Prepared for:

LAFARGE ROAD MARKING, INC.
2675 North Martin Street
East Point, Georgia

VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT
FORMER LAFARGE ROAD MARKING, INC.
East Point, Georgia

Prepared by:

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April 2017

DCN: LRM1VRPR002

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Senior Principal

Timmerly Bullman, P.E.
Principal

April 2017

EPS

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COMPLIANCE STATUS REPORT
FORMER LAFARGE ROAD MARKING, INC.
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EPS

PROFESSIONAL GEOLOGIST CERTIFICATION

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

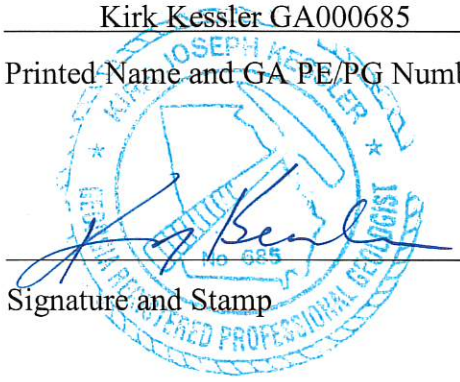
The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Kirk Kessler GA000685

Printed Name and GA PE/PG Number

4/26/2017

Date



Signature and Stamp

CERTIFICATION OF COMPLIANCE

I certify that this CSR report and all attachments were prepared under my direction in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Based on my review of the findings of this report with respect to the Risk Reduction Standards (RRSs) under the Rules for Hazardous Site Response, Rule 391-3-19-.07 and the Voluntary Remediation Program Act, O.C.G.A 12-8-108, I have determined that tax parcel 14 0156 LL0293 is in compliance with non-residential RRSs for soil and residential RRSs for groundwater.

Certified by: _____ Date: 4/24/17
Lafarge Road Marking, Inc.
Joseph McCarthy

1 INTRODUCTION

1.1 Voluntary Remediation Program ("VRP")

EPS is submitting this Compliance Status Report ("CSR") on behalf of Lafarge Road Marking, Inc. ("LRM") for its former road painting manufacturing facility located at 2674 North Martin Street in East Point, Georgia ("Site"). Figure 1 shows the location of the Site on a topographic map. This CSR also serves as a progress report covering the period from November 2016 through April 2017 ("Reporting Period") and is in accordance with the requirements outlined in the Georgia Voluntary Remediation Program and the EPD Consent Order No. EPD-VRP-009, issued on August 6, 2014.

LMR submitted a VRP application to the EPD in May 2010 and then a revised application in August 2013 (Arcadis, 2013). The EPD accepted the Site into the VRP through a letter dated August 6, 2014 and a proposed Consent Order (EPD-VRP-009). The Consent Order, which was executed on August 6, 2014, superseded the previous Consent Order EPD-HW-562. In accordance with Consent Order EPD-VRP-009, semiannual progress reports have been submitted for the Site.

This CSR includes certification by the Professional Geologist (Kirk Kessler). Appendix A contains a monthly summary of hours invoiced and description of services provided.

1.2 Site History

The Site operated under the names of Prismo Safety Corporation, Linear Dynamics, Inc. ("LDI") and then LRM purchased LDI in approximately 1999. In 2006, LRM sold the property to by South Central Station, LLC. At the time of the purchase, South Central Station, LLC agreed that the property would only be used for industrial use and LRM agreed to be responsible to complete the site remediation in accordance with State standards. A copy of portions of the Purchase and Sale Agreement were included as Appendix B of the VRP Application.

A history of the Site is presented in *Report of Preliminary Contamination Assessment* (Law, 1986). Previous activities at the Site included research and production of paint for road marking. Historical facilities included paint blending facilities, office buildings, supply storage areas, a laboratory, above-ground storage tanks ("ASTs"), an underground storage tank ("UST") farm, and loading docks.

1.3 Neighboring Properties

There are two parcels north of the Site, which are in the downgradient groundwater flow path from the Site. Environmental samples have been collected from these parcels. One parcel located at

1562 East Forrest Avenue is to the northwest and will be referred to as the "Buggy Works" property. The Buggy Works property is not in use and contains abandoned buildings and a parking area. This property is owned by Jefferson Station Annex LLC.

The other parcel located at 1526 East Forrest Avenue is to the northeast and will be referred to as the former Attwood Canvas Project property. The former Attwood Canvas property contained a warehouse that was converted into an office building, which contains the City of East Point offices along with other businesses and a parking lot. This property is currently owned by Jefferson Station East Point LLC, which obtained the property in 2013. In 2005, Kairos Development Corporation applied to the Brownfield program and submitted a *Brownfields Program Prospective Purchaser Compliance Status Report* ("PPCSR") on November 11, 2005, which is included as Appendix B. The soil was certified to Type 1 Risk Reduction Standards ("RRS"). They concluded that constituents detected in the groundwater on the property were from the LRM facility and obtained a limitation of liability for groundwater. The PPCSR (page 11 in Appendix B) states that Kairos intended to implement a vapor collection and/or venting system during construction, thus obligating Kairos to address any future vapor intrusion issues at the property resulting from the groundwater condition.

1.4 Constituents of Concern and Delineation Standards

Investigations conducted since 1983 identified the presence of volatile organic compounds ("VOCs") in soil and groundwater at the Site. Delineation standards are based on RRSs. RRS calculations were presented in the *Semiannual Progress Report #1* (Arcadis, 2015A), and were approved by the EPD in a letter dated September 3, 2015.

Applicable RRSs for groundwater are shown in Table 1. The delineation standard for groundwater is the Type 1 RRS. The list of Constituents of Concern ("COCs") include those constituents detected in more than 1% of the samples above the Residential RRS (higher of Type 1 and Type 2 RRSs). The COCs in groundwater are as follows: benzene, cis-1,2-dichloroethene ("cis-DCE"), ethyl benzene, m&p-xylene and o-xylene (known collectively as "xylenes"), tetrachloroethene ("PCE"), toluene, trichloroethene ("TCE"), and vinyl chloride. The primary constituent groups include aromatic petroleum hydrocarbons (*i.e.*, benzene, ethylbenzene, toluene, xylene ("BTEX")), and chlorinated ethenes (*i.e.*, PCE, TCE, cis-DCE, and vinyl chloride).

Residential RRS for soil are shown on Table 2. The delineation standard for soil is the Residential RRS, which is the greater of the Type 1 and Type 2 RRS. The COCs in soil are those constituents that exceed the Residential RRS: benzene, cis-DCE, ethylbenzene, methylene chloride, lead, TCE, toluene, xylenes, and vinyl chloride.

2 HISTORICAL ACTIVITIES

2.1 Release Areas and Soil Remediation

The *Supplemental Investigation Phase I Results Report* (GeoTrans, 2006) summarizes historical investigations. Four solid waste management units ("SWMUs") and one former UST were identified at the Site. Additional soil investigation and remediation was conducted by Arcadis in 2013 (Arcadis, 2015A). Soil remediation was completed prior to the acceptance into the VRP (August 2014). A description of the release areas and remedial actions taken are presented below and the locations are depicted on Figure 2.

