,2-Dichloroethene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
trans-1,3-Dichloropropene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Trichloroethene	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Trichlorofluoromethane	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Vinyl chloride	ND		4.5		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1
Xylenes, Total	ND		9.0		ug/Kg	☼	05/16/13 11:29	05/18/13 20:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
tert-Butyldimethylsilanol	*4.9*	*T J N*	*ug/Kg*	☼	*4.47*	*18173-64-3*	*05/16/13 11:29*	*05/18/13 20:33*	*1*

Client Sample ID: C-B12-S

Date Collected: 05/14/13 09:07
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-12
Matrix: Solid
Percent Solids: 89.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	05/16/13 11:29	05/18/13 20:33	1
Toluene-d8 (Surr)	99		71 - 125	05/16/13 11:29	05/18/13 20:33	1
4-Bromofluorobenzene (Surr)	101		72 - 126	05/16/13 11:29	05/18/13 20:33	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.3		mg/Kg	☼	05/15/13 16:00	05/17/13 21:03	1
Barium	54.4		0.57		mg/Kg	☼	05/15/13 16:00	05/17/13 21:03	1
Cadmium	ND		0.23		mg/Kg	☼	05/15/13 16:00	05/17/13 21:03	1
Chromium	9.6		0.57		mg/Kg	☼	05/15/13 16:00	05/17/13 21:03	1
Lead	9.4		1.1		mg/Kg	☼	05/15/13 16:00	05/17/13 21:03	1
Selenium	ND		4.6		mg/Kg	☼	05/15/13 16:00	05/17/13 21:03	1
Silver	ND		0.57		mg/Kg	☼	05/15/13 16:00	05/17/13 21:03	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg	☼	05/16/13 09:00	05/16/13 12:29	1

Client Sample ID: C-B13-S

Date Collected: 05/14/13 10:05
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-13
Matrix: Solid
Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,1,2,2-Tetrachloroethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,1,2-Trichloroethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,1-Dichloroethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,1-Dichloroethene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,2,4-Trichlorobenzene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,2-Dibromo-3-Chloropropane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,2-Dibromoethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,2-Dichlorobenzene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,2-Dichloroethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,2-Dichloropropane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,3-Dichlorobenzene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
1,4-Dichlorobenzene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
2-Hexanone	ND		22		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
2-Butanone (MEK)	ND		22		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		22		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Acetone	ND		22		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Benzene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Bromodichloromethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Bromoform	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Bromomethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Carbon disulfide	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Carbon tetrachloride	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Chlorobenzene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Dibromochloromethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Chloroethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1

Client Sample ID: C-B13-S
Date Collected: 05/14/13 10:05
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-13
Matrix: Solid
Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Chloromethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
cis-1,2-Dichloroethene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
cis-1,3-Dichloropropene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Cyclohexane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Dichlorodifluoromethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Ethylbenzene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Isopropylbenzene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Methyl acetate	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Methyl tert-butyl ether	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Methylcyclohexane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Methylene Chloride	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Styrene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Tetrachloroethene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Toluene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
trans-1,2-Dichloroethene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
trans-1,3-Dichloropropene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Trichloroethene	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Trichlorofluoromethane	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Vinyl chloride	ND		4.4		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1
Xylenes, Total	ND		8.7		ug/Kg	☼	05/16/13 11:29	05/18/13 20:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/16/13 11:29*	*05/18/13 20:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*05/16/13 11:29*	*05/18/13 20:59*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*05/16/13 11:29*	*05/18/13 20:59*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*05/16/13 11:29*	*05/18/13 20:59*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.2**		2.5		mg/Kg	☼	05/15/13 16:00	05/17/13 21:06	1
Barium	**45.1**		0.62		mg/Kg	☼	05/15/13 16:00	05/17/13 21:06	1
Cadmium	ND		0.25		mg/Kg	☼	05/15/13 16:00	05/17/13 21:06	1
Chromium	**9.1**		0.62		mg/Kg	☼	05/15/13 16:00	05/17/13 21:06	1
Lead	**9.0**		1.2		mg/Kg	☼	05/15/13 16:00	05/17/13 21:06	1
Selenium	ND		4.9		mg/Kg	☼	05/15/13 16:00	05/17/13 21:06	1
Silver	ND		0.62		mg/Kg	☼	05/15/13 16:00	05/17/13 21:06	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.023		mg/Kg	☼	05/16/13 09:00	05/16/13 12:31	1

Client Sample ID: C-B14-S
Date Collected: 05/14/13 11:10
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-14
Matrix: Solid
Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1

Client Sample ID: C-B14-S
Date Collected: 05/14/13 11:10
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-14
Matrix: Solid
Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,1,2-Trichloroethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,1-Dichloroethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,1-Dichloroethene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,2-Dibromo-3-Chloropropane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,2-Dibromoethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,2-Dichlorobenzene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,2-Dichloroethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,2-Dichloropropane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,3-Dichlorobenzene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
1,4-Dichlorobenzene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
2-Hexanone	ND		23		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
2-Butanone (MEK)	ND		23		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
4-Methyl-2-pentanone (MIBK)	ND		23		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Acetone	ND		23		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Benzene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Bromodichloromethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Bromoform	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Bromomethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Carbon disulfide	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Carbon tetrachloride	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Chlorobenzene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Dibromochloromethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Chloroethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Chloroform	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Chloromethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
cis-1,2-Dichloroethene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
cis-1,3-Dichloropropene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Cyclohexane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Dichlorodifluoromethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Ethylbenzene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Isopropylbenzene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Methyl acetate	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Methyl tert-butyl ether	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Methylcyclohexane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Methylene Chloride	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Styrene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Tetrachloroethene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Toluene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
trans-1,2-Dichloroethene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
trans-1,3-Dichloropropene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Trichloroethene	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Trichlorofluoromethane	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Vinyl chloride	ND		4.6		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1
Xylenes, Total	ND		9.2		ug/Kg	☼	05/16/13 11:29	05/18/13 21:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/16/13 11:29*	*05/18/13 21:24*	*1*

Client Sample ID: C-B14-S

Date Collected: 05/14/13 11:10
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-14
Matrix: Solid
Percent Solids: 83.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	05/16/13 11:29	05/18/13 21:24	1
Toluene-d8 (Surr)	99		71 - 125	05/16/13 11:29	05/18/13 21:24	1
4-Bromofluorobenzene (Surr)	101		72 - 126	05/16/13 11:29	05/18/13 21:24	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		2.2		mg/Kg		05/15/13 16:00	05/17/13 21:08	1
Barium	74.0		0.55		mg/Kg		05/15/13 16:00	05/17/13 21:08	1
Cadmium	0.29		0.22		mg/Kg		05/15/13 16:00	05/17/13 21:08	1
Chromium	15.5		0.55		mg/Kg		05/15/13 16:00	05/17/13 21:08	1
Lead	11.2		1.1		mg/Kg		05/15/13 16:00	05/17/13 21:08	1
Selenium	ND		4.4		mg/Kg		05/15/13 16:00	05/17/13 21:08	1
Silver	ND		0.55		mg/Kg		05/15/13 16:00	05/17/13 21:08	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022		mg/Kg		05/16/13 09:00	05/16/13 12:33	1

Client Sample ID: C-B15-S

Date Collected: 05/14/13 12:40
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-15
Matrix: Solid
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,1,2,2-Tetrachloroethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,1,2-Trichloroethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,1-Dichloroethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,1-Dichloroethene	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,2,4-Trichlorobenzene	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,2-Dibromo-3-Chloropropane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,2-Dibromoethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,2-Dichlorobenzene	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,2-Dichloroethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,2-Dichloropropane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,3-Dichlorobenzene	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
1,4-Dichlorobenzene	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
2-Hexanone	ND		20		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
2-Butanone (MEK)	ND		20		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
4-Methyl-2-pentanone (MIBK)	ND		20		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Acetone	ND		20		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Benzene	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Bromodichloromethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Bromoform	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Bromomethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Carbon disulfide	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Carbon tetrachloride	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Chlorobenzene	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Dibromochloromethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1
Chloroethane	ND		4.1		ug/Kg		05/16/13 11:29	05/18/13 21:49	1

Client Sample ID: C-B15-S
Date Collected: 05/14/13 12:40
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-15
Matrix: Solid
Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Chloromethane	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
cis-1,2-Dichloroethene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
cis-1,3-Dichloropropene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Cyclohexane	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Dichlorodifluoromethane	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Ethylbenzene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Isopropylbenzene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Methyl acetate	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Methyl tert-butyl ether	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Methylcyclohexane	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Methylene Chloride	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Styrene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Tetrachloroethene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Toluene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
trans-1,2-Dichloroethene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
trans-1,3-Dichloropropene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Trichloroethene	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Trichlorofluoromethane	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Vinyl chloride	ND		4.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1
Xylenes, Total	ND		8.1		ug/Kg	☼	05/16/13 11:29	05/18/13 21:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/16/13 11:29*	*05/18/13 21:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*05/16/13 11:29*	*05/18/13 21:49*	*1*
Toluene-d8 (Surr)	*99*		*71 - 125*	*05/16/13 11:29*	*05/18/13 21:49*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*05/16/13 11:29*	*05/18/13 21:49*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.3**		2.5		mg/Kg	☼	05/15/13 16:00	05/17/13 21:11	1
Barium	**76.3**		0.61		mg/Kg	☼	05/15/13 16:00	05/17/13 21:11	1
Cadmium	ND		0.25		mg/Kg	☼	05/15/13 16:00	05/17/13 21:11	1
Chromium	**11.8**		0.61		mg/Kg	☼	05/15/13 16:00	05/17/13 21:11	1
Lead	**8.6**		1.2		mg/Kg	☼	05/15/13 16:00	05/17/13 21:11	1
Selenium	ND		4.9		mg/Kg	☼	05/15/13 16:00	05/17/13 21:11	1
Silver	ND		0.61		mg/Kg	☼	05/15/13 16:00	05/17/13 21:11	1

Method: 7471A_ASP - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021		mg/Kg	☼	05/16/13 09:00	05/16/13 12:35	1

Client Sample ID: C-B15-S2
Date Collected: 05/14/13 13:05
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-16
Matrix: Solid
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1

Client Sample ID: C-B15-S2
Date Collected: 05/14/13 13:05
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-16
Matrix: Solid
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,1,2-Trichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,1-Dichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,1-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,2,4-Trichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,2-Dibromo-3-Chloropropane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,2-Dibromoethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,2-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,2-Dichloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,2-Dichloropropane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,3-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
1,4-Dichlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
2-Hexanone	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
2-Butanone (MEK)	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
4-Methyl-2-pentanone (MIBK)	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Acetone	ND		27		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Benzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Bromodichloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Bromoform	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Bromomethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Carbon disulfide	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Carbon tetrachloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Chlorobenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Dibromochloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Chloroethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Chloroform	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Chloromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
cis-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
cis-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Cyclohexane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Dichlorodifluoromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Ethylbenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Isopropylbenzene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Methyl acetate	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Methyl tert-butyl ether	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Methylcyclohexane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Methylene Chloride	5.9	B	5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Styrene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Tetrachloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Toluene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
trans-1,2-Dichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
trans-1,3-Dichloropropene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Trichloroethene	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Trichlorofluoromethane	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Vinyl chloride	ND		5.5		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1
Xylenes, Total	ND		11		ug/Kg	☼	05/24/13 15:37	05/25/13 03:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*05/24/13 15:37*	*05/25/13 03:59*	*1*

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Client Sample ID: C-B15-S2
Date Collected: 05/14/13 13:05
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-16
Matrix: Solid
Percent Solids: 89.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	05/24/13 15:37	05/25/13 03:59	1
Toluene-d8 (Surr)	102		71 - 125	05/24/13 15:37	05/25/13 03:59	1
4-Bromofluorobenzene (Surr)	103		72 - 126	05/24/13 15:37	05/25/13 03:59	1

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-38260-1	C-B8-S	134 X	101	102
480-38260-3	C-B8-S3	96	102	104
480-38260-4	C-B9-S	95	99	105
480-38260-4MS	C-B9-S	85	98	98
480-38260-4MSD	C-B9-S	91	110	108
480-38260-5	C-B9-S2	94	102	104
480-38260-6	C-B10-S	93	100	101
480-38260-7	C-B11-S	103	100	88
480-38260-8	C-B11-S/D	104	100	102
480-38260-11	C-B11-S3	98	101	103
480-38260-12	C-B12-S	104	99	101
480-38260-13	C-B13-S	104	98	101
480-38260-14	C-B14-S	101	99	101
480-38260-15	C-B15-S	106	99	101
480-38260-16	C-B15-S2	100	102	103
LCS 480-119331/10	Lab Control Sample	88	101	108
LCS 480-119444/4	Lab Control Sample	104	97	104
LCS 480-120529/4	Lab Control Sample	99	99	101
MB 480-119331/7	Method Blank	89	100	109
MB 480-119444/5	Method Blank	102	99	101
MB 480-120529/27	Method Blank	104	98	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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

Lab Sample ID: 480-38260-4MS
Matrix: Solid
Analysis Batch: 119331

Client Sample ID: C-B9-S
Prep Type: Total/NA
Prep Batch: 119005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		61.1	57.8		ug/Kg	☼	95	73 - 126
1,1-Dichloroethene	ND		61.1	55.8		ug/Kg	☼	91	59 - 125
1,2-Dichlorobenzene	ND		61.1	39.9	F	ug/Kg	☼	65	75 - 120
1,2-Dichloroethane	ND		61.1	51.3		ug/Kg	☼	84	77 - 122
Benzene	ND		61.1	54.1		ug/Kg	☼	89	79 - 127
Chlorobenzene	ND		61.1	49.5		ug/Kg	☼	81	76 - 124
cis-1,2-Dichloroethene	ND		61.1	55.6		ug/Kg	☼	91	81 - 117
Ethylbenzene	ND		61.1	47.2	F	ug/Kg	☼	77	80 - 120
Methyl tert-butyl ether	ND		61.1	49.9		ug/Kg	☼	82	63 - 125
Tetrachloroethene	ND		61.1	54.8		ug/Kg	☼	90	74 - 122
Toluene	ND		61.1	52.3		ug/Kg	☼	86	74 - 128
trans-1,2-Dichloroethene	ND		61.1	54.8		ug/Kg	☼	90	78 - 126
Trichloroethene	ND		61.1	53.8		ug/Kg	☼	88	77 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*64 - 126*
Toluene-d8 (Surr)	*98*		*71 - 125*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*

Lab Sample ID: 480-38260-4MSD
Matrix: Solid
Analysis Batch: 119331

Client Sample ID: C-B9-S
Prep Type: Total/NA
Prep Batch: 119005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		46.1	40.0	F	ug/Kg	☼	87	73 - 126	36	30
1,1-Dichloroethene	ND		46.1	36.7	F	ug/Kg	☼	80	59 - 125	41	30
1,2-Dichlorobenzene	ND		46.1	13.5	F	ug/Kg	☼	29	75 - 120	99	30
1,2-Dichloroethane	ND		46.1	37.6	F	ug/Kg	☼	82	77 - 122	31	30
Benzene	ND		46.1	34.6	F	ug/Kg	☼	75	79 - 127	44	30
Chlorobenzene	ND		46.1	28.0	F	ug/Kg	☼	61	76 - 124	56	30
cis-1,2-Dichloroethene	ND		46.1	38.0	F	ug/Kg	☼	83	81 - 117	38	30
Ethylbenzene	ND		46.1	21.5	F	ug/Kg	☼	47	80 - 120	75	30
Methyl tert-butyl ether	ND		46.1	39.4		ug/Kg	☼	86	63 - 125	23	30
Tetrachloroethene	ND		46.1	22.4	F	ug/Kg	☼	49	74 - 122	84	30
Toluene	ND		46.1	31.2	F	ug/Kg	☼	68	74 - 128	51	30
trans-1,2-Dichloroethene	ND		46.1	37.1	F	ug/Kg	☼	81	78 - 126	39	30
Trichloroethene	ND		46.1	30.4	F	ug/Kg	☼	66	77 - 129	55	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*
Toluene-d8 (Surr)	*110*		*71 - 125*
4-Bromofluorobenzene (Surr)	*108*		*72 - 126*

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

Lab Sample ID: MB 480-119331/7
Matrix: Solid
Analysis Batch: 119331

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,1-Dichloroethane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,1-Dichloroethene	ND		5.0		ug/Kg			05/17/13 18:45	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			05/17/13 18:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,2-Dibromoethane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			05/17/13 18:45	1
1,2-Dichloroethane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,2-Dichloropropane	ND		5.0		ug/Kg			05/17/13 18:45	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			05/17/13 18:45	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			05/17/13 18:45	1
2-Hexanone	ND		25		ug/Kg			05/17/13 18:45	1
2-Butanone (MEK)	ND		25		ug/Kg			05/17/13 18:45	1
4-Methyl-2-pentanone (MIBK)	ND		25		ug/Kg			05/17/13 18:45	1
Acetone	ND		25		ug/Kg			05/17/13 18:45	1
Benzene	ND		5.0		ug/Kg			05/17/13 18:45	1
Bromodichloromethane	ND		5.0		ug/Kg			05/17/13 18:45	1
Bromoform	ND		5.0		ug/Kg			05/17/13 18:45	1
Bromomethane	ND		5.0		ug/Kg			05/17/13 18:45	1
Carbon disulfide	ND		5.0		ug/Kg			05/17/13 18:45	1
Carbon tetrachloride	ND		5.0		ug/Kg			05/17/13 18:45	1
Chlorobenzene	ND		5.0		ug/Kg			05/17/13 18:45	1
Dibromochloromethane	ND		5.0		ug/Kg			05/17/13 18:45	1
Chloroethane	ND		5.0		ug/Kg			05/17/13 18:45	1
Chloroform	ND		5.0		ug/Kg			05/17/13 18:45	1
Chloromethane	ND		5.0		ug/Kg			05/17/13 18:45	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			05/17/13 18:45	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			05/17/13 18:45	1
Cyclohexane	ND		5.0		ug/Kg			05/17/13 18:45	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			05/17/13 18:45	1
Ethylbenzene	ND		5.0		ug/Kg			05/17/13 18:45	1
Isopropylbenzene	ND		5.0		ug/Kg			05/17/13 18:45	1
Methyl acetate	ND		5.0		ug/Kg			05/17/13 18:45	1
Methyl tert-butyl ether	ND		5.0		ug/Kg			05/17/13 18:45	1
Methylcyclohexane	ND		5.0		ug/Kg			05/17/13 18:45	1
Methylene Chloride	ND		5.0		ug/Kg			05/17/13 18:45	1
Styrene	ND		5.0		ug/Kg			05/17/13 18:45	1
Tetrachloroethene	ND		5.0		ug/Kg			05/17/13 18:45	1
Toluene	ND		5.0		ug/Kg			05/17/13 18:45	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			05/17/13 18:45	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			05/17/13 18:45	1
Trichloroethene	ND		5.0		ug/Kg			05/17/13 18:45	1
Trichlorofluoromethane	ND		5.0		ug/Kg			05/17/13 18:45	1
Vinyl chloride	ND		5.0		ug/Kg			05/17/13 18:45	1
Xylenes, Total	ND		10		ug/Kg			05/17/13 18:45	1

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

Lab Sample ID: MB 480-119331/7
Matrix: Solid
Analysis Batch: 119331

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					05/17/13 18:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		64 - 126		05/17/13 18:45	1
Toluene-d8 (Surr)	100		71 - 125		05/17/13 18:45	1
4-Bromofluorobenzene (Surr)	109		72 - 126		05/17/13 18:45	1

Lab Sample ID: LCS 480-119331/10
Matrix: Solid
Analysis Batch: 119331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	47.8		ug/Kg		96	73 - 126
1,1-Dichloroethene	50.0	41.8		ug/Kg		84	59 - 125
1,2-Dichlorobenzene	50.0	54.9		ug/Kg		110	75 - 120
1,2-Dichloroethane	50.0	50.6		ug/Kg		101	77 - 122
Benzene	50.0	49.6		ug/Kg		99	79 - 127
Chlorobenzene	50.0	57.3		ug/Kg		115	76 - 124
cis-1,2-Dichloroethene	50.0	49.5		ug/Kg		99	81 - 117
Ethylbenzene	50.0	57.1		ug/Kg		114	80 - 120
Methyl tert-butyl ether	50.0	47.8		ug/Kg		96	63 - 125
Tetrachloroethene	50.0	60.0		ug/Kg		120	74 - 122
Toluene	50.0	54.8		ug/Kg		110	74 - 128
trans-1,2-Dichloroethene	50.0	50.4		ug/Kg		101	78 - 126
Trichloroethene	50.0	51.2		ug/Kg		102	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		64 - 126
Toluene-d8 (Surr)	101		71 - 125
4-Bromofluorobenzene (Surr)	108		72 - 126

Lab Sample ID: MB 480-119444/5
Matrix: Solid
Analysis Batch: 119444

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/Kg			05/18/13 14:04	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			05/18/13 14:04	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			05/18/13 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			05/18/13 14:04	1
1,1-Dichloroethane	ND		5.0		ug/Kg			05/18/13 14:04	1
1,1-Dichloroethene	ND		5.0		ug/Kg			05/18/13 14:04	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			05/18/13 14:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			05/18/13 14:04	1
1,2-Dibromoethane	ND		5.0		ug/Kg			05/18/13 14:04	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			05/18/13 14:04	1
1,2-Dichloroethane	ND		5.0		ug/Kg			05/18/13 14:04	1

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

Lab Sample ID: MB 480-119444/5
Matrix: Solid
Analysis Batch: 119444

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		5.0		ug/Kg			05/18/13 14:04	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			05/18/13 14:04	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			05/18/13 14:04	1
2-Hexanone	ND		25		ug/Kg			05/18/13 14:04	1
2-Butanone (MEK)	ND		25		ug/Kg			05/18/13 14:04	1
4-Methyl-2-pentanone (MIBK)	ND		25		ug/Kg			05/18/13 14:04	1
Acetone	ND		25		ug/Kg			05/18/13 14:04	1
Benzene	ND		5.0		ug/Kg			05/18/13 14:04	1
Bromodichloromethane	ND		5.0		ug/Kg			05/18/13 14:04	1
Bromoform	ND		5.0		ug/Kg			05/18/13 14:04	1
Bromomethane	ND		5.0		ug/Kg			05/18/13 14:04	1
Carbon disulfide	ND		5.0		ug/Kg			05/18/13 14:04	1
Carbon tetrachloride	ND		5.0		ug/Kg			05/18/13 14:04	1
Chlorobenzene	ND		5.0		ug/Kg			05/18/13 14:04	1
Dibromochloromethane	ND		5.0		ug/Kg			05/18/13 14:04	1
Chloroethane	ND		5.0		ug/Kg			05/18/13 14:04	1
Chloroform	ND		5.0		ug/Kg			05/18/13 14:04	1
Chloromethane	ND		5.0		ug/Kg			05/18/13 14:04	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			05/18/13 14:04	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			05/18/13 14:04	1
Cyclohexane	ND		5.0		ug/Kg			05/18/13 14:04	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			05/18/13 14:04	1
Ethylbenzene	ND		5.0		ug/Kg			05/18/13 14:04	1
Isopropylbenzene	ND		5.0		ug/Kg			05/18/13 14:04	1
Methyl acetate	ND		5.0		ug/Kg			05/18/13 14:04	1
Methyl tert-butyl ether	ND		5.0		ug/Kg			05/18/13 14:04	1
Methylcyclohexane	ND		5.0		ug/Kg			05/18/13 14:04	1
Methylene Chloride	ND		5.0		ug/Kg			05/18/13 14:04	1
Styrene	ND		5.0		ug/Kg			05/18/13 14:04	1
Tetrachloroethene	ND		5.0		ug/Kg			05/18/13 14:04	1
Toluene	ND		5.0		ug/Kg			05/18/13 14:04	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			05/18/13 14:04	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			05/18/13 14:04	1
Trichloroethene	ND		5.0		ug/Kg			05/18/13 14:04	1
Trichlorofluoromethane	ND		5.0		ug/Kg			05/18/13 14:04	1
Vinyl chloride	ND		5.0		ug/Kg			05/18/13 14:04	1
Xylenes, Total	ND		10		ug/Kg			05/18/13 14:04	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*05/18/13 14:04*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*		*05/18/13 14:04*	*1*
Toluene-d8 (Surr)	*99*		*71 - 125*		*05/18/13 14:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*		*05/18/13 14:04*	*1*

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

Lab Sample ID: LCS 480-119444/4
Matrix: Solid
Analysis Batch: 119444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	52.9		ug/Kg		106	73 - 126
1,1-Dichloroethene	50.0	44.7		ug/Kg		89	59 - 125
1,2-Dichlorobenzene	50.0	52.8		ug/Kg		106	75 - 120
1,2-Dichloroethane	50.0	58.6		ug/Kg		117	77 - 122
Benzene	50.0	52.3		ug/Kg		105	79 - 127
Chlorobenzene	50.0	53.0		ug/Kg		106	76 - 124
cis-1,2-Dichloroethene	50.0	52.1		ug/Kg		104	81 - 117
Ethylbenzene	50.0	54.6		ug/Kg		109	80 - 120
Methyl tert-butyl ether	50.0	53.7		ug/Kg		107	63 - 125
Tetrachloroethene	50.0	54.6		ug/Kg		109	74 - 122
Toluene	50.0	52.9		ug/Kg		106	74 - 128
trans-1,2-Dichloroethene	50.0	53.4		ug/Kg		107	78 - 126
Trichloroethene	50.0	52.6		ug/Kg		105	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*
Toluene-d8 (Surr)	*97*		*71 - 125*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*

Lab Sample ID: MB 480-120529/27
Matrix: Solid
Analysis Batch: 120529

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,1-Dichloroethane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,1-Dichloroethene	ND		5.0		ug/Kg			05/24/13 22:40	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			05/24/13 22:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,2-Dibromoethane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			05/24/13 22:40	1
1,2-Dichloroethane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,2-Dichloropropane	ND		5.0		ug/Kg			05/24/13 22:40	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			05/24/13 22:40	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			05/24/13 22:40	1
2-Hexanone	ND		25		ug/Kg			05/24/13 22:40	1
2-Butanone (MEK)	ND		25		ug/Kg			05/24/13 22:40	1
4-Methyl-2-pentanone (MIBK)	ND		25		ug/Kg			05/24/13 22:40	1
Acetone	ND		25		ug/Kg			05/24/13 22:40	1
Benzene	ND		5.0		ug/Kg			05/24/13 22:40	1
Bromodichloromethane	ND		5.0		ug/Kg			05/24/13 22:40	1
Bromoform	ND		5.0		ug/Kg			05/24/13 22:40	1
Bromomethane	ND		5.0		ug/Kg			05/24/13 22:40	1
Carbon disulfide	ND		5.0		ug/Kg			05/24/13 22:40	1
Carbon tetrachloride	ND		5.0		ug/Kg			05/24/13 22:40	1