- **SWMU #1 – Former Drum Storage Area**. Prior to 1983, LDI reported incidental spills in this area during the normal course of facility operations. LDI removed an undetermined volume of soil for off-site disposal in 1983.
- **SWMU #2 – Former ASTs**. When LRM removed the ASTs that contained reclaimed thinner from service in 1984 and 1986, contents were tested and found positive for lead. LRM removed approximately 70 tons of soil for off-site disposal in 1986. Subsequent soil sampling indicated the presence of solvents.
- **SWMU #3 – Caustic Tank Area**. GeoTrans reported that LDI used a caustic solution to clean varnish tanks. The contents (which reportedly failed an Extraction Procedure Toxicity Text for lead and chromium; Geotrans 2006) were allowed to drain to the land surface. LDI removed approximately 100 tons of soil for off-site disposal in 1986. Subsequent testing of the soil revealed the presence of solvents and fuel hydrocarbons.
- **SWMU #4 – Former UST Area**. LDI removed 13 USTs in 1987. The USTs reportedly contained toluene, xylene, methylene chloride, methyl isobutyl ketone, methyl ethyl ketone, 1,1,1-trichloroethane, methyl alcohol, mineral spirits, hexane, heptane. During tank removal activities in 1987, soil contamination was identified.
- **Former Gasoline UST Area**. This area is adjacent to Area #4. LDI's consultant, GeoTrans found BTEX constituents in the groundwater directly down gradient of the former gasoline UST location.
- **2013 Investigation and Removal**. LDI's consultant, Arcadis, conducted large-scale soil remediation in 2013 to remove soil from areas identified as having a potential for direct exposure to VOCs and lead concentrations exceeding Type 3 RRSs. A total of approximately 1,245 tons of impacted soil was excavated and transported off-site for disposal.

2.2 Groundwater Remedial Action

2.2.1 Groundwater Pump-and-Treat System

LRM installed a pump and treat ("P&T") groundwater remediation system in 2000. This system consisted of groundwater recovery wells, an equalization tank, an air stripper, and air phase carbon to control discharge from the air stripper. The location of the recovery wells and treatment system are shown on Figure 3. Treated water was discharged to the local sewer system under a City of Atlanta groundwater discharge permit. The system initially included five active recovery wells. The system was optimized in 2003-2004 to increase the capacity and three additional recovery wells were installed since that time. LRM shut down the groundwater treatment system on July 29, 2016. On October 21, 2016, LRM sent a letter to the City of Atlanta requesting termination of the Groundwater Discharge Permit.

2.2.2 Air Sparge/Soil Vapor Extraction/Dual-Phase Extraction System

In 2013 (prior to enrollment in the VRP), LRM installed a treatment system composed of air sparge ("AS"), soil vapor extraction ("SVE"), and dual-phase extraction ("DPE") to address soil and groundwater impacts. The system included 63 AS wells to treat the VOCs dissolved in groundwater, 74 SVE wells to remove VOCs in soil above the groundwater surface and to collect AS vapors, and 6 DPE wells to treat areas where residual light non-aqueous phase liquid ("LNAPL") was suspected. Figure 4 shows the location of this system. Vapors were treated by C3 Technology prior to emission. Extracted water was treated in the groundwater treatment system. LRM shut down the AS/SVE/DPE system on April 30, 2016.

2.3 Environmental Assessments

2.3.1 Groundwater Monitoring

LRM began to implement a groundwater monitoring program in 2002, conducting groundwater sampling at least semi-annually. Figure 5 shows the locations of the wells. The groundwater monitoring began with a network of 24 monitoring wells (MW-02 through MW-25) and five recovery wells (RW-1 through RW-05). In 2004, two additional recovery wells (RW-06 and RW-07) were added to the monitoring program. In 2010, four additional wells (MW-26 through MW-29) were installed off-Site on the former Attwood Canvas property to begin off-Site delineation of COCs. In 2013 and 2014, seven monitoring wells (MW-30 through MW-36) were installed to better characterize the groundwater condition on the Site. In 2016, twenty-three monitoring wells (MW-37 through MW-57 and TW-01 through TW-03) were installed on multiple off-Site properties to complete delineation of groundwater. From 2002 through 2017 there have been a total of 42 groundwater sampling events. The historical groundwater results are presented in Appendix C.

2.3.2 Soil Assessment

The largest and most comprehensive soil investigation was conducted by LRM's consultant, Arcadis, in 2010 through 2013. The results of the soil investigated determined the areas of soil removed described in Section 1.5.1. A total of 385 samples (including confirmation samples) were collected during this investigation. The results are summarized in tables in Appendix C.

2.3.3 Indoor Air Assessment

LRM conducted an extensive vapor intrusion study prior to the 2013 soil removal actions (Arcadis, 2011). The results of the study are included as Appendix D. Indoor air was evaluated in the three buildings within close proximity to the area with the highest impacts to soil and groundwater. The air sampling results indicated that there were no increased risks or hazards to occupational workers in these buildings. As described in Section 3.2, LRM conducted soil gas testing in January 2017.

3 SUMMARY OF WORK COMPLETED THIS REPORTING PERIOD

3.1 Development of Soil RRSs

According to the VRP Act ("Act"), actions should be taken such that properties are in compliance with applicable clean-up standards. Per the Act, clean-up standards for soil may be based on

a) *direct exposure factors for surficial soils within two feet of the land surface,*
b) *construction worker exposure factors for subsurface soils to a specified subsurface construction depth.*

Accordingly, different soil clean-up standards (RRSs) will be used for the two scenarios listed above. RRSs for direct-contact were calculated for the soil COCs and the calculations are presented in Appendix E.

The RRSs for direct exposure for surficial soils and construction worker exposure for surface and subsurface soils were calculated by adjusting the standard RRS calculations. The adjustments included changing the exposure parameters to match the two conditions and by excluding the protection of groundwater aspects[1] of the full RRS calculation matrix. Direct exposure for surficial soils was determined for both residential and non-residential receptors using default exposure parameters. The exposure parameters used for the construction worker scenario are shown in the table below. The resulting soil RRSs are presented on Table 3.

[1] Groundwater is being addressed via institutional controls (see Section 8.3).

Construction Worker Exposure Parameters

Parameter		Value	Source
Body Weight (kg)	BW	70	1
Exposure Frequency (d/yr)	EF	125	3
Exposure Duration (yr)	ED	1	2
Exposure Time (hr/d)	ET	8	2
Soil Ingestion (mg/d)	IRs	330	2
Inhalation Rate (m^3/d)	IRa	20	1
Averaging Time, Cancer (d)	ATc	25550	1
Averaging Time, NonCancer (d)	ATnc	365	1
Target Risk	TR	1.00E-05	1
Target Hazard Quotient	THQ	1	1
Water-to-air volatilization factor (L/m^3)	K	0.5	1
Particulate Emission Factor (m^3/kg)	PEF	4.63E+09	1

Notes:
1 GA EPD Regulation 391-3-19 Appendix III, Table 3
2 EPA Regional Screening Levels User's Guide May 2016
3 Professional judgement and Virginia's VRP Risk Assessment Guidance

3.2 Soil Gas Sampling

LRM conducted soil gas sampling as a follow-up to the original indoor air assessment. The indoor air assessment was conducted prior to the soil excavation and prior to operation of the AS/SVE/DPE treatment system. At the request of the EPD, the purpose of the soil gas sampling was to evaluate the condition in the soil after the AS/SVE/DPE treatment system was discontinued. In January 2017, EPS collected soil gas samples at the eight locations shown on Figure 6. The locations were selected to be near existing monitoring wells with elevated VOC concentrations. Vapor sampling probes were installed by drilling into surficial soil using direct-push technology. At the majority of locations, probes were set at 2.5 feet ("ft") below the ground surface ("bgs"), and deeper at approximately 3 ft above the groundwater table. At two locations (SG-1 and SG-2), deeper probes were not set due to the shallowness of the water table (approximately 5 ft-bgs). The probes were set by placing a sand pack around and 6 inches above the probe. The borings were filled with bentonite to seal the borings. The tubing was extended from the probe to just above the ground surface. The probes were placed on January 5th and sampled on January 9th.

Prior to sampling, a helium leak test was performed to determine if the boring was sealed. An enclosure was placed on top of the ground and filled with helium. Soil gas was then extracted from the vapor probe and scanned with a helium meter to determine if a leak was present. A significantly positive reading would indicate that air above the ground was being drawn into the vapor probe through a poor seal. None of the leak tests resulted in a 10% helium leak, which is the upper end of the acceptable leak test range.

After conducting a secondary leak test, the soil gas samples were collected from the vapor probes using laboratory-supplied negatively pressurized Summa canisters. The samples were analyzed for TO-15 VOCs. The laboratory results are contained in Appendix F and the results for constituents that were detected are summarized in Table 4. Also shown on Table 4 are the target exterior soil gas concentrations from the Environmental Protection Agency's ("EPA") Vapor Intrusion Screening Level ("VISL") Calculator. See Section 7 for an evaluation of the vapor intrusion pathway.

3.3 Groundwater Sampling

3.3.1 Grab Groundwater Sample for Delineation

During the soil gas sampling event, one grab groundwater sample (SP-1) was collected from the SG-8 soil gas location for the purposes of groundwater delineation. Depth to groundwater at this location was 27 ft-bgs. The sample was analyzed for VOCs and the laboratory report is included in Appendix F. The only constituent detected was 1,3-dichlorobenzene at 10 micrograms per liter ("µg/L"). 1,3-dichlorobenzene has not been detected in groundwater at the Site.

3.3.2 Post Remediation Shut-down Groundwater Sampling Event

From January 16 through 19, 2017, EPS sampled 28 wells on- and off-Site following the EPA Region 4 purging and sampling guidelines (USEPA, 2013) for groundwater. Each location was purged and sampled using the "low-flow/low-volume" method (also known as the micropurge method) using a peristaltic pump, geopump, or solinst pneumatic pump (pump type depended on the depth and diameter of well). For the "low-flow/low-volume" purge method the pump intake was placed at the center of the well screen and purging continued as slow as feasible until water chemistry readings had stabilized. Figure 5 is a well location map, which includes more than the 28 that were sampled.

New Teflon tubing (1/4-inch) was used at each sample location and equipment was decontaminated with Alconox and distilled water between wells. Water chemistry was measured using a HORIBA U-50 multiparameter water quality meter, which was calibrated prior to use. Purging continued until pH and specific conductance had stabilized and turbidity had either stabilized or was below 10 Nephelometric Turbidity Units ("NTU"). At locations where turbidity below 10 NTU was not achievable, values within 10% were considered stable.

The reverse flow/straw method was used to collect samples when purging with a peristaltic pump or geopump. The samples were collected directly when purging with a solinst pneumatic pump. Groundwater samples were collected in 40 milliliter ("mL") vials preserved with hydrochloric acid ("HCl") and delivered to Analytical Environmental Services, Inc. ("AES") in Atlanta, Georgia for analysis of VOCs by USEPA Method 8260B. A duplicate sample was collected at MW-48. Well sampling logs are presented in Appendix G and analytical laboratory reports are presented in Appendix F. The analytical results for constituents that were detected are summarized in Table 5.

One of the objectives of this groundwater sampling event was to see if there was a substantial change in the groundwater condition after cessation of the groundwater treatment systems in 2016. The table below shows a comparison of the condition two years prior to cessation of the treatment (2014-2015) and sampling conducted in January 2017. In general for each well, the two most prevalent constituents are shown. In most instances, the concentrations observed in 2017 were lower than those in 2014-2015.

	Constituent	Average Concentration 2014-2015 (mg/L)	Concentration in January 2017
MW-02	Benzene	1,696	11
	Vinyl chloride	370	11
MW-07	TCE	31,833	9
	Cis-DCE	7,193	74
MW-11	Cis-DCE	7.2	< 5
MW-17	Benzene	274	<5
	Vinyl Chloride	5.4	< 2
MW-20	TCE	7.25	<5
	Cis-DCE	22.5	9.3
MW-21	Cis-DCE	6,140	4,100
	Vinyl Chloride	324	1,900
MW-26	TCE	8.8	48
	Cis-DCE	94	530
MW-28	TCE	418	140
	Cis-DCE	1,625	2,500
	Vinyl Chloride	9.6	6.2
MW-32	Toluene	9,107	<5
	TCE	249,429	520
DPE-307	Benzene	10,300	140
	Toluene	203,333	43,000
RW-07	cis-DCE	10	6.7
	Vinyl Chloride	11	140

4 FINAL CONCEPTUAL SITE MODEL

4.1 Regional Setting (Piedmont)

4.1.1 Residual Soil Formation and the Weathering Profile

Residual soils in the Piedmont formations in Georgia are products of physical and chemical weathering of the underlying parent crystalline bedrock. Weathering generally decreases with depth below the ground surface, with a textural gradation from clay, silt, and sand-sized particles (soil) to saprolite, where the structure of the parent rock is preserved. In other words, the bedding planes and interfaces of decomposed parent rock are maintained. An example of this weathering profile is provided in a soil core shown in the photograph below, taken from a site in Atlanta. (Note Appendix H contains photographs of cores taken from well installation at the Site.)

Photograph of weathering progression of parent crystalline Piedmont rock (top of core to the left).

In the photograph, depth below ground surface goes from shallow to deep starting at the upper left hand corner moving down to the lower right hand corner. In the near-surface portion of the core, the soil is characterized by the unmistakable red clay of Georgia. The red clay transitions to a brown clay and then to a distinct saprolite profile characterized by bands of browns, whites, and yellows, which retain the structure of the parent rock (brown/yellow coloration is a result of oxidation). This transitions to less chemically-weathered material with the same coloration (gray) as the underlying crystalline rock.

Several weathering profile or classification schemes exist for the Piedmont. Sowers (1963) presented one of the original classification schemes composed of four zones based on relict structure and geotechnical properties, as follows:

- Soil no relict structure; "Blow Count (N)" = 5-50
- Saprolite exhibits relict parent rock structure; N = 5-50
- Partially weathered rock ("PWR") alternating hard & soft seams; N > 50
- Rock (or bedrock) Quality Designations ("RQD," a core quality property) > 75%

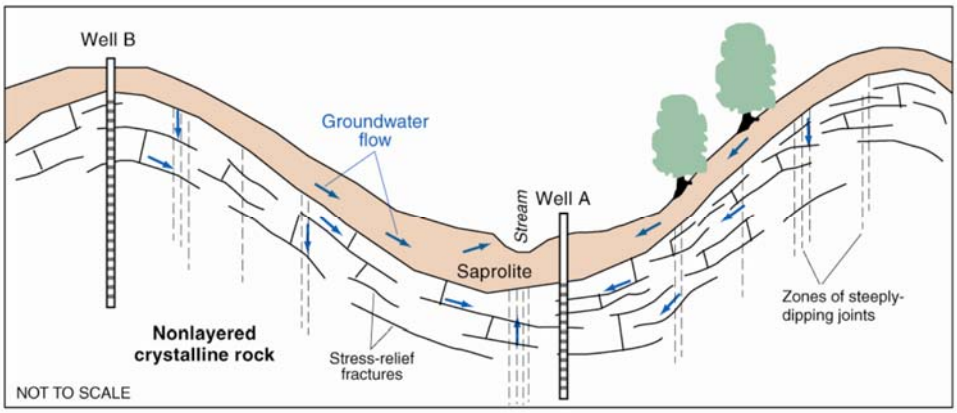
Wilson and Martin (1996) provide a chart of various classification schemes as shown below:

Table 1. Classification systems of weathering profiles (from Wilson and Martin, 1996).