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

Lab Sample ID: MB 480-120529/27
Matrix: Solid
Analysis Batch: 120529

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5.0		ug/Kg			05/24/13 22:40	1
Dibromochloromethane	ND		5.0		ug/Kg			05/24/13 22:40	1
Chloroethane	ND		5.0		ug/Kg			05/24/13 22:40	1
Chloroform	ND		5.0		ug/Kg			05/24/13 22:40	1
Chloromethane	ND		5.0		ug/Kg			05/24/13 22:40	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			05/24/13 22:40	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			05/24/13 22:40	1
Cyclohexane	ND		5.0		ug/Kg			05/24/13 22:40	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			05/24/13 22:40	1
Ethylbenzene	ND		5.0		ug/Kg			05/24/13 22:40	1
Isopropylbenzene	ND		5.0		ug/Kg			05/24/13 22:40	1
Methyl acetate	ND		5.0		ug/Kg			05/24/13 22:40	1
Methyl tert-butyl ether	ND		5.0		ug/Kg			05/24/13 22:40	1
Methylcyclohexane	ND		5.0		ug/Kg			05/24/13 22:40	1
Methylene Chloride	5.27		5.0		ug/Kg			05/24/13 22:40	1
Styrene	ND		5.0		ug/Kg			05/24/13 22:40	1
Tetrachloroethene	ND		5.0		ug/Kg			05/24/13 22:40	1
Toluene	ND		5.0		ug/Kg			05/24/13 22:40	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			05/24/13 22:40	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			05/24/13 22:40	1
Trichloroethene	ND		5.0		ug/Kg			05/24/13 22:40	1
Trichlorofluoromethane	ND		5.0		ug/Kg			05/24/13 22:40	1
Vinyl chloride	ND		5.0		ug/Kg			05/24/13 22:40	1
Xylenes, Total	ND		10		ug/Kg			05/24/13 22:40	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*05/24/13 22:40*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*		*05/24/13 22:40*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*		*05/24/13 22:40*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*		*05/24/13 22:40*	*1*

Lab Sample ID: LCS 480-120529/4
Matrix: Solid
Analysis Batch: 120529

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	54.7		ug/Kg		109	73 - 126
1,1-Dichloroethene	50.0	48.2		ug/Kg		96	59 - 125
1,2-Dichlorobenzene	50.0	54.1		ug/Kg		108	75 - 120
1,2-Dichloroethane	50.0	52.3		ug/Kg		105	77 - 122
Benzene	50.0	56.4		ug/Kg		113	79 - 127
Chlorobenzene	50.0	55.9		ug/Kg		112	76 - 124
cis-1,2-Dichloroethene	50.0	54.7		ug/Kg		109	81 - 117
Ethylbenzene	50.0	57.2		ug/Kg		114	80 - 120
Methyl tert-butyl ether	50.0	50.7		ug/Kg		101	63 - 125

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

Lab Sample ID: LCS 480-120529/4
Matrix: Solid
Analysis Batch: 120529

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	50.0	56.5		ug/Kg		113	74 - 122
Toluene	50.0	56.2		ug/Kg		112	74 - 128
trans-1,2-Dichloroethene	50.0	57.1		ug/Kg		114	78 - 126
Trichloroethene	50.0	54.5		ug/Kg		109	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*
Toluene-d8 (Surr)	*99*		*71 - 125*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-118710/1-A
Matrix: Solid
Analysis Batch: 119501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118710

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9		mg/Kg		05/15/13 16:00	05/17/13 20:21	1
Barium	ND		0.48		mg/Kg		05/15/13 16:00	05/17/13 20:21	1
Cadmium	ND		0.19		mg/Kg		05/15/13 16:00	05/17/13 20:21	1
Chromium	ND		0.48		mg/Kg		05/15/13 16:00	05/17/13 20:21	1
Lead	ND		0.96		mg/Kg		05/15/13 16:00	05/17/13 20:21	1
Selenium	ND		3.8		mg/Kg		05/15/13 16:00	05/17/13 20:21	1
Silver	ND		0.48		mg/Kg		05/15/13 16:00	05/17/13 20:21	1

Lab Sample ID: LCSSRM 480-118710/2-A
Matrix: Solid
Analysis Batch: 119501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118710

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	182	196.2		mg/Kg		107.8	70.9 - 129.7
Barium	143	152.3		mg/Kg		106.6	72.7 - 128.0
Cadmium	60.4	63.18		mg/Kg		104.6	73.2 - 129.3
Chromium	125	125.7		mg/Kg		100.6	69.8 - 129.6
Lead	136	146.2		mg/Kg		107.5	73.1 - 127.2
Selenium	85.9	94.65		mg/Kg		110.2	63.9 - 136.2
Silver	61.3	62.45		mg/Kg		101.9	66.9 - 133.1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-38260-2 MS
Matrix: Solid
Analysis Batch: 119501

Client Sample ID: C-B8-S2
Prep Type: Total/NA
Prep Batch: 118710

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	3.4		42.5	45.37		mg/Kg	☼	99	75 - 125
Barium	35.3		42.5	86.80		mg/Kg	☼	121	75 - 125
Cadmium	ND		42.5	41.98		mg/Kg	☼	98	75 - 125
Chromium	7.0		42.5	47.64		mg/Kg	☼	96	75 - 125
Lead	7.0		42.5	48.76		mg/Kg	☼	98	75 - 125
Selenium	ND		42.5	42.92		mg/Kg	☼	101	75 - 125
Silver	ND		10.6	10.98		mg/Kg	☼	103	75 - 125

Lab Sample ID: 480-38260-2 MSD
Matrix: Solid
Analysis Batch: 119501

Client Sample ID: C-B8-S2
Prep Type: Total/NA
Prep Batch: 118710

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	3.4		45.4	46.58		mg/Kg	☼	95	75 - 125	3	20
Barium	35.3		45.4	92.69	F	mg/Kg	☼	126	75 - 125	7	20
Cadmium	ND		45.4	42.94		mg/Kg	☼	94	75 - 125	2	20
Chromium	7.0		45.4	49.74		mg/Kg	☼	94	75 - 125	4	20
Lead	7.0		45.4	48.85		mg/Kg	☼	92	75 - 125	0	20
Selenium	ND		45.4	43.52		mg/Kg	☼	96	75 - 125	1	20
Silver	ND		11.3	11.44		mg/Kg	☼	101	75 - 125	4	20

Lab Sample ID: 480-38260-4MS
Matrix: Solid
Analysis Batch: 119501

Client Sample ID: C-B9-S
Prep Type: Total/NA
Prep Batch: 118710

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	4.6		43.9	44.74		mg/Kg	☼	92	75 - 125
Barium	58.1		43.9	99.81		mg/Kg	☼	95	75 - 125
Cadmium	1.3		43.9	41.91		mg/Kg	☼	93	75 - 125
Chromium	11.4		43.9	49.62		mg/Kg	☼	87	75 - 125
Lead	123		43.9	155.6	F	mg/Kg	☼	73	75 - 125
Selenium	ND		43.9	40.74		mg/Kg	☼	91	75 - 125
Silver	ND		11.0	11.63		mg/Kg	☼	106	75 - 125

Lab Sample ID: 480-38260-4MSD
Matrix: Solid
Analysis Batch: 119501

Client Sample ID: C-B9-S
Prep Type: Total/NA
Prep Batch: 118710

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	4.6		51.6	52.38		mg/Kg	☼	93	75 - 125	16	20
Barium	58.1		51.6	85.70	F	mg/Kg	☼	54	75 - 125	15	20
Cadmium	1.3		51.6	49.65		mg/Kg	☼	94	75 - 125	17	20
Chromium	11.4		51.6	57.01		mg/Kg	☼	88	75 - 125	14	20
Lead	123		51.6	137.9	F	mg/Kg	☼	28	75 - 125	12	20
Selenium	ND		51.6	49.43		mg/Kg	☼	94	75 - 125	19	20
Silver	ND		12.9	13.23		mg/Kg	☼	103	75 - 125	13	20

Method: 7471A_ASP - Mercury (CVAA)

Lab Sample ID: MB 480-118968/1-A
Matrix: Solid
Analysis Batch: 119025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		05/16/13 09:00	05/16/13 13:09	1

Lab Sample ID: LCSSRM 480-118968/2-A
Matrix: Solid
Analysis Batch: 119025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118968

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.77	3.45		mg/Kg		91.5	50.9 - 149.1

Lab Sample ID: 480-38260-2 MS
Matrix: Solid
Analysis Batch: 119025

Client Sample ID: C-B8-S2
Prep Type: Total/NA
Prep Batch: 118968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.357	0.340		mg/Kg	☼	95	75 - 125

Lab Sample ID: 480-38260-2 MSD
Matrix: Solid
Analysis Batch: 119025

Client Sample ID: C-B8-S2
Prep Type: Total/NA
Prep Batch: 118968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.366	0.340		mg/Kg	☼	93	75 - 125	0	20

Lab Sample ID: 480-38260-4MS
Matrix: Solid
Analysis Batch: 119025

Client Sample ID: C-B9-S
Prep Type: Total/NA
Prep Batch: 118968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.033		0.385	0.362		mg/Kg	☼	85	75 - 125

Lab Sample ID: 480-38260-4MSD
Matrix: Solid
Analysis Batch: 119025

Client Sample ID: C-B9-S
Prep Type: Total/NA
Prep Batch: 118968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.033		0.375	0.366		mg/Kg	☼	89	75 - 125	1	20

GC/MS VOA

Prep Batch: 119005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-1	C-B8-S	Total/NA	Solid	5035	
480-38260-4	C-B9-S	Total/NA	Solid	5035	
480-38260-4MS	C-B9-S	Total/NA	Solid	5035	
480-38260-4MSD	C-B9-S	Total/NA	Solid	5035	
480-38260-7	C-B11-S	Total/NA	Solid	5035	
480-38260-8	C-B11-S/D	Total/NA	Solid	5035	
480-38260-12	C-B12-S	Total/NA	Solid	5035	
480-38260-13	C-B13-S	Total/NA	Solid	5035	
480-38260-14	C-B14-S	Total/NA	Solid	5035	
480-38260-15	C-B15-S	Total/NA	Solid	5035	

Analysis Batch: 119331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-1	C-B8-S	Total/NA	Solid	8260B	119005
480-38260-4	C-B9-S	Total/NA	Solid	8260B	119005
480-38260-4MS	C-B9-S	Total/NA	Solid	8260B	119005
480-38260-4MSD	C-B9-S	Total/NA	Solid	8260B	119005
480-38260-7	C-B11-S	Total/NA	Solid	8260B	119005
LCS 480-119331/10	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-119331/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 119444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-8	C-B11-S/D	Total/NA	Solid	8260B	119005
480-38260-12	C-B12-S	Total/NA	Solid	8260B	119005
480-38260-13	C-B13-S	Total/NA	Solid	8260B	119005
480-38260-14	C-B14-S	Total/NA	Solid	8260B	119005
480-38260-15	C-B15-S	Total/NA	Solid	8260B	119005
LCS 480-119444/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-119444/5	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 120513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-3	C-B8-S3	Total/NA	Solid	5035	
480-38260-5	C-B9-S2	Total/NA	Solid	5035	
480-38260-6	C-B10-S	Total/NA	Solid	5035	
480-38260-11	C-B11-S3	Total/NA	Solid	5035	
480-38260-16	C-B15-S2	Total/NA	Solid	5035	

Analysis Batch: 120529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-3	C-B8-S3	Total/NA	Solid	8260B	120513
480-38260-5	C-B9-S2	Total/NA	Solid	8260B	120513
480-38260-6	C-B10-S	Total/NA	Solid	8260B	120513
480-38260-11	C-B11-S3	Total/NA	Solid	8260B	120513
480-38260-16	C-B15-S2	Total/NA	Solid	8260B	120513
LCS 480-120529/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-120529/27	Method Blank	Total/NA	Solid	8260B	