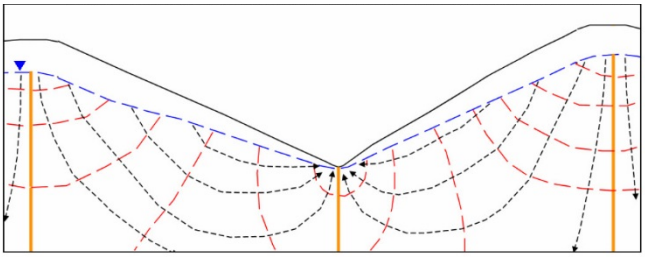
<table>
<tr><th>Sowers (1963)</th><th colspan="2">Deere & Patton (1971)</th><th>Law/MARTA (Richardson & White, 1980)</th><th>Schnabel Engineering Associates (from Martin, 1977)</th></tr>
<tr><td>Soil
N=5-50</td><td rowspan="3">I
Residual Soil</td><td>IA
A Horizon</td><td rowspan="2">Upper Horizon
No Residual Structure</td><td rowspan="3">Residual Soil
N < 60</td></tr>
<tr><td>Saprolite
N=5-50</td><td>IB
B Horizon</td></tr>
<tr><td></td><td>IC
C Horizon</td><td>Saprolite</td></tr>
<tr><td rowspan="2">Partially Weathered Rock - Alternate Hard & Soft Seams
N>50</td><td rowspan="2">II
Weathered Rock</td><td>IIA
Transition From Residual Soil to Partially Weathered Rock</td><td rowspan="2">Partially Weathered Rock
N>100
Core Recovery<50%</td><td rowspan="2">Disintegrated or partially weathered rock
N≥60</td></tr>
<tr><td>IIB
Partly Weathered Rock</td></tr>
<tr><td rowspan="2">Rock
RQD>75%</td><td colspan="2" rowspan="2">III
Unweathered Rock
RQD>75%</td><td>Rock Core Recovery>50%
RQD<50%</td><td rowspan="2">Rock
N≥100/2"
Core For Confirmation</td></tr>
<tr><td>Sound Rock
RQD>50%
Core Recovery>85%</td></tr>
<tr><td colspan="5">RQD = Rock Quality Designation
N=Standard Penetration Test N-Value (blows/foot)</td></tr>
</table>

4.1.2 General Hydrogeologic Characteristics of the Piedmont

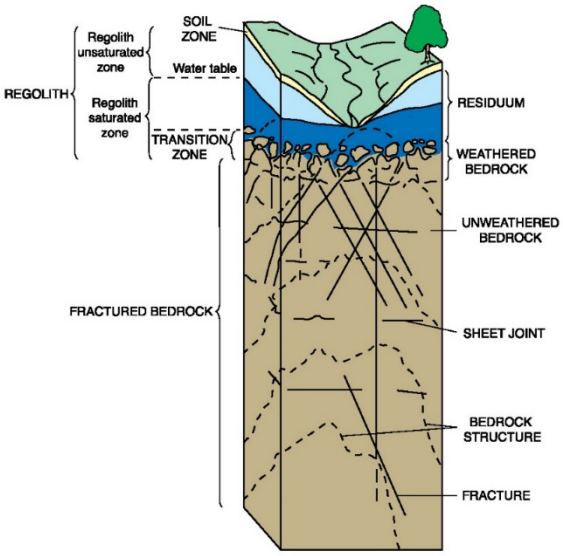
Groundwater is generally first encountered in the saprolite, under unconfined (*i.e.*, water table) conditions. There is direct hydraulic communication between all of the four zones; however, flow within rock is entirely fracture-flow and on a local scale may be discontinuous. The general direction of groundwater flow in the Piedmont mimics the surface topography (although hydraulic gradients are not as abrupt as topographic gradients). Hydraulic gradients are generally downward in topographic high areas and upward in topographic low areas, especially along the more significant valley bottoms where the bedrock is more highly fractured and groundwater discharge provides the base flow for surface water present in the stream, *i.e.*, the valley is a hydrologic divide (see illustration below, from Williams and Burton 2005).



A. **A conceptual model** shows the influence of sheet fractures on groundwater flow in massive to weakly foliated rocks in Rockdale County. **Well A** is located in a topographically favorable position for intercepting recharge whereas **Well B** is located in a topographically less favorable position (Modified from McCollum, 1966).



Basic principles of groundwater flow in a ridge and valley setting are shown in the conceptual model schematic to the right. Equipotential lines (hydraulic head potential) are shown in dashed red lines, and groundwater flow direction occurs perpendicular to the equipotential as illustrated in dashed blue lines (the broader dashed blue line at the top is the groundwater table). Vertical yellow lines mark hydrologic boundaries. Groundwater exhibits a strong downward vertical hydraulic gradient at the ridge (topographic high point), and more dominant lateral hydraulic gradients occur midway along the flowpath with upward vertical hydraulic gradients at the valley bottom.



Groundwater flow within saprolite and PWR behaves in accordance with porous media hydrologic principals. PWR is generally considered as exhibiting the highest relative permeability of the four zones. The un-weathered crystalline rock below the PWR exhibits essentially no primary porosity/permeability but rather relies upon secondary permeability features, such as joints (fractures) and faults, for the storage and transmission of groundwater. These secondary permeability features are generally of a relatively small aperture (opening) and are not highly abundant; thus, this portion of the hydrogeologic system generally stores and contains significantly less groundwater compared to the same volume of PWR above. The degree of fracture development and the size of fracture apertures tends to decrease with depth as shown in the conceptual hydro-stratigraphic section above (Swain, Mesko, and Holiday, et al. 2004).

4.2 Local Setting

4.2.1 Geologic Setting

4.2.1.1 Local Area Geologic Setting

The Site is located within the Greenville Slope District of the Southern Piedmont Physiographic Province. This geologic setting is characterized by metamorphic rocks of the Clarkston Formation of the Atlanta Group (Cressler et al. 1983). This Formation is comprised of biotite-muscovite schist inter-layered with hornblende-plagioclase amphibolite (McConnell and Abrams 1984). Deep in the subsurface, the Clarkston Formation is underlain by the Stonewall and Wahoo Creek Formations. These are similar in geologic characteristics to the Clarkston.

Available geologic information indicates that the local structure is genetically related to the Brevard Fault Zone (Cressler et al.1983). Other local area structural features include granite body intrusions in the parent bedrock, and stress relief fracturing due to weathering and overburden removal.

4.2.1.2 Site Geologic Setting

The Site geologic setting is, therefore, complex and is the result of multi-phase deformation and tectonism. These forces caused joint fracture development in the rock. Differential weathering of the rock results from various factors including variability in orientation of foliations in the rock, geologic contacts between formations, and mineralogical variations. As a result of these variables and the varying degree of weathering, there is considerable variation in the thicknesses of the saprolite and PWR.

A thorough review of all boring logs for the Site was conducted in the course of updating the Conceptual Site Model ("CSM"), which was presented in Progress Report #3 (Arcadis, 2016). The majority of the drilling involved split-spoon soil sampling with standard penetration testing (or blow counts) on 5-ft centers. Rock coring was performed on the majority of the deeper wells (more recent drilling used rotosonic methods, which do not provide a true undisturbed rock core necessary for a refined interpretation) and detailed logs are available describing the core recovery and RQD for each core run (typically 10-ft). A revised interpretation of the geologic zone screened by each well as made. Tables and figures in this report show the revised assignment of geologic zones to the different wells. Saprolite extends at the Site to depths ranging from about 30 to 60 ft-bgs. PWR extends at the Site to depths of 40 to 100 ft-bgs. The variations in geology and hydrogeology can be seen on the cross-sections included as Figure 7 and 8.

4.2.2 Site Hydrogeology

As described above, the topographic slope (gradient) creates the hydraulic gradient with the direction of groundwater flow mimicking the topography. Valley bottoms are typically hydrologic divides. Ground surface topography was mathematically interpolated (Figure 9) for the local area. Norman Berry Drive follows a topographic low and pitches in a southeasterly direction. On Figure 9 the valley bottom (hydrologic divide) is shown in the yellow/green color. This served as a basis for where additional wells were installed in 2016.

Figures 10 through 12 show the potentiometric surface and groundwater flow direction for each geologic zone. These figures confirm that the general groundwater flow direction is to the northeast from the Site with a turn to the southeast at Norman Berry Drive. On the west side of the Site there is a more northerly flow component; however, overall the general direction is as described previously. This general groundwater flow direction is also shown on Figure 9 along with the ground surface topography showing that groundwater turns at the valley bottom as expected.

4.2.3 Contaminant Fate and Transport

4.2.3.1 Dominant Chemical Groups

There are two dominant chemical groups present at the Site: petroleum hydrocarbons (*e.g.*, BTEX), and chlorinated ethenes (*i.e.*, PCE, TCE, cis-DCE, and vinyl chloride). In their product state, petroleum hydrocarbons are Light Non-Aqueous Phase Liquid ("LNAPL") and chlorinated ethenes are Dense Non-Aqueous Phase Liquid ("DNAPL"). LNAPL floats on top of the groundwater table, whereas DNAPL passes into the groundwater column.

4.2.3.2 LNAPL

LNAPL migrates downward via gravity until it encounters either a physical barrier (*e.g.*, low permeability lens) or is affected by the buoyancy forces at the water table. In the unsaturated zone (above the water table) a fraction of the hydrocarbon will be retained as residual globules in the soil pores due to capillary forces. Once an LNAPL reaches the water table it spreads laterally as

a free-phase layer on the top of the water table ("pancakes"). A smear zone exists where the water table fluctuates. Precipitation or groundwater in contact with the residual or mobile LNAPL will cause the LNAPL to dissolve into the water forming an aqueous-phase plume. Volatilization is also an important process that decreases the amount of petroleum hydrocarbons in the subsurface.

4.2.3.3 DNAPL

By contrast, DNAPL actively spreads primarily due to gravity. Vertical migration continues through the vadose zone and aquifer until the released DNAPL either loses continuity and becomes dispersed into isolated bodies (referred to as ganglia or globules) or reaches a less permeable layer where it either accumulates in a pool or flows along the pitch of the layer. During downward migration, a globule trail of residual product and sorbed-phase contamination is left. The DNAPLs in this trail are incapable of further migration. Eventually, the entire DNAPL mass becomes immobile as the gravity head is lost.

When the groundwater comes in contact with a DNAPL, an aqueous phase plume is created and slowly fed by the sorbed, residual or pooled DNAPL. A residual-phase DNAPL source offers a large surface contact area (as compared to a pooled DNAPL) for contact with the groundwater, which results in a higher flux from the DNAPL state to the dissolved phase. This in turn results in an accelerated rate of DNAPL depletion. Once in the dissolved-phase, the solvents are transported in the water primarily along in the direction of the groundwater flow, but also horizontally (cross- or upgradient) due to dispersion and diffusion. The aqueous phase plumes become elongated in the hydraulically downgradient direction and are subject to attenuation process such as dispersion, sorption, matrix diffusion and biodegradation. All aqueous plumes will eventually reach a steady-state condition where the leading edge and side edges no longer expand.

A rule of thumb is that concentrations exceeding 1% of the compound's aqueous solubility indicates the possible presence of DNAPL (EPA, 1992). For TCE this value is 14,720 µg/L. In the last two years TCE has been measured greater than 1% of the aqueous solubility in a few bedrock wells (MW-32, MW-41, and MW-46). Thus, it is concluded DNAPL may be present but, if so, in an immobile state as no free-phase product has been observed in the Site monitoring wells. As discussed more fully in Section 8.2, it is technically impracticable to address TCE in bedrock. The VRP specifically allows for technical impracticability to be used for not requiring remediation in fractured bedrock.

Section 12-8-108(9):

- Technical impracticability. Site delineation or remediation beyond the point of technical impracticability shall not be required if the site does not otherwise pose an imminent or substantial danger to human health and the environment.

where the definition is described in 12-8-102(b)(15) as follows:

- 'Technical impracticability' means the inability to fully delineate or remediate contamination without incremental expenditures disproportionate to the incremental benefit. An example may include, without limitation, dense non-aqueous phase liquids in fractured bedrock settings.

Remediating DNAPL in fractured bedrock is recognized in the technical literature as extremely difficult and costly, and thus fits with the concept of technical impracticability (Pankow and Cherry, 1996; USEPA, 2009B; Stroo *et al*., 2012).

4.3 Potential Receptors

4.3.1 Migration Pathways

An evaluation of the migration pathways and potential receptors was presented in the VRP Application (Arcadis, 2013) and in the *Progress Report #1* (Arcadis 2015A). Historical releases to soil at the Site impacted the soil and groundwater. VOCs in the soil or groundwater have the potential to volatize providing potential vapor intrusion into buildings. Accordingly, the potential exposure media are surface soil, subsurface soil, groundwater and air. The potential receptors include on-site workers, construction workers, off-site workers, and off-site residents. The purchase and sale agreement between LRM and the current owner (South Central Station, LLC) limits future use of the Site to commercial/industrial (see Appendix B of the VRP Application).

4.3.2 Surface Soil

Although much of the Site is covered with pavement, surface soil (0 to 2 ft bgs) is a potential exposure pathway for on-site workers and construction workers. Soil removal work conducted in 2013 was performed to eliminate this exposure pathway. See Section 6.2 for an evaluation of the surface soil condition to RRSs.

4.3.3 Subsurface Soil

Historical data indicates elevated concentrations of constituents in soil in the subsurface. If intrusive activities were to occur at the Site (*e.g.* construction or utility work), the workers could be exposed to constituents in the subsurface soil. See Section 6.2 for an evaluation of the subsurface soil condition to RRSs.