Metals

Prep Batch: 118710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-2	C-B8-S2	Total/NA	Solid	3050B	
480-38260-2 MS	C-B8-S2	Total/NA	Solid	3050B	
480-38260-2 MSD	C-B8-S2	Total/NA	Solid	3050B	
480-38260-4	C-B9-S	Total/NA	Solid	3050B	
480-38260-4MS	C-B9-S	Total/NA	Solid	3050B	
480-38260-4MSD	C-B9-S	Total/NA	Solid	3050B	
480-38260-6	C-B10-S	Total/NA	Solid	3050B	
480-38260-9	C-B11-S2	Total/NA	Solid	3050B	
480-38260-10	C-B11-S2/D	Total/NA	Solid	3050B	
480-38260-12	C-B12-S	Total/NA	Solid	3050B	
480-38260-13	C-B13-S	Total/NA	Solid	3050B	
480-38260-14	C-B14-S	Total/NA	Solid	3050B	
480-38260-15	C-B15-S	Total/NA	Solid	3050B	
LCSSRM 480-118710/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-118710/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 118968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-2	C-B8-S2	Total/NA	Solid	7471A	
480-38260-2 MS	C-B8-S2	Total/NA	Solid	7471A	
480-38260-2 MSD	C-B8-S2	Total/NA	Solid	7471A	
480-38260-4	C-B9-S	Total/NA	Solid	7471A	
480-38260-4MS	C-B9-S	Total/NA	Solid	7471A	
480-38260-4MSD	C-B9-S	Total/NA	Solid	7471A	
480-38260-6	C-B10-S	Total/NA	Solid	7471A	
480-38260-9	C-B11-S2	Total/NA	Solid	7471A	
480-38260-10	C-B11-S2/D	Total/NA	Solid	7471A	
480-38260-12	C-B12-S	Total/NA	Solid	7471A	
480-38260-13	C-B13-S	Total/NA	Solid	7471A	
480-38260-14	C-B14-S	Total/NA	Solid	7471A	
480-38260-15	C-B15-S	Total/NA	Solid	7471A	
LCSSRM 480-118968/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-118968/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 119025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-2	C-B8-S2	Total/NA	Solid	7471A_ASP	118968
480-38260-2 MS	C-B8-S2	Total/NA	Solid	7471A_ASP	118968
480-38260-2 MSD	C-B8-S2	Total/NA	Solid	7471A_ASP	118968
480-38260-4	C-B9-S	Total/NA	Solid	7471A_ASP	118968
480-38260-4MS	C-B9-S	Total/NA	Solid	7471A_ASP	118968
480-38260-4MSD	C-B9-S	Total/NA	Solid	7471A_ASP	118968
480-38260-6	C-B10-S	Total/NA	Solid	7471A_ASP	118968
480-38260-9	C-B11-S2	Total/NA	Solid	7471A_ASP	118968
480-38260-10	C-B11-S2/D	Total/NA	Solid	7471A_ASP	118968
480-38260-12	C-B12-S	Total/NA	Solid	7471A_ASP	118968
480-38260-13	C-B13-S	Total/NA	Solid	7471A_ASP	118968
480-38260-14	C-B14-S	Total/NA	Solid	7471A_ASP	118968
480-38260-15	C-B15-S	Total/NA	Solid	7471A_ASP	118968
LCSSRM 480-118968/2-A	Lab Control Sample	Total/NA	Solid	7471A_ASP	118968
MB 480-118968/1-A	Method Blank	Total/NA	Solid	7471A_ASP	118968

Metals (Continued)

Analysis Batch: 119501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-2	C-B8-S2	Total/NA	Solid	6010B	118710
480-38260-2 MS	C-B8-S2	Total/NA	Solid	6010B	118710
480-38260-2 MSD	C-B8-S2	Total/NA	Solid	6010B	118710
480-38260-4	C-B9-S	Total/NA	Solid	6010B	118710
480-38260-4MS	C-B9-S	Total/NA	Solid	6010B	118710
480-38260-4MSD	C-B9-S	Total/NA	Solid	6010B	118710
480-38260-6	C-B10-S	Total/NA	Solid	6010B	118710
480-38260-9	C-B11-S2	Total/NA	Solid	6010B	118710
480-38260-10	C-B11-S2/D	Total/NA	Solid	6010B	118710
480-38260-12	C-B12-S	Total/NA	Solid	6010B	118710
480-38260-13	C-B13-S	Total/NA	Solid	6010B	118710
480-38260-14	C-B14-S	Total/NA	Solid	6010B	118710
480-38260-15	C-B15-S	Total/NA	Solid	6010B	118710
LCSSRM 480-118710/2-A	Lab Control Sample	Total/NA	Solid	6010B	118710
MB 480-118710/1-A	Method Blank	Total/NA	Solid	6010B	118710

General Chemistry

Analysis Batch: 118599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38260-1	C-B8-S	Total/NA	Solid	Moisture	
480-38260-2	C-B8-S2	Total/NA	Solid	Moisture	
480-38260-2 MS	C-B8-S2	Total/NA	Solid	Moisture	
480-38260-2 MSD	C-B8-S2	Total/NA	Solid	Moisture	
480-38260-3	C-B8-S3	Total/NA	Solid	Moisture	
480-38260-4	C-B9-S	Total/NA	Solid	Moisture	
480-38260-4MS	C-B9-S	Total/NA	Solid	Moisture	
480-38260-4MSD	C-B9-S	Total/NA	Solid	Moisture	
480-38260-5	C-B9-S2	Total/NA	Solid	Moisture	
480-38260-6	C-B10-S	Total/NA	Solid	Moisture	
480-38260-7	C-B11-S	Total/NA	Solid	Moisture	
480-38260-8	C-B11-S/D	Total/NA	Solid	Moisture	
480-38260-9	C-B11-S2	Total/NA	Solid	Moisture	
480-38260-10	C-B11-S2/D	Total/NA	Solid	Moisture	
480-38260-11	C-B11-S3	Total/NA	Solid	Moisture	
480-38260-12	C-B12-S	Total/NA	Solid	Moisture	
480-38260-13	C-B13-S	Total/NA	Solid	Moisture	
480-38260-14	C-B14-S	Total/NA	Solid	Moisture	
480-38260-15	C-B15-S	Total/NA	Solid	Moisture	
480-38260-16	C-B15-S2	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Client Sample ID: C-B8-S

Lab Sample ID: 480-38260-1
Matrix: Solid
Date Collected: 05/13/13 09:28
Date Received: 05/14/13 15:30
Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			119005	05/16/13 11:29	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	119331	05/18/13 00:44	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B8-S2

Lab Sample ID: 480-38260-2
Matrix: Solid
Date Collected: 05/13/13 09:30
Date Received: 05/14/13 15:30
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:05	JRK	TAL BUF
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 20:31	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B8-S3

Lab Sample ID: 480-38260-3
Matrix: Solid
Date Collected: 05/13/13 09:35
Date Received: 05/14/13 15:30
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			120513	05/24/13 15:37	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	120529	05/25/13 02:17	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B9-S

Lab Sample ID: 480-38260-4
Matrix: Solid
Date Collected: 05/13/13 10:30
Date Received: 05/14/13 15:30
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			119005	05/16/13 11:29	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	119331	05/17/13 23:27	PJQ	TAL BUF
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:12	JRK	TAL BUF
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 20:43	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B9-S2

Lab Sample ID: 480-38260-5

Date Collected: 05/13/13 10:39
Date Received: 05/14/13 15:30

Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			120513	05/24/13 15:37	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	120529	05/25/13 02:42	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B10-S

Lab Sample ID: 480-38260-6

Date Collected: 05/13/13 11:30
Date Received: 05/14/13 15:30

Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			120513	05/24/13 15:37	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	120529	05/25/13 03:08	PJQ	TAL BUF
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:22	JRK	TAL BUF
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 20:51	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B11-S

Lab Sample ID: 480-38260-7

Date Collected: 05/13/13 12:25
Date Received: 05/14/13 15:30

Matrix: Solid
Percent Solids: 71.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			119005	05/16/13 11:29	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	119331	05/18/13 01:09	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B11-S/D

Lab Sample ID: 480-38260-8

Date Collected: 05/13/13 12:25
Date Received: 05/14/13 15:30

Matrix: Solid
Percent Solids: 76.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			119005	05/16/13 11:29	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	119444	05/18/13 20:08	CDC	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B11-S2

Lab Sample ID: 480-38260-9

Date Collected: 05/13/13 12:30
Date Received: 05/14/13 15:30

Matrix: Solid
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:24	JRK	TAL BUF

Client Sample ID: C-B11-S2

Lab Sample ID: 480-38260-9
Date Collected: 05/13/13 12:30
Matrix: Solid
Date Received: 05/14/13 15:30
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 20:58	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B11-S2/D

Lab Sample ID: 480-38260-10
Date Collected: 05/13/13 12:30
Matrix: Solid
Date Received: 05/14/13 15:30
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:26	JRK	TAL BUF
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 21:01	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B11-S3

Lab Sample ID: 480-38260-11
Date Collected: 05/13/13 12:40
Matrix: Solid
Date Received: 05/14/13 15:30
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			120513	05/24/13 15:37	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	120529	05/25/13 03:33	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B12-S

Lab Sample ID: 480-38260-12
Date Collected: 05/14/13 09:07
Matrix: Solid
Date Received: 05/14/13 15:30
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			119005	05/16/13 11:29	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	119444	05/18/13 20:33	CDC	TAL BUF
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:29	JRK	TAL BUF
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 21:03	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B13-S

Date Collected: 05/14/13 10:05
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-13
Matrix: Solid
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			119005	05/16/13 11:29	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	119444	05/18/13 20:59	CDC	TAL BUF
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:31	JRK	TAL BUF
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 21:06	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B14-S

Date Collected: 05/14/13 11:10
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-14
Matrix: Solid
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			119005	05/16/13 11:29	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	119444	05/18/13 21:24	CDC	TAL BUF
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:33	JRK	TAL BUF
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 21:08	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B15-S

Date Collected: 05/14/13 12:40
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-15
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			119005	05/16/13 11:29	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	119444	05/18/13 21:49	CDC	TAL BUF
Total/NA	Prep	7471A			118968	05/16/13 09:00	JRK	TAL BUF
Total/NA	Analysis	7471A_ASP		1	119025	05/16/13 12:35	JRK	TAL BUF
Total/NA	Prep	3050B			118710	05/15/13 16:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	119501	05/17/13 21:11	LH	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Client Sample ID: C-B15-S2

Date Collected: 05/14/13 13:05
Date Received: 05/14/13 15:30

Lab Sample ID: 480-38260-16
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			120513	05/24/13 15:37	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	120529	05/25/13 03:59	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	118599	05/14/13 20:11		TAL BUF

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed Not all certifications are applicable to this report

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13 *
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7471A_ASP	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential*

TestAmerica Job ID: 480-38260-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-38260-1	C-B8-S	Solid	05/13/13 09:28	05/14/13 15:30
480-38260-2	C-B8-S2	Solid	05/13/13 09:30	05/14/13 15:30
480-38260-3	C-B8-S3	Solid	05/13/13 09:35	05/14/13 15:30
480-38260-4	C-B9-S	Solid	05/13/13 10:30	05/14/13 15:30
480-38260-5	C-B9-S2	Solid	05/13/13 10:39	05/14/13 15:30
480-38260-6	C-B10-S	Solid	05/13/13 11:30	05/14/13 15:30
480-38260-7	C-B11-S	Solid	05/13/13 12:25	05/14/13 15:30
480-38260-8	C-B11-S/D	Solid	05/13/13 12:25	05/14/13 15:30
480-38260-9	C-B11-S2	Solid	05/13/13 12:30	05/14/13 15:30
480-38260-10	C-B11-S2/D	Solid	05/13/13 12:30	05/14/13 15:30
480-38260-11	C-B11-S3	Solid	05/13/13 12:40	05/14/13 15:30
480-38260-12	C-B12-S	Solid	05/14/13 09:07	05/14/13 15:30
480-38260-13	C-B13-S	Solid	05/14/13 10:05	05/14/13 15:30
480-38260-14	C-B14-S	Solid	05/14/13 11:10	05/14/13 15:30
480-38260-15	C-B15-S	Solid	05/14/13 12:40	05/14/13 15:30
480-38260-16	C-B15-S2	Solid	05/14/13 13:05	05/14/13 15:30

Getinge Confidential Information

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: StanTec	Project Manager: Mike Storonsky	Date: 5/13/13	Chain of Custody Number: 242036
Address: 161 Commercial St	Telephone Number (Area Code)/Fax Number: 585-475-1440	Lab Number	Page _____ of _____
City: Rochester State: NY Zip Code: 14614	Site Contact: S. Reynolds-Smith	Lab Contact: R. Vandette	Analysis (Attach list if more space is needed)
Project Name and Location (State): Confidential Henrietta, NY	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 1905007 72			

480-38260 Chain of Custody

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	HNO3	HCl	NaOH	ZnAc/NaOH	H2SO4	TCL VOCs+TICs (8260)	RCRA Metals (6010/7471)	
C-B8-S	5/13/13	0928				✓	1	2				1	✓		
C-B8-S2 (MS/MSD)	5/13/13	0930				✓	4							✓	
C-B8-S3	5/13/13	0935				✓	1						✓		Hold - do not analyze
C-B9-S (MS/MSD)	5/13/13	1030				✓	4	6				3	✓	✓	
C-B9-S2	5/13/13	1039				✓	1						✓		Hold - do not analyze
C-B10-S	5/13/13	1130				✓	2						✓	✓	Hold - do not analyze
C-B11-S	5/13/13	1225				✓	1	2				1	✓		
C-B11-S/D	5/13/13	1225				✓	1	2				1	✓		
C-B11-S2	5/13/13	1230				✓	1							✓	
C-B11-S2/D	5/13/13	1230				✓	1							✓	
C-B11-S3	5/13/13	1240				✓	1						✓		Hold - do not analyze

Sample Kept - 5/13/13

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify): MS/MSD at C-B8-S2, at C-B9-S for VOCs

1. Relinquished By	Date: 5/14/13	Time: 1430	1. Received By	Date: 5/14/13	Time: 1430
2. Relinquished By	Date: 5/14/13	Time: 1530	2. Received By	Date: 5/14/13	Time: 1530
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: Temp 8.4 ICE-H1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Page 49 of 51

5/30/2013

Getinge Confidential Information

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TAL-4124 (1007)

Client: Stantec	Project Manager: Mike Sterousky			Date: 5/14/13	Chain of Custody Number: 242037
Address: 61 Commercial St	Telephone Number (Area Code)/Fax Number			Lab Number	Page _____ of _____
City: Rochester	State: NY	Zip Code: 14614	Site Contact: S. Reynolds Smith	Lab Contact: R. VanDette	
Project Name and Location (State): Confidential NY	Carrier/Waybill Number				
Contract/Purchase Order/Quote No.: 190500772					

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	HNO3	HCl	NaOH	ZnAc/NaOH	Methanol	TCL VOCs+TICs (8260)	8RCRA Metals (6010/7471)	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
C-B12-S	5/14/13	0907				✓	3	2				1	✓	✓		
C-B13-S	5/14/13	1005				✓	3	2				1	✓	✓		
C-B14-S	5/14/13	1110				✓	3	2				1	✓	✓		
C-B15-S	5/14/13	1240				✓	3	2				1	✓	✓		
C-B15-S2	5/14/13	1305				✓	1						✓			Hold - do not analyze

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☑ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/14/13	1430	1. Received By	5/14/13	1430
2. Relinquished By	5/14/13	1530	2. Received By	5/14/13	1530
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: Temp 8.4 Ice #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Page 50 of 51

5/30/2013

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 480-38260-1

Login Number: 38260
List Number: 1
Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-38787-1
Client Project/Site: *Confidential* - Groundwater

For:
Stantec Consulting Services Inc
61 Commercial Street
Rochester, New York 14614

Attn: Mr. Michael Storonsky

Eberry

Authorized for release by:
5/28/2013 1:57:40 PM
Eve Berry, Project Administrator
eve.berry@testamericainc.com

Designee for

Ryan VanDette, Project Manager I
ryan.vandette@testamericainc.com

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Surrogate Summary 21
QC Sample Results 22
QC Association Summary 27
Lab Chronicle 28
Certification Summary 30
Method Summary 31
Sample Summary 32
Chain of Custody 33
Receipt Checklists 34

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value

Glossary

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

Job ID: 480-38787-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-38787-1

Comments
No additional comments.