4.3.4 Groundwater

Receptors theoretically could be exposed to groundwater either by direct contact with the subsurface (*e.g.* during construction activities) or by the use of groundwater as a drinking water source. Direct exposure to groundwater in the subsurface is not a complete pathway as

groundwater is located approximately 15 to 20 ft-bgs at the Site, which is below the level that construction workers would be expected to work.

Exposure to groundwater for consumption use is also an incomplete pathway. The *Semiannual Progress Report #2* (Arcadis, 2015B) contains the results of a well survey to determine if any public or private drinking water sources are in the vicinity of the Site. The conclusion of the survey is that there are no active potable water supply wells within a 3-mile radius of the Site. Local residences, businesses, and schools in proximity to the Site are served by city water. The city water is withdrawn from the Sweetwater Creek intake, which is located approximately 12 miles from the Site. Fulton County Ordinance Section 34-112(c) requires that residences and businesses connect to public water where available.

4.3.5 Air

VOCs in soil and groundwater could migrate from the subsurface into buildings on or near the Site through a process called vapor intrusion. As mentioned previously, LRM has conducted both indoor air sampling and soil gas testing. See Section 7 for an evaluation of the vapor intrusion pathway.

4.3.6 Ecological

There is very minimal potential habitat for terrestrial or aquatic receptors as the Site is industrialized and mostly paved. The only surface water conveyance is not a significant habitat for surface water ecological receptors as it is a concrete-lined drainage way with intermittent flow. Accordingly, exposure to ecological receptors is not considered a complete pathway.

5 GROUNDWATER CONDITION

5.1 Groundwater Delineation of COCs in Groundwater

Groundwater delineation was presented in the *Semiannual VRP Progress Report #4* (EPS, 2016). The delineation has been updated to include the new groundwater sample location (SP-1) and incorporate the January 2014 groundwater sampling event. Appendix I shows the delineation of the COCs in groundwater. The COCs have been adequately delineated at the Site.

5.2 Intrinsic Biological Degradation

Petroleum hydrocarbons are very amenable to intrinsic biological degradation. Naturally occurring microorganisms in the subsurface will readily consume and degrade the hydrocarbons under both aerobic and anaerobic conditions.

Chlorinated solvents can also degrade biologically in the subsurface through reductive dechlorination. Parent compounds (*i.e.*, PCE or TCE) can be degraded biologically into daughter products (cis-DCE and vinyl chloride). The presence of the daughter products at the Site (especially in the downgradient direction) indicates that biological degradation is occurring.

The biological degradation of chlorinated ethenes is a sequential first order decay reaction. One molecule of PCE will decay to produce one molecule of TCE, which will subsequently produce one molecule of DCE, which will then produce one molecule of vinyl chloride. Thus, the mass based (milligrams per liter, "mg/L") constituent-specific concentrations can be converted into a molar basis (moles/L) to allow for direct comparison. For each well, the molar concentration of each individual chlorinated ethene was calculated and then added together. This total chlorinated ethene molar concentration for each well could then be compared to the total molar concentration at other wells. Figure 13 shows the chlorinated ethene results in molar concentrations. In saprolite and PWR the chlorinated ethenes are mostly in the form of cis-DCE, with the next most being vinyl chloride, followed by TCE. In bedrock it is mostly TCE, with the majority of the remainder being cis-DCE. This indicates that intrinsic biological degradation is occurring at a faster rate in saprolite and PWR than in bedrock.

5.3 Distribution of COCs in Groundwater

The historical groundwater monitoring results for the COCs are shown in Table 6. Tables of all groundwater results are included in Appendix J. As mentioned previously, there are two dominant chemical groups characteristic of the Site condition: petroleum hydrocarbons (*e.g.*, BTEX), and chlorinated ethenes (*i.e.*, PCE, TCE, cis-DCE, and vinyl chloride). Figures 14 through 17 show total petroleum hydrocarbons or total chlorinated ethenes at each well during different time

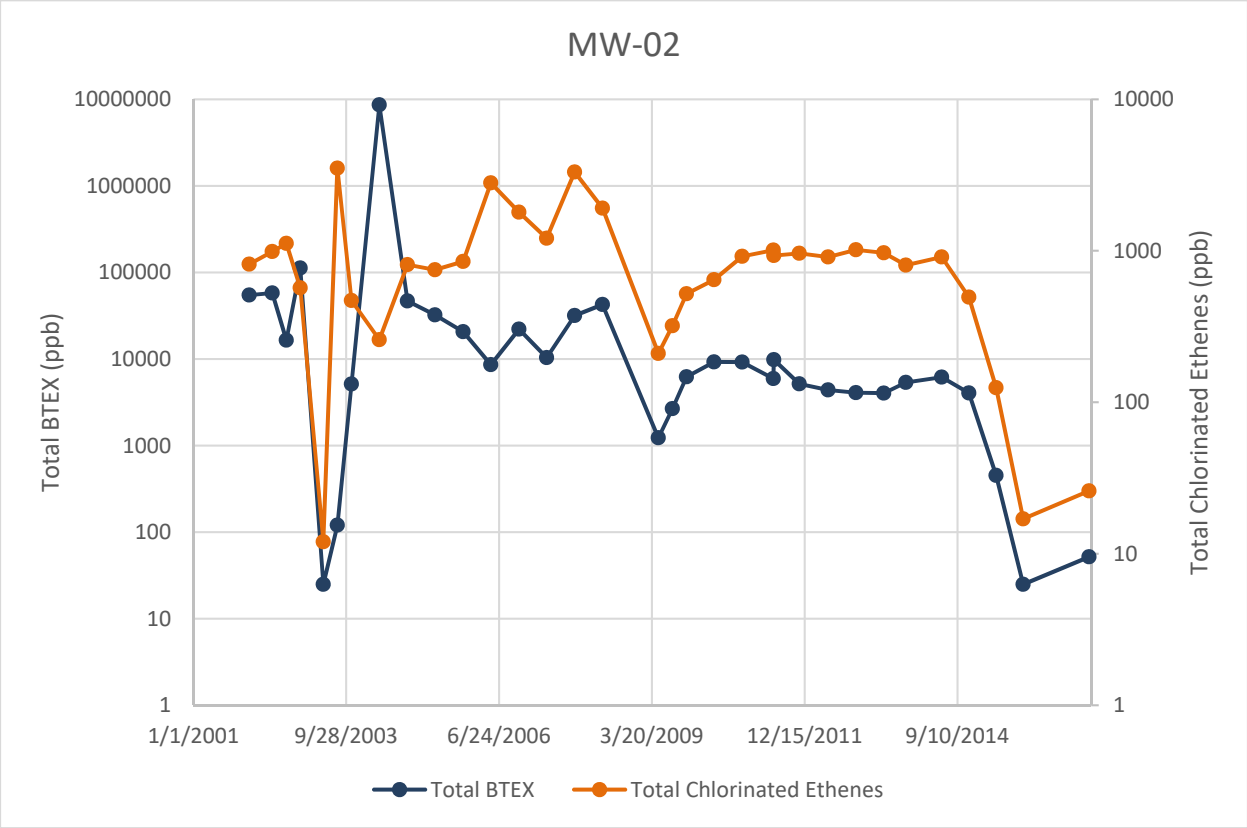
periods. Figures 15 and 16 show the distribution of petroleum hydrocarbons historically (2002-2005) and currently (2015-2017), respectively. Similarly, Figure 16 and 17 show the distribution of chlorinated ethenes historically and currently.