Receipt
The samples were received on 5/22/2013 3:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: C-MW1-W (480-38787-8), C-MW1-W/D (480-38787-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following volatile sample(s) was analyzed with headspace in the sample vial(s) due to multiple injections and/or limited volume: C-TRIP BLANK-052113-W (480-38787-1).

No other analytical or quality issues were noted.

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-TRIP BLANK-052113-W — Lab Sample ID: 480-38787-1

No Detections.

Client Sample ID: C-SW-1-W — Lab Sample ID: 480-38787-2

No Detections.

Client Sample ID: C-SW-2-W — Lab Sample ID: 480-38787-3

No Detections.

Client Sample ID: C-SW-3-W — Lab Sample ID: 480-38787-4

No Detections.

Client Sample ID: C-MW15-W — Lab Sample ID: 480-38787-5

No Detections.

Client Sample ID: C-MW12-W — Lab Sample ID: 480-38787-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13		10		ug/L	1		8260B	Total/NA

Client Sample ID: C-MW13-W — Lab Sample ID: 480-38787-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	14		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: C-MW1-W — Lab Sample ID: 480-38787-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.1		1.0		ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	30		1.0		ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.9		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	3800	E	1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	2.2		1.0		ug/L	1		8260B	Total/NA
Trichloroethene - DL	2700		200		ug/L	200		8260B	Total/NA

Client Sample ID: C-MW1-W/D — Lab Sample ID: 480-38787-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.3		1.0		ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	30		1.0		ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.8		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	3900	E	1.0		ug/L	1		8260B	Total/NA
Trichloroethene - DL	2900		200		ug/L	200		8260B	Total/NA

Client Sample ID: C-MW14-W — Lab Sample ID: 480-38787-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	5.4		1.0		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-TRIP BLANK-052113-W
Date Collected: 05/21/13 14:25
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 14:50	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 14:50	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 14:50	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 14:50	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 14:50	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 14:50	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 14:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 14:50	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 14:50	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 14:50	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 14:50	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 14:50	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 14:50	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 14:50	1
2-Hexanone	ND		5.0		ug/L			05/24/13 14:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 14:50	1
Acetone	ND		10		ug/L			05/24/13 14:50	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 14:50	1
Benzene	ND		1.0		ug/L			05/24/13 14:50	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 14:50	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 14:50	1
Bromoform	ND		1.0		ug/L			05/24/13 14:50	1
Bromomethane	ND		1.0		ug/L			05/24/13 14:50	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 14:50	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 14:50	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 14:50	1
Chloroethane	ND		1.0		ug/L			05/24/13 14:50	1
Chloroform	ND		1.0		ug/L			05/24/13 14:50	1
Chloromethane	ND		1.0		ug/L			05/24/13 14:50	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 14:50	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 14:50	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 14:50	1
Dibromomethane	ND		1.0		ug/L			05/24/13 14:50	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 14:50	1
Iodomethane	ND		1.0		ug/L			05/24/13 14:50	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 14:50	1
Styrene	ND		1.0		ug/L			05/24/13 14:50	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 14:50	1
Toluene	ND		1.0		ug/L			05/24/13 14:50	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 14:50	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 14:50	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 14:50	1
Trichloroethene	ND		1.0		ug/L			05/24/13 14:50	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 14:50	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 14:50	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 14:50	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 14:50	1

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-TRIP BLANK-052113-W

Lab Sample ID: 480-38787-1
Matrix: Water

Date Collected: 05/21/13 14:25
Date Received: 05/22/13 15:30

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	33		ug/L		2.96	67-63-0		05/24/13 14:50	1
Tentatively Identified Compound	None		ug/L					05/24/13 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		05/24/13 14:50	1
4-Bromofluorobenzene (Surr)	89		73 - 120		05/24/13 14:50	1
Toluene-d8 (Surr)	101		71 - 126		05/24/13 14:50	1

Client Sample ID: C-SW-1-W

Lab Sample ID: 480-38787-2
Matrix: Water

Date Collected: 05/21/13 14:30
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 01:50	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 01:50	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 01:50	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 01:50	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 01:50	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 01:50	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 01:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 01:50	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 01:50	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 01:50	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 01:50	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 01:50	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 01:50	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 01:50	1
2-Hexanone	ND		5.0		ug/L			05/24/13 01:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 01:50	1
Acetone	ND		10		ug/L			05/24/13 01:50	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 01:50	1
Benzene	ND		1.0		ug/L			05/24/13 01:50	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 01:50	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 01:50	1
Bromoform	ND		1.0		ug/L			05/24/13 01:50	1
Bromomethane	ND		1.0		ug/L			05/24/13 01:50	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 01:50	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 01:50	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 01:50	1
Chloroethane	ND		1.0		ug/L			05/24/13 01:50	1
Chloroform	ND		1.0		ug/L			05/24/13 01:50	1
Chloromethane	ND		1.0		ug/L			05/24/13 01:50	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 01:50	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 01:50	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 01:50	1
Dibromomethane	ND		1.0		ug/L			05/24/13 01:50	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 01:50	1
Iodomethane	ND		1.0		ug/L			05/24/13 01:50	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 01:50	1

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-SW-1-W

Lab Sample ID: 480-38787-2
Matrix: Water

Date Collected: 05/21/13 14:30
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0		ug/L			05/24/13 01:50	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 01:50	1
Toluene	ND		1.0		ug/L			05/24/13 01:50	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 01:50	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 01:50	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 01:50	1
Trichloroethene	ND		1.0		ug/L			05/24/13 01:50	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 01:50	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 01:50	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 01:50	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 01:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*5.7*	*T J N*	*ug/L*		*4.17*	*1066-40-6*		*05/24/13 01:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*05/24/13 01:50*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*05/24/13 01:50*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/24/13 01:50*	*1*

Client Sample ID: C-SW-2-W

Lab Sample ID: 480-38787-3
Matrix: Water

Date Collected: 05/21/13 15:00
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 02:53	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 02:53	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 02:53	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 02:53	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 02:53	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 02:53	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 02:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 02:53	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 02:53	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 02:53	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 02:53	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 02:53	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 02:53	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 02:53	1
2-Hexanone	ND		5.0		ug/L			05/24/13 02:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 02:53	1
Acetone	ND		10		ug/L			05/24/13 02:53	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 02:53	1
Benzene	ND		1.0		ug/L			05/24/13 02:53	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 02:53	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 02:53	1
Bromoform	ND		1.0		ug/L			05/24/13 02:53	1
Bromomethane	ND		1.0		ug/L			05/24/13 02:53	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 02:53	1

Client Sample ID: C-SW-2-W

Lab Sample ID: 480-38787-3
Matrix: Water

Date Collected: 05/21/13 15:00
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 02:53	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 02:53	1
Chloroethane	ND		1.0		ug/L			05/24/13 02:53	1
Chloroform	ND		1.0		ug/L			05/24/13 02:53	1
Chloromethane	ND		1.0		ug/L			05/24/13 02:53	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 02:53	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 02:53	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 02:53	1
Dibromomethane	ND		1.0		ug/L			05/24/13 02:53	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 02:53	1
Iodomethane	ND		1.0		ug/L			05/24/13 02:53	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 02:53	1
Styrene	ND		1.0		ug/L			05/24/13 02:53	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 02:53	1
Toluene	ND		1.0		ug/L			05/24/13 02:53	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 02:53	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 02:53	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 02:53	1
Trichloroethene	ND		1.0		ug/L			05/24/13 02:53	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 02:53	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 02:53	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 02:53	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 02:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*3.4*	*T J N*	*ug/L*		*4.17*	*1066-40-6*		*05/24/13 02:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*05/24/13 02:53*	*1*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*05/24/13 02:53*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/24/13 02:53*	*1*

Client Sample ID: C-SW-3-W

Lab Sample ID: 480-38787-4
Matrix: Water

Date Collected: 05/21/13 15:10
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 03:13	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 03:13	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 03:13	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 03:13	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 03:13	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 03:13	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 03:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 03:13	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 03:13	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 03:13	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 03:13	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 03:13	1

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-SW-3-W
Date Collected: 05/21/13 15:10
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 03:13	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 03:13	1
2-Hexanone	ND		5.0		ug/L			05/24/13 03:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 03:13	1
Acetone	ND		10		ug/L			05/24/13 03:13	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 03:13	1
Benzene	ND		1.0		ug/L			05/24/13 03:13	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 03:13	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 03:13	1
Bromoform	ND		1.0		ug/L			05/24/13 03:13	1
Bromomethane	ND		1.0		ug/L			05/24/13 03:13	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 03:13	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 03:13	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 03:13	1
Chloroethane	ND		1.0		ug/L			05/24/13 03:13	1
Chloroform	ND		1.0		ug/L			05/24/13 03:13	1
Chloromethane	ND		1.0		ug/L			05/24/13 03:13	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 03:13	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 03:13	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 03:13	1
Dibromomethane	ND		1.0		ug/L			05/24/13 03:13	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 03:13	1
Iodomethane	ND		1.0		ug/L			05/24/13 03:13	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 03:13	1
Styrene	ND		1.0		ug/L			05/24/13 03:13	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 03:13	1
Toluene	ND		1.0		ug/L			05/24/13 03:13	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 03:13	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 03:13	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 03:13	1
Trichloroethene	ND		1.0		ug/L			05/24/13 03:13	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 03:13	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 03:13	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 03:13	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 03:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*2.7*	*T J N*	*ug/L*		*4.17*	*1066-40-6*		*05/24/13 03:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/24/13 03:13*	*1*
4-Bromofluorobenzene (Surr)	*77*		*73 - 120*		*05/24/13 03:13*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*05/24/13 03:13*	*1*

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-MW15-W
Date Collected: 05/21/13 15:40
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 03:34	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 03:34	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 03:34	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 03:34	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 03:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 03:34	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 03:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 03:34	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 03:34	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 03:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 03:34	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 03:34	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 03:34	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 03:34	1
2-Hexanone	ND		5.0		ug/L			05/24/13 03:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 03:34	1
Acetone	ND		10		ug/L			05/24/13 03:34	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 03:34	1
Benzene	ND		1.0		ug/L			05/24/13 03:34	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 03:34	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 03:34	1
Bromoform	ND		1.0		ug/L			05/24/13 03:34	1
Bromomethane	ND		1.0		ug/L			05/24/13 03:34	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 03:34	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 03:34	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 03:34	1
Chloroethane	ND		1.0		ug/L			05/24/13 03:34	1
Chloroform	ND		1.0		ug/L			05/24/13 03:34	1
Chloromethane	ND		1.0		ug/L			05/24/13 03:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 03:34	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 03:34	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 03:34	1
Dibromomethane	ND		1.0		ug/L			05/24/13 03:34	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 03:34	1
Iodomethane	ND		1.0		ug/L			05/24/13 03:34	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 03:34	1
Styrene	ND		1.0		ug/L			05/24/13 03:34	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 03:34	1
Toluene	ND		1.0		ug/L			05/24/13 03:34	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 03:34	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 03:34	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 03:34	1
Trichloroethene	ND		1.0		ug/L			05/24/13 03:34	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 03:34	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 03:34	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 03:34	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 03:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/13 03:34*	*1*

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-MW15-W

Date Collected: 05/21/13 15:40
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		66 - 137		05/24/13 03:34	1
4-Bromofluorobenzene (Surr)	77		73 - 120		05/24/13 03:34	1
Toluene-d8 (Surr)	91		71 - 126		05/24/13 03:34	1