Petroleum product is lighter than water (*i.e.*, floats atop the water table), whereas chlorinated ethene product is denser than water (*i.e.*, sinks beneath the water table). This difference in physical properties expresses in a difference between the two chemical groups in terms of the vertical distribution of dissolved-phase contamination: petroleum hydrocarbons tend to be limited to the shallow portion of the aquifer (*e.g.*, limited to saprolite), whereas TCE and its related daughter products spread vertically across all hydrologic zones, and are carried downgradient within these zones where lateral hydraulic gradients prevail. The Site data bear this out. Figure 14 and 15 show that the petroleum hydrocarbons are predominantly observed in the shallower zones (saprolite), whereas Figure 16 and 17 show that the chlorinated ethenes are predominantly observed in the deeper zones (bedrock). The chlorinated ethenes have a more protracted downgradient extent than the petroleum hydrocarbons owing likely to the greater affinity of petroleum hydrocarbons to natural attenuation processes that limit transport.

5.4 Concentrations over Time

There has been a significant decrease in COC concentrations over time, especially of petroleum hydrocarbons. The difference is apparent by comparing Figure 14 to Figure 15 for petroleum hydrocarbons and by comparing Figure 16 to Figure 17 for chlorinated ethenes.

Time series graphs for each well showing petroleum hydrocarbons and chlorinated ethenes over time are presented in Appendix J. The time series graph for saprolite well MW-02 (shown below) illustrates this decrease in concentrations over time of total BTEX and total chlorinated ethenes.



5.5 Plume Stability Modeling

5.5.1 Background

A stable aqueous subsurface plume is one in which a contaminant plume is no longer expanding or moving. There are a variety of methods that may be used to determine the stability of a plume including qualitative, statistical, and plume-based methods. In the context of the Site, BTEX and chlorinated ethenes were analyzed for plume stability.

5.5.2 Methods for Determining Plume Stability

5.5.2.1 Mann-Kendall Statistical Analysis Method

A statistical approach was taken to evaluate the stability of the contaminant plume using the Mann-Kendall test on wells throughout the Site. The GSI Mann-Kendall Toolkit (GSI Environmental, Inc., 2012) was used to analyze BTEX and chlorinated ethenes at individual well locations. Temporal concentration data is provided as the input into the software to calculate statistical metrics describing the contaminant trend (increasing, decreasing, or stable).

In cases where a constituent was not detected above its detection limit (non-detect or "ND"), one half of the value of the detection limit ("DL") was used as the concentration input for that data

point. However, the USEPA suggests setting ND data points to a common value lower than any of the detected values, so in instances where half of the value of the DL was larger than one or more detections for that constituent at that location over the selected timeframe, the data point in question was disregarded from the calculations (USEPA, 2009A).

A Mann-Kendall test was run for constituents with at least four detected concentrations and where a large majority of the results are not ND. The selected sample locations based on these criteria include wells within the release area and in mid-plume that span each geologic zone (saprolite, PWR, and/or bedrock). Results of the test may be used to evaluate the stability of individual wells or of the entire plume. For the overall stability of the plume, the plume length or the stability of the plume concentrations may be examined.

5.5.2.2 Concentrations over Time Method (Time-Trend Analysis)

In addition to the use of statistical analysis to evaluate plume stability, time-series plots of concentrations of BTEX and chlorinated ethenes were developed. Time series graphs were prepared for all wells for BTEX and chlorinated ethenes and are included in Appendix J. Each graph is scaled to the range of data concentrations. The concentrations are shown on a log scale to fit the wide range of concentrations over the time period. The data extends back to 2002 for most of the wells located in the former operational area of the Site.

5.5.3 Plume Stability Determination Results

5.5.3.1 Mann-Kendall Statistical Analysis Results

Results of the Mann-Kendall tests indicate that the concentration trend of the BTEX plume is decreasing. A summary of the Mann-Kendall test results for wells and constituents yielding a trend are presented in Table 7.

The GSI Mann-Kendall Toolkit input and output data is provided in Appendix K. For BTEX constituents, all but one location where the Mann-Kendall test was performed yielded a trend that is either “stable”, “probably decreasing”, or “decreasing”. The single exception is for benzene, ethylbenzene, and total xylenes at MW-17, which is located in the southern edge of the release area and screened in saprolite/PWR. However, nearby release area wells screened in the same or similar zone are generally decreasing in concentrations (*e.g.*, MW-02, MW-03, and MW-04) of BTEX. If one looks at data collected over the last four years (seven sampling events) at MW-17, there is a decreasing trend in BTEX constituents. The last two sample events (2015 and 2017) were non-detect.

The analysis of chlorinated ethene data (PCE, TCE, cis-DCE, and vinyl chloride) generated results consistent with their degradation processes. While PCE is largely non-detect throughout the Site, TCE is generally decreasing in the release area within the saprolite, saprolite/PWR, and PWR/bedrock. The natural degradation pathway for these contaminants in the environment follows PCE, TCE, cis-DCE, vinyl chloride, and finally ethene. In locations (MW-28 and MW-29) where TCE, cis-DCE, and vinyl chloride are increasing down-plume of the release area, reductive dechlorination is the likely cause of the trend. Both MW-28 and MW-29 are screened

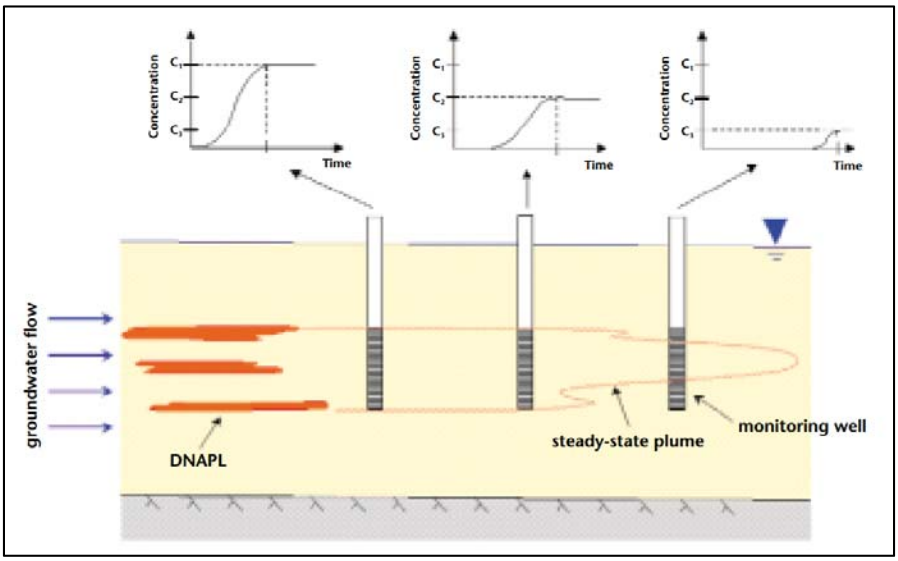
in the saprolite. If the data from the last three years (5 sampling events) is evaluated, in well MW-28, TCE has a decreasing trend and cis-DCE and vinyl chloride have no statistically significant trend. In well MW-29 TCE is stable and there is no trend for cis-DCE and vinyl chloride. This is sufficient information to demonstrate stability. The other wells in the vicinity have only been sampled once or twice so there is not enough data to determine a trend.