Client Sample ID: C-MW12-W

Date Collected: 05/21/13 16:00
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 03:54	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 03:54	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 03:54	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 03:54	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 03:54	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 03:54	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 03:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 03:54	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 03:54	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 03:54	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 03:54	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 03:54	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 03:54	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 03:54	1
2-Hexanone	ND		5.0		ug/L			05/24/13 03:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 03:54	1
Acetone	13		10		ug/L			05/24/13 03:54	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 03:54	1
Benzene	ND		1.0		ug/L			05/24/13 03:54	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 03:54	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 03:54	1
Bromoform	ND		1.0		ug/L			05/24/13 03:54	1
Bromomethane	ND		1.0		ug/L			05/24/13 03:54	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 03:54	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 03:54	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 03:54	1
Chloroethane	ND		1.0		ug/L			05/24/13 03:54	1
Chloroform	ND		1.0		ug/L			05/24/13 03:54	1
Chloromethane	ND		1.0		ug/L			05/24/13 03:54	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 03:54	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 03:54	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 03:54	1
Dibromomethane	ND		1.0		ug/L			05/24/13 03:54	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 03:54	1
Iodomethane	ND		1.0		ug/L			05/24/13 03:54	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 03:54	1
Styrene	ND		1.0		ug/L			05/24/13 03:54	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 03:54	1
Toluene	ND		1.0		ug/L			05/24/13 03:54	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 03:54	1

Client Sample ID: C-MW12-W

Lab Sample ID: 480-38787-6
Matrix: Water

Date Collected: 05/21/13 16:00
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 03:54	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 03:54	1
Trichloroethene	ND		1.0		ug/L			05/24/13 03:54	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 03:54	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 03:54	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 03:54	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 03:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*3.3*	*T J N*	*ug/L*		*4.18*	*1066-40-6*		*05/24/13 03:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*05/24/13 03:54*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*05/24/13 03:54*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/24/13 03:54*	*1*

Client Sample ID: C-MW13-W

Lab Sample ID: 480-38787-7
Matrix: Water

Date Collected: 05/21/13 16:15
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 04:15	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 04:15	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 04:15	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 04:15	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 04:15	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 04:15	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 04:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 04:15	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 04:15	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 04:15	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 04:15	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 04:15	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 04:15	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 04:15	1
2-Hexanone	ND		5.0		ug/L			05/24/13 04:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 04:15	1
Acetone	ND		10		ug/L			05/24/13 04:15	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 04:15	1
Benzene	ND		1.0		ug/L			05/24/13 04:15	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 04:15	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 04:15	1
Bromoform	ND		1.0		ug/L			05/24/13 04:15	1
Bromomethane	ND		1.0		ug/L			05/24/13 04:15	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 04:15	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 04:15	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 04:15	1
Chloroethane	ND		1.0		ug/L			05/24/13 04:15	1
Chloroform	ND		1.0		ug/L			05/24/13 04:15	1

Client Sample ID: C-MW13-W

Lab Sample ID: 480-38787-7
Matrix: Water

Date Collected: 05/21/13 16:15
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0		ug/L			05/24/13 04:15	1
cis-1,2-Dichloroethene	2.7		1.0		ug/L			05/24/13 04:15	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 04:15	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 04:15	1
Dibromomethane	ND		1.0		ug/L			05/24/13 04:15	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 04:15	1
Iodomethane	ND		1.0		ug/L			05/24/13 04:15	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 04:15	1
Styrene	ND		1.0		ug/L			05/24/13 04:15	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 04:15	1
Toluene	ND		1.0		ug/L			05/24/13 04:15	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 04:15	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 04:15	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 04:15	1
Trichloroethene	14		1.0		ug/L			05/24/13 04:15	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 04:15	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 04:15	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 04:15	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 04:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/13 04:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*05/24/13 04:15*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*05/24/13 04:15*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/24/13 04:15*	*1*

Client Sample ID: C-MW1-W

Lab Sample ID: 480-38787-8
Matrix: Water

Date Collected: 05/21/13 16:30
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 04:35	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 04:35	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 04:35	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 04:35	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 04:35	1
1,1-Dichloroethene	1.1		1.0		ug/L			05/24/13 04:35	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 04:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 04:35	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 04:35	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 04:35	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 04:35	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 04:35	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 04:35	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 04:35	1
2-Hexanone	ND		5.0		ug/L			05/24/13 04:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 04:35	1

Client Sample ID: C-MW1-W
Date Collected: 05/21/13 16:30
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/L			05/24/13 04:35	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 04:35	1
Benzene	ND		1.0		ug/L			05/24/13 04:35	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 04:35	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 04:35	1
Bromoform	ND		1.0		ug/L			05/24/13 04:35	1
Bromomethane	ND		1.0		ug/L			05/24/13 04:35	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 04:35	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 04:35	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 04:35	1
Chloroethane	ND		1.0		ug/L			05/24/13 04:35	1
Chloroform	ND		1.0		ug/L			05/24/13 04:35	1
Chloromethane	ND		1.0		ug/L			05/24/13 04:35	1
cis-1,2-Dichloroethene	**30**		1.0		ug/L			05/24/13 04:35	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 04:35	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 04:35	1
Dibromomethane	ND		1.0		ug/L			05/24/13 04:35	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 04:35	1
Iodomethane	ND		1.0		ug/L			05/24/13 04:35	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 04:35	1
Styrene	ND		1.0		ug/L			05/24/13 04:35	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 04:35	1
Toluene	ND		1.0		ug/L			05/24/13 04:35	1
trans-1,2-Dichloroethene	**5.9**		1.0		ug/L			05/24/13 04:35	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 04:35	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 04:35	1
Trichloroethene	**3800**	**E**	1.0		ug/L			05/24/13 04:35	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 04:35	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 04:35	1
Vinyl chloride	**2.2**		1.0		ug/L			05/24/13 04:35	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 04:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Penten-3-yne	*22*	*T J N*	*ug/L*		*5.39*	*646-5-9*		*05/24/13 04:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/24/13 04:35*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*05/24/13 04:35*	*1*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/24/13 04:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		200		ug/L			05/24/13 15:11	200
1,1,1-Trichloroethane	ND		200		ug/L			05/24/13 15:11	200
1,1,2,2-Tetrachloroethane	ND		200		ug/L			05/24/13 15:11	200
1,1,2-Trichloroethane	ND		200		ug/L			05/24/13 15:11	200
1,1-Dichloroethane	ND		200		ug/L			05/24/13 15:11	200
1,1-Dichloroethene	ND		200		ug/L			05/24/13 15:11	200
1,2,3-Trichloropropane	ND		200		ug/L			05/24/13 15:11	200
1,2-Dibromo-3-Chloropropane	ND		200		ug/L			05/24/13 15:11	200

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-MW1-W
Date Collected: 05/21/13 16:30
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		200		ug/L			05/24/13 15:11	200
1,2-Dichlorobenzene	ND		200		ug/L			05/24/13 15:11	200
1,2-Dichloroethane	ND		200		ug/L			05/24/13 15:11	200
1,2-Dichloropropane	ND		200		ug/L			05/24/13 15:11	200
1,4-Dichlorobenzene	ND		200		ug/L			05/24/13 15:11	200
2-Butanone (MEK)	ND		2000		ug/L			05/24/13 15:11	200
2-Hexanone	ND		1000		ug/L			05/24/13 15:11	200
4-Methyl-2-pentanone (MIBK)	ND		1000		ug/L			05/24/13 15:11	200
Acetone	ND		2000		ug/L			05/24/13 15:11	200
Acrylonitrile	ND		1000		ug/L			05/24/13 15:11	200
Benzene	ND		200		ug/L			05/24/13 15:11	200
Bromochloromethane	ND		200		ug/L			05/24/13 15:11	200
Bromodichloromethane	ND		200		ug/L			05/24/13 15:11	200
Bromoform	ND		200		ug/L			05/24/13 15:11	200
Bromomethane	ND		200		ug/L			05/24/13 15:11	200
Carbon disulfide	ND		200		ug/L			05/24/13 15:11	200
Carbon tetrachloride	ND		200		ug/L			05/24/13 15:11	200
Chlorobenzene	ND		200		ug/L			05/24/13 15:11	200
Chloroethane	ND		200		ug/L			05/24/13 15:11	200
Chloroform	ND		200		ug/L			05/24/13 15:11	200
Chloromethane	ND		200		ug/L			05/24/13 15:11	200
cis-1,2-Dichloroethene	ND		200		ug/L			05/24/13 15:11	200
cis-1,3-Dichloropropene	ND		200		ug/L			05/24/13 15:11	200
Dibromochloromethane	ND		200		ug/L			05/24/13 15:11	200
Dibromomethane	ND		200		ug/L			05/24/13 15:11	200
Ethylbenzene	ND		200		ug/L			05/24/13 15:11	200
Iodomethane	ND		200		ug/L			05/24/13 15:11	200
Methylene Chloride	ND		200		ug/L			05/24/13 15:11	200
Styrene	ND		200		ug/L			05/24/13 15:11	200
Tetrachloroethene	ND		200		ug/L			05/24/13 15:11	200
Toluene	ND		200		ug/L			05/24/13 15:11	200
trans-1,2-Dichloroethene	ND		200		ug/L			05/24/13 15:11	200
trans-1,3-Dichloropropene	ND		200		ug/L			05/24/13 15:11	200
trans-1,4-Dichloro-2-butene	ND		1000		ug/L			05/24/13 15:11	200
Trichloroethene	**2700**		200		ug/L			05/24/13 15:11	200
Trichlorofluoromethane	ND		200		ug/L			05/24/13 15:11	200
Vinyl acetate	ND		1000		ug/L			05/24/13 15:11	200
Vinyl chloride	ND		200		ug/L			05/24/13 15:11	200
Xylenes, Total	ND		400		ug/L			05/24/13 15:11	200

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/13 15:11*	*200*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*05/24/13 15:11*	*200*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*05/24/13 15:11*	*200*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/24/13 15:11*	*200*

Client Sample ID: C-MW1-W/D
Date Collected: 05/21/13 16:30
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 04:56	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 04:56	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 04:56	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 04:56	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 04:56	1
1,1-Dichloroethene	**1.3**		1.0		ug/L			05/24/13 04:56	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 04:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 04:56	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 04:56	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 04:56	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 04:56	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 04:56	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 04:56	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 04:56	1
2-Hexanone	ND		5.0		ug/L			05/24/13 04:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 04:56	1
Acetone	ND		10		ug/L			05/24/13 04:56	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 04:56	1
Benzene	ND		1.0		ug/L			05/24/13 04:56	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 04:56	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 04:56	1
Bromoform	ND		1.0		ug/L			05/24/13 04:56	1
Bromomethane	ND		1.0		ug/L			05/24/13 04:56	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 04:56	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 04:56	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 04:56	1
Chloroethane	ND		1.0		ug/L			05/24/13 04:56	1
Chloroform	ND		1.0		ug/L			05/24/13 04:56	1
Chloromethane	ND		1.0		ug/L			05/24/13 04:56	1
cis-1,2-Dichloroethene	**30**		1.0		ug/L			05/24/13 04:56	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 04:56	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 04:56	1
Dibromomethane	ND		1.0		ug/L			05/24/13 04:56	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 04:56	1
Iodomethane	ND		1.0		ug/L			05/24/13 04:56	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 04:56	1
Styrene	ND		1.0		ug/L			05/24/13 04:56	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 04:56	1
Toluene	ND		1.0		ug/L			05/24/13 04:56	1
trans-1,2-Dichloroethene	**6.8**		1.0		ug/L			05/24/13 04:56	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 04:56	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 04:56	1
Trichloroethene	**3900**	**E**	1.0		ug/L			05/24/13 04:56	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 04:56	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 04:56	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 04:56	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 04:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Phosphine, ethyl-	*22*	*T J N*	*ug/L*		*5.39*	*593-68-0*		*05/24/13 04:56*	*1*

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-MW1-W/D
Date Collected: 05/21/13 16:30
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		05/24/13 04:56	1
4-Bromofluorobenzene (Surr)	81		73 - 120		05/24/13 04:56	1
Toluene-d8 (Surr)	96		71 - 126		05/24/13 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		200		ug/L			05/24/13 15:32	200
1,1,1-Trichloroethane	ND		200		ug/L			05/24/13 15:32	200
1,1,2,2-Tetrachloroethane	ND		200		ug/L			05/24/13 15:32	200
1,1,2-Trichloroethane	ND		200		ug/L			05/24/13 15:32	200
1,1-Dichloroethane	ND		200		ug/L			05/24/13 15:32	200
1,1-Dichloroethene	ND		200		ug/L			05/24/13 15:32	200
1,2,3-Trichloropropane	ND		200		ug/L			05/24/13 15:32	200
1,2-Dibromo-3-Chloropropane	ND		200		ug/L			05/24/13 15:32	200
1,2-Dibromoethane	ND		200		ug/L			05/24/13 15:32	200
1,2-Dichlorobenzene	ND		200		ug/L			05/24/13 15:32	200
1,2-Dichloroethane	ND		200		ug/L			05/24/13 15:32	200
1,2-Dichloropropane	ND		200		ug/L			05/24/13 15:32	200
1,4-Dichlorobenzene	ND		200		ug/L			05/24/13 15:32	200
2-Butanone (MEK)	ND		2000		ug/L			05/24/13 15:32	200
2-Hexanone	ND		1000		ug/L			05/24/13 15:32	200
4-Methyl-2-pentanone (MIBK)	ND		1000		ug/L			05/24/13 15:32	200
Acetone	ND		2000		ug/L			05/24/13 15:32	200
Acrylonitrile	ND		1000		ug/L			05/24/13 15:32	200
Benzene	ND		200		ug/L			05/24/13 15:32	200
Bromochloromethane	ND		200		ug/L			05/24/13 15:32	200
Bromodichloromethane	ND		200		ug/L			05/24/13 15:32	200
Bromoform	ND		200		ug/L			05/24/13 15:32	200
Bromomethane	ND		200		ug/L			05/24/13 15:32	200
Carbon disulfide	ND		200		ug/L			05/24/13 15:32	200
Carbon tetrachloride	ND		200		ug/L			05/24/13 15:32	200
Chlorobenzene	ND		200		ug/L			05/24/13 15:32	200
Chloroethane	ND		200		ug/L			05/24/13 15:32	200
Chloroform	ND		200		ug/L			05/24/13 15:32	200
Chloromethane	ND		200		ug/L			05/24/13 15:32	200
cis-1,2-Dichloroethene	ND		200		ug/L			05/24/13 15:32	200
cis-1,3-Dichloropropene	ND		200		ug/L			05/24/13 15:32	200
Dibromochloromethane	ND		200		ug/L			05/24/13 15:32	200
Dibromomethane	ND		200		ug/L			05/24/13 15:32	200
Ethylbenzene	ND		200		ug/L			05/24/13 15:32	200
Iodomethane	ND		200		ug/L			05/24/13 15:32	200
Methylene Chloride	ND		200		ug/L			05/24/13 15:32	200
Styrene	ND		200		ug/L			05/24/13 15:32	200
Tetrachloroethene	ND		200		ug/L			05/24/13 15:32	200
Toluene	ND		200		ug/L			05/24/13 15:32	200
trans-1,2-Dichloroethene	ND		200		ug/L			05/24/13 15:32	200
trans-1,3-Dichloropropene	ND		200		ug/L			05/24/13 15:32	200
trans-1,4-Dichloro-2-butene	ND		1000		ug/L			05/24/13 15:32	200
Trichloroethene	**2900**		200		ug/L			05/24/13 15:32	200
Trichlorofluoromethane	ND		200		ug/L			05/24/13 15:32	200

Client Sample ID: C-MW1-W/D

Lab Sample ID: 480-38787-9
Matrix: Water

Date Collected: 05/21/13 16:30
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		1000		ug/L			05/24/13 15:32	200
Vinyl chloride	ND		200		ug/L			05/24/13 15:32	200
Xylenes, Total	ND		400		ug/L			05/24/13 15:32	200

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/13 15:32*	*200*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*05/24/13 15:32*	*200*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*05/24/13 15:32*	*200*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/24/13 15:32*	*200*

Client Sample ID: C-MW14-W

Lab Sample ID: 480-38787-10
Matrix: Water

Date Collected: 05/22/13 08:20
Date Received: 05/22/13 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 15:53	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 15:53	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 15:53	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 15:53	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 15:53	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 15:53	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 15:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 15:53	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 15:53	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 15:53	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 15:53	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 15:53	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 15:53	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 15:53	1
2-Hexanone	ND		5.0		ug/L			05/24/13 15:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 15:53	1
Acetone	ND		10		ug/L			05/24/13 15:53	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 15:53	1
Benzene	ND		1.0		ug/L			05/24/13 15:53	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 15:53	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 15:53	1
Bromoform	ND		1.0		ug/L			05/24/13 15:53	1
Bromomethane	ND		1.0		ug/L			05/24/13 15:53	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 15:53	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 15:53	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 15:53	1
Chloroethane	ND		1.0		ug/L			05/24/13 15:53	1
Chloroform	ND		1.0		ug/L			05/24/13 15:53	1
Chloromethane	ND		1.0		ug/L			05/24/13 15:53	1
cis-1,2-Dichloroethene	**1.3**		1.0		ug/L			05/24/13 15:53	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 15:53	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 15:53	1

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-MW14-W
Date Collected: 05/22/13 08:20
Date Received: 05/22/13 15:30

Lab Sample ID: 480-38787-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		1.0		ug/L			05/24/13 15:53	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 15:53	1
Iodomethane	ND		1.0		ug/L			05/24/13 15:53	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 15:53	1
Styrene	ND		1.0		ug/L			05/24/13 15:53	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 15:53	1
Toluene	ND		1.0		ug/L			05/24/13 15:53	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 15:53	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 15:53	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 15:53	1
Trichloroethene	**5.4**		1.0		ug/L			05/24/13 15:53	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 15:53	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 15:53	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 15:53	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 15:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/13 15:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*05/24/13 15:53*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*05/24/13 15:53*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*05/24/13 15:53*	*1*

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-38787-1	C-TRIP BLANK-052113-W	106	89	101
480-38787-2	C-SW-1-W	98	81	95
480-38787-2 MS	C-SW-1-W	94	86	94
480-38787-2 MSD	C-SW-1-W	96	85	89
480-38787-3	C-SW-2-W	91	79	96
480-38787-4	C-SW-3-W	100	77	93
480-38787-5	C-MW15-W	98	77	91
480-38787-6	C-MW12-W	102	82	96
480-38787-7	C-MW13-W	101	83	96
480-38787-8	C-MW1-W	99	83	100
480-38787-8 - DL	C-MW1-W	103	84	98
480-38787-9	C-MW1-W/D	104	81	96
480-38787-9 - DL	C-MW1-W/D	101	81	96
480-38787-10	C-MW14-W	97	83	99
LCS 480-120329/4	Lab Control Sample	90	90	91
LCS 480-120440/4	Lab Control Sample	99	94	95
MB 480-120329/5	Method Blank	94	76	89
MB 480-120440/5	Method Blank	99	80	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

Lab Sample ID: MB 480-120329/5
Matrix: Water
Analysis Batch: 120329

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/23/13 21:08	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/23/13 21:08	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/23/13 21:08	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/23/13 21:08	1
1,1-Dichloroethane	ND		1.0		ug/L			05/23/13 21:08	1
1,1-Dichloroethene	ND		1.0		ug/L			05/23/13 21:08	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/23/13 21:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/23/13 21:08	1
1,2-Dibromoethane	ND		1.0		ug/L			05/23/13 21:08	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/23/13 21:08	1
1,2-Dichloroethane	ND		1.0		ug/L			05/23/13 21:08	1
1,2-Dichloropropane	ND		1.0		ug/L			05/23/13 21:08	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/23/13 21:08	1
2-Butanone (MEK)	ND		10		ug/L			05/23/13 21:08	1
2-Hexanone	ND		5.0		ug/L			05/23/13 21:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/23/13 21:08	1
Acetone	ND		10		ug/L			05/23/13 21:08	1
Acrylonitrile	ND		5.0		ug/L			05/23/13 21:08	1
Benzene	ND		1.0		ug/L			05/23/13 21:08	1
Bromochloromethane	ND		1.0		ug/L			05/23/13 21:08	1
Bromodichloromethane	ND		1.0		ug/L			05/23/13 21:08	1
Bromoform	ND		1.0		ug/L			05/23/13 21:08	1
Bromomethane	ND		1.0		ug/L			05/23/13 21:08	1
Carbon disulfide	ND		1.0		ug/L			05/23/13 21:08	1
Carbon tetrachloride	ND		1.0		ug/L			05/23/13 21:08	1
Chlorobenzene	ND		1.0		ug/L			05/23/13 21:08	1
Chloroethane	ND		1.0		ug/L			05/23/13 21:08	1
Chloroform	ND		1.0		ug/L			05/23/13 21:08	1
Chloromethane	ND		1.0		ug/L			05/23/13 21:08	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/23/13 21:08	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/23/13 21:08	1
Dibromochloromethane	ND		1.0		ug/L			05/23/13 21:08	1
Dibromomethane	ND		1.0		ug/L			05/23/13 21:08	1
Ethylbenzene	ND		1.0		ug/L			05/23/13 21:08	1
Iodomethane	ND		1.0		ug/L			05/23/13 21:08	1
Methylene Chloride	ND		1.0		ug/L			05/23/13 21:08	1
Styrene	ND		1.0		ug/L			05/23/13 21:08	1
Tetrachloroethene	ND		1.0		ug/L			05/23/13 21:08	1
Toluene	ND		1.0		ug/L			05/23/13 21:08	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/23/13 21:08	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/23/13 21:08	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/23/13 21:08	1
Trichloroethene	ND		1.0		ug/L			05/23/13 21:08	1
Trichlorofluoromethane	ND		1.0		ug/L			05/23/13 21:08	1
Vinyl acetate	ND		5.0		ug/L			05/23/13 21:08	1
Vinyl chloride	ND		1.0		ug/L			05/23/13 21:08	1
Xylenes, Total	ND		2.0		ug/L			05/23/13 21:08	1

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

Lab Sample ID: MB 480-120329/5
Matrix: Water
Analysis Batch: 120329

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					05/23/13 21:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		05/23/13 21:08	1
4-Bromofluorobenzene (Surr)	76		73 - 120		05/23/13 21:08	1
Toluene-d8 (Surr)	89		71 - 126		05/23/13 21:08	1

Lab Sample ID: LCS 480-120329/4
Matrix: Water
Analysis Batch: 120329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.5		ug/L		90	71 - 129
1,1-Dichloroethene	25.0	18.4		ug/L		73	58 - 121
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	25.8		ug/L		103	75 - 127
Benzene	25.0	25.4		ug/L		102	71 - 124
Chlorobenzene	25.0	24.6		ug/L		98	72 - 120
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
Ethylbenzene	25.0	27.1		ug/L		108	77 - 123
Tetrachloroethene	25.0	21.8		ug/L		87	74 - 122
Toluene	25.0	26.4		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	22.4		ug/L		90	73 - 127
Trichloroethene	25.0	24.6		ug/L		99	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		66 - 137
4-Bromofluorobenzene (Surr)	90		73 - 120
Toluene-d8 (Surr)	91		71 - 126

Lab Sample ID: 480-38787-2 MS
Matrix: Water
Analysis Batch: 120329

Client Sample ID: C-SW-1-W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		25.0	23.3		ug/L		93	71 - 129
1,1-Dichloroethene	ND		25.0	18.9		ug/L		76	58 - 121
1,2-Dichlorobenzene	ND		25.0	26.5		ug/L		106	80 - 124
1,2-Dichloroethane	ND		25.0	26.0		ug/L		104	75 - 127
Benzene	ND		25.0	26.6		ug/L		106	71 - 124
Chlorobenzene	ND		25.0	25.8		ug/L		103	72 - 120
cis-1,2-Dichloroethene	ND		25.0	23.8		ug/L		95	74 - 124
Ethylbenzene	ND		25.0	27.7		ug/L		111	77 - 123
Tetrachloroethene	ND		25.0	23.0		ug/L		92	74 - 122
Toluene	ND		25.0	26.6		ug/L		106	80 - 122
trans-1,2-Dichloroethene	ND		25.0	23.4		ug/L		94	73 - 127
Trichloroethene	ND		25.0	26.4		ug/L		106	74 - 123

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

Lab Sample ID: 480-38787-2 MS
Matrix: Water
Analysis Batch: 120329

Client Sample ID: C-SW-1-W
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*
Toluene-d8 (Surr)	*94*		*71 - 126*

Lab Sample ID: 480-38787-2 MSD
Matrix: Water
Analysis Batch: 120329

Client Sample ID: C-SW-1-W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		25.0	24.1		ug/L		96	71 - 129	4	20
1,1-Dichloroethene	ND		25.0	19.7		ug/L		79	58 - 121	4	16
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	80 - 124	5	20
1,2-Dichloroethane	ND		25.0	27.8		ug/L		111	75 - 127	7	20
Benzene	ND		25.0	28.4		ug/L		114	71 - 124	7	13
Chlorobenzene	ND		25.0	26.0		ug/L		104	72 - 120	1	25
cis-1,2-Dichloroethene	ND		25.0	25.2		ug/L		101	74 - 124	6	15
Ethylbenzene	ND		25.0	27.9		ug/L		112	77 - 123	1	15
Tetrachloroethene	ND		25.0	23.1		ug/L		92	74 - 122	0	20
Toluene	ND		25.0	27.7		ug/L		111	80 - 122	4	15
trans-1,2-Dichloroethene	ND		25.0	24.7		ug/L		99	73 - 127	6	20
Trichloroethene	ND		25.0	27.1		ug/L		108	74 - 123	2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*
Toluene-d8 (Surr)	*89*		*71 - 126*

Lab Sample ID: MB 480-120440/5
Matrix: Water
Analysis Batch: 120440

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 13:37	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/13 13:37	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			05/24/13 13:37	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/13 13:37	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/13 13:37	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/13 13:37	1
1,2,3-Trichloropropane	ND		1.0		ug/L			05/24/13 13:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/24/13 13:37	1
1,2-Dibromoethane	ND		1.0		ug/L			05/24/13 13:37	1
1,2-Dichlorobenzene	ND		1.0		ug/L			05/24/13 13:37	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/13 13:37	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/13 13:37	1
1,4-Dichlorobenzene	ND		1.0		ug/L			05/24/13 13:37	1
2-Butanone (MEK)	ND		10		ug/L			05/24/13 13:37	1
2-Hexanone	ND		5.0		ug/L			05/24/13 13:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			05/24/13 13:37	1