A Mann-Kendall analysis was also conducted on the total chlorinated ethenes (using the molar concentrations). Data from 2011-2017 was used as cis-DCE was not analyzed prior to 2011. As shown in Table 7, in general the total chlorinated ethene trends follow the trends for the individual constituents. There are instances (MW-04, MW-21) where the total chlorinated ethene trend is decreasing and the vinyl chloride trend is increasing. This is further confirmation that the plume is stable with biodegradation occurring, resulting in increasing vinyl chloride concentrations. Figure 18 shows the results of the Mann-Kendall analysis for chlorinated ethenes.

5.5.3.2 Time-Trend Qualitative Evaluation Results

Analysis of contaminant concentrations over time at various locations in and around the contaminant plume indicate that both the BTEX plume and the chlorinated ethene plume are stable. The concentration trends follow the development of a stable, or steady-state, plume where points in the release area have reached equilibrium at an earlier time and at a higher concentration than points further down-plume (Environment Agency, 2003). This concept is illustrated in the figure below and is applicable to aqueous constituents in both unconsolidated deposits and fractured rock. Points further away from the release area along the plume centerline in the direction of groundwater flow may show increasing concentrations even after the areas closer to the release area have become stable. Relatedly, concentrations at these points will stop increasing at a time later than for the points closer to the release area. Therefore, a contaminant plume may still be considered stable even if concentrations at down-plume wells are continuing to rise.

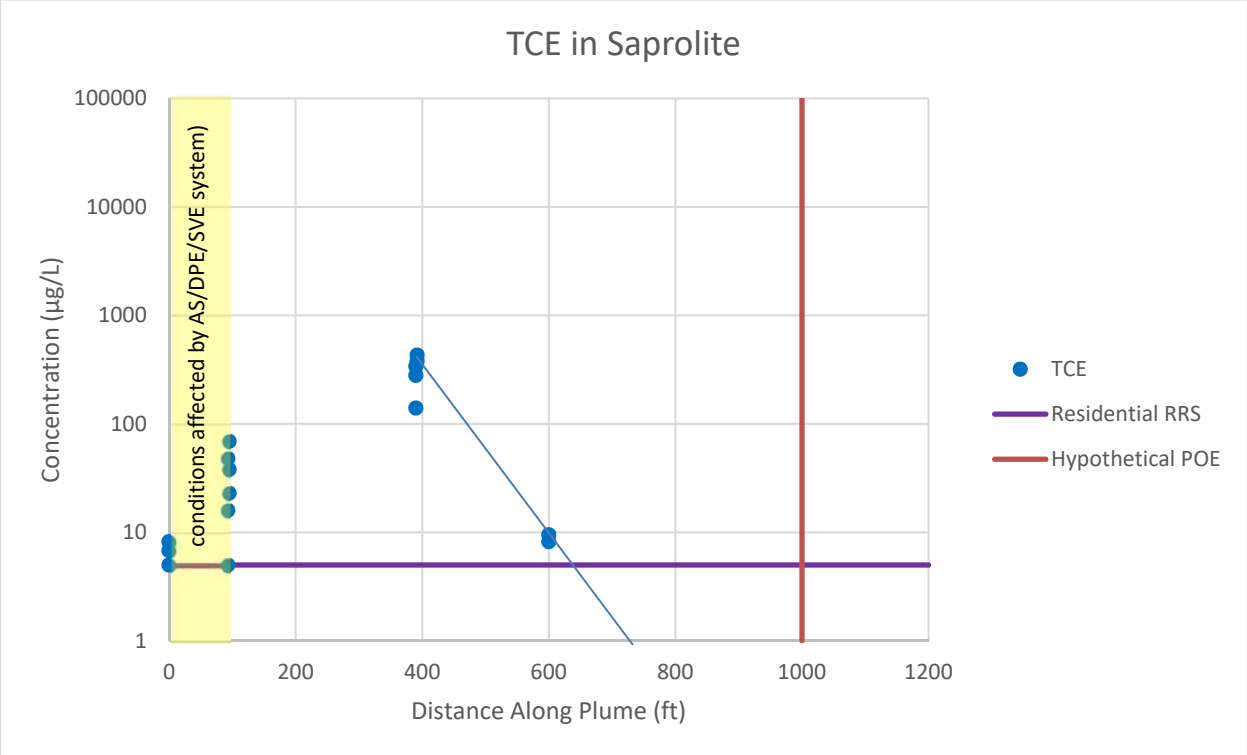
Development of the steady-state plume (Environment Agency, 2003)

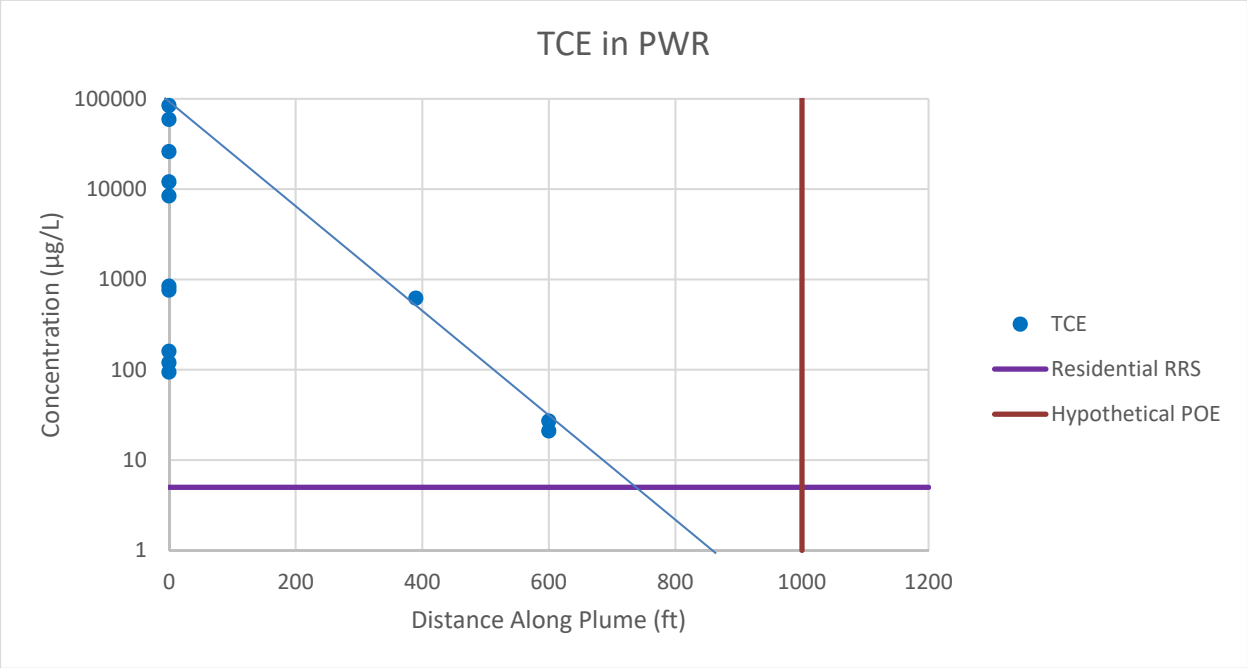