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

Lab Sample ID: MB 480-120440/5
Matrix: Water
Analysis Batch: 120440

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10		ug/L			05/24/13 13:37	1
Acrylonitrile	ND		5.0		ug/L			05/24/13 13:37	1
Benzene	ND		1.0		ug/L			05/24/13 13:37	1
Bromochloromethane	ND		1.0		ug/L			05/24/13 13:37	1
Bromodichloromethane	ND		1.0		ug/L			05/24/13 13:37	1
Bromoform	ND		1.0		ug/L			05/24/13 13:37	1
Bromomethane	ND		1.0		ug/L			05/24/13 13:37	1
Carbon disulfide	ND		1.0		ug/L			05/24/13 13:37	1
Carbon tetrachloride	ND		1.0		ug/L			05/24/13 13:37	1
Chlorobenzene	ND		1.0		ug/L			05/24/13 13:37	1
Chloroethane	ND		1.0		ug/L			05/24/13 13:37	1
Chloroform	ND		1.0		ug/L			05/24/13 13:37	1
Chloromethane	ND		1.0		ug/L			05/24/13 13:37	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 13:37	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 13:37	1
Dibromochloromethane	ND		1.0		ug/L			05/24/13 13:37	1
Dibromomethane	ND		1.0		ug/L			05/24/13 13:37	1
Ethylbenzene	ND		1.0		ug/L			05/24/13 13:37	1
Iodomethane	ND		1.0		ug/L			05/24/13 13:37	1
Methylene Chloride	ND		1.0		ug/L			05/24/13 13:37	1
Styrene	ND		1.0		ug/L			05/24/13 13:37	1
Tetrachloroethene	ND		1.0		ug/L			05/24/13 13:37	1
Toluene	ND		1.0		ug/L			05/24/13 13:37	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/13 13:37	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			05/24/13 13:37	1
trans-1,4-Dichloro-2-butene	ND		5.0		ug/L			05/24/13 13:37	1
Trichloroethene	ND		1.0		ug/L			05/24/13 13:37	1
Trichlorofluoromethane	ND		1.0		ug/L			05/24/13 13:37	1
Vinyl acetate	ND		5.0		ug/L			05/24/13 13:37	1
Vinyl chloride	ND		1.0		ug/L			05/24/13 13:37	1
Xylenes, Total	ND		2.0		ug/L			05/24/13 13:37	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*05/24/13 13:37*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/24/13 13:37*	*1*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*05/24/13 13:37*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/24/13 13:37*	*1*

Lab Sample ID: LCS 480-120440/4
Matrix: Water
Analysis Batch: 120440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.1		ug/L		96	71 - 129
1,1-Dichloroethene	25.0	20.0		ug/L		80	58 - 121

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

Lab Sample ID: LCS 480-120440/4
Matrix: Water
Analysis Batch: 120440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	27.3		ug/L		109	75 - 127
Benzene	25.0	27.0		ug/L		108	71 - 124
Chlorobenzene	25.0	26.1		ug/L		104	72 - 120
cis-1,2-Dichloroethene	25.0	24.4		ug/L		97	74 - 124
Ethylbenzene	25.0	28.6		ug/L		114	77 - 123
Tetrachloroethene	25.0	23.2		ug/L		93	74 - 122
Toluene	25.0	27.9		ug/L		111	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
Trichloroethene	25.0	26.4		ug/L		105	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Toluene-d8 (Surr)	*95*		*71 - 126*

GC/MS VOA

Analysis Batch: 120329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38787-2	C-SW-1-W	Total/NA	Water	8260B	
480-38787-2 MS	C-SW-1-W	Total/NA	Water	8260B	
480-38787-2 MSD	C-SW-1-W	Total/NA	Water	8260B	
480-38787-3	C-SW-2-W	Total/NA	Water	8260B	
480-38787-4	C-SW-3-W	Total/NA	Water	8260B	
480-38787-5	C-MW15-W	Total/NA	Water	8260B	
480-38787-6	C-MW12-W	Total/NA	Water	8260B	
480-38787-7	C-MW13-W	Total/NA	Water	8260B	
480-38787-8	C-MW1-W	Total/NA	Water	8260B	
480-38787-9	C-MW1-W/D	Total/NA	Water	8260B	
LCS 480-120329/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-120329/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 120440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-38787-1	C-TRIP BLANK-052113-W	Total/NA	Water	8260B	
480-38787-8 - DL	C-MW1-W	Total/NA	Water	8260B	
480-38787-9 - DL	C-MW1-W/D	Total/NA	Water	8260B	
480-38787-10	C-MW14-W	Total/NA	Water	8260B	
LCS 480-120440/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-120440/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-TRIP BLANK-052113-W

Lab Sample ID: 480-38787-1
Matrix: Water
Date Collected: 05/21/13 14:25
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120440	05/24/13 14:50	CDC	TAL BUF

Client Sample ID: C-SW-1-W

Lab Sample ID: 480-38787-2
Matrix: Water
Date Collected: 05/21/13 14:30
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120329	05/24/13 01:50	TRB	TAL BUF

Client Sample ID: C-SW-2-W

Lab Sample ID: 480-38787-3
Matrix: Water
Date Collected: 05/21/13 15:00
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120329	05/24/13 02:53	TRB	TAL BUF

Client Sample ID: C-SW-3-W

Lab Sample ID: 480-38787-4
Matrix: Water
Date Collected: 05/21/13 15:10
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120329	05/24/13 03:13	TRB	TAL BUF

Client Sample ID: C-MW15-W

Lab Sample ID: 480-38787-5
Matrix: Water
Date Collected: 05/21/13 15:40
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120329	05/24/13 03:34	TRB	TAL BUF

Client Sample ID: C-MW12-W

Lab Sample ID: 480-38787-6
Matrix: Water
Date Collected: 05/21/13 16:00
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120329	05/24/13 03:54	TRB	TAL BUF

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Client Sample ID: C-MW13-W

Lab Sample ID: 480-38787-7

Date Collected: 05/21/13 16:15
Matrix: Water
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120329	05/24/13 04:15	TRB	TAL BUF

Client Sample ID: C-MW1-W

Lab Sample ID: 480-38787-8

Date Collected: 05/21/13 16:30
Matrix: Water
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120329	05/24/13 04:35	TRB	TAL BUF
Total/NA	Analysis	8260B	DL	200	120440	05/24/13 15:11	CDC	TAL BUF

Client Sample ID: C-MW1-W/D

Lab Sample ID: 480-38787-9

Date Collected: 05/21/13 16:30
Matrix: Water
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120329	05/24/13 04:56	TRB	TAL BUF
Total/NA	Analysis	8260B	DL	200	120440	05/24/13 15:32	CDC	TAL BUF

Client Sample ID: C-MW14-W

Lab Sample ID: 480-38787-10

Date Collected: 05/22/13 08:20
Matrix: Water
Date Received: 05/22/13 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	120440	05/24/13 15:53	CDC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13 *
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: *Confidential* - Groundwater

TestAmerica Job ID: 480-38787-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-38787-1	C-TRIP BLANK-052113-W	Water	05/21/13 14:25	05/22/13 15:30
480-38787-2	C-SW-1-W	Water	05/21/13 14:30	05/22/13 15:30
480-38787-3	C-SW-2-W	Water	05/21/13 15:00	05/22/13 15:30
480-38787-4	C-SW-3-W	Water	05/21/13 15:10	05/22/13 15:30
480-38787-5	C-MW15-W	Water	05/21/13 15:40	05/22/13 15:30
480-38787-6	C-MW12-W	Water	05/21/13 16:00	05/22/13 15:30
480-38787-7	C-MW13-W	Water	05/21/13 16:15	05/22/13 15:30
480-38787-8	C-MW1-W	Water	05/21/13 16:30	05/22/13 15:30
480-38787-9	C-MW1-W/D	Water	05/21/13 16:30	05/22/13 15:30
480-38787-10	C-MW14-W	Water	05/22/13 08:20	05/22/13 15:30

Getinge Confidential Information

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Stantec	N. Staronsky	5/22/13	242045
Address: 61 Commercial St	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City: Rochester / State: NY / Zip Code: 14614	Site Contact: S. Reynolds, Smith	Lab Contact: R. VanDette	
Project Name and Location (State): Confidential NY	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: 190500772			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Solid	Sed	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis (Attach list if more space is needed): TCL VOC + TICs (8260)	Special Instructions/ Conditions of Receipt
C-TripBlank-052113-W	5/21/13	1425		✓						3			✓	
C-SW1-W (MS/MSD)	5/21/13	1430		✓						9			✓	
C-SW2-W	5/21/13	1500		✓						3			✓	
C-SW3-W	5/21/13	1510		✓						3			✓	
C-MW15-W	5/21/13	1540		✓						3			✓	
C-MW12-W	5/21/13	1600		✓						3			✓	
C-MW13-W	5/21/13	1615		✓						3			✓	
C-MW1-W	5/21/13	1630		✓						3			✓	
C-MW1-W/D	5/21/13	1630		✓						3			✓	
C-MW14-W	5/22/13	0820		✓						3			✓	

Relinquished 5/22/13

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☑ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other: _____

QC Requirements (Specify): MS/MSD @ C-SW1-D

	Relinquished By	Date	Time	Received By	Date	Time
1.		5/22/13	1357		5/22/13	1357
2.		5/22/13	1530		5/22/13	1530
3.						

Comments: 2.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

5/28/2013

Login Sample Receipt Checklist

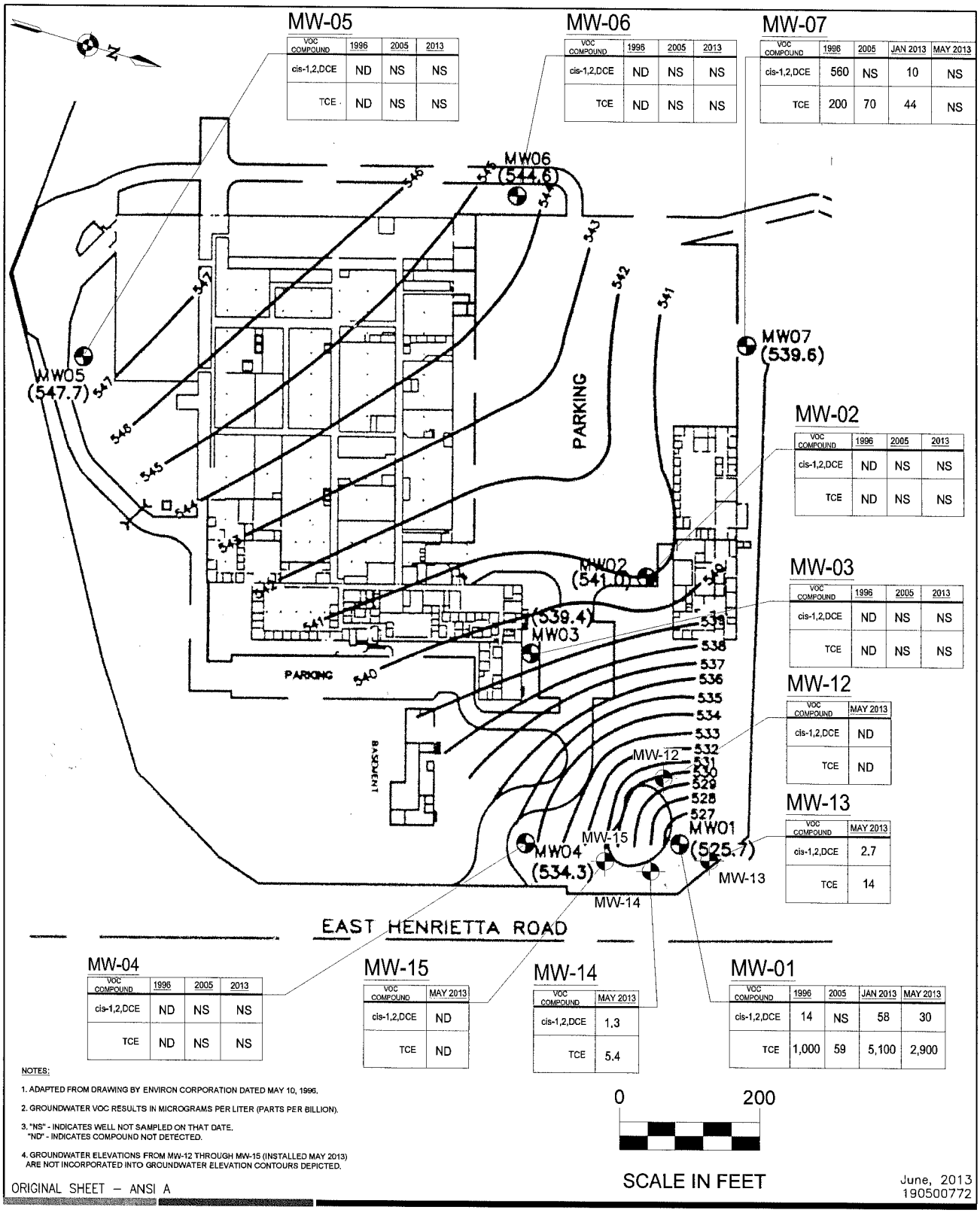
Client: Stantec Consulting Services Inc

Job Number: 480-38787-1

Login Number: 38787
List Number: 1
Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	STANTEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	



NOTES:

1. ADAPTED FROM DRAWING BY ENVIRON CORPORATION DATED MAY 10, 1996.
2. GROUNDWATER VOC RESULTS IN MICROGRAMS PER LITER (PARTS PER BILLION).
3. "NS" - INDICATES WELL NOT SAMPLED ON THAT DATE.
   "ND" - INDICATES COMPOUND NOT DETECTED.
4. GROUNDWATER ELEVATIONS FROM MW-12 THROUGH MW-15 (INSTALLED MAY 2013) ARE NOT INCORPORATED INTO GROUNDWATER ELEVATION CONTOURS DEPICTED.

ORIGINAL SHEET – ANSI A

June, 2013
190500772

U:\190500772\DRAWING\OPC FIGURES\FIGURE1 REVISED 06-14-2013.DWG

Stantec
61 Commercial Street
Rochester, NY
14614
Tel. 585.475.1440
Fax. 585.272.1814
www.stantec.com

Client/Project
Privileged and Confidential
Prepared at Request of Counsel

Figure No.
1

Title
Historical Groundwater Flow and Quality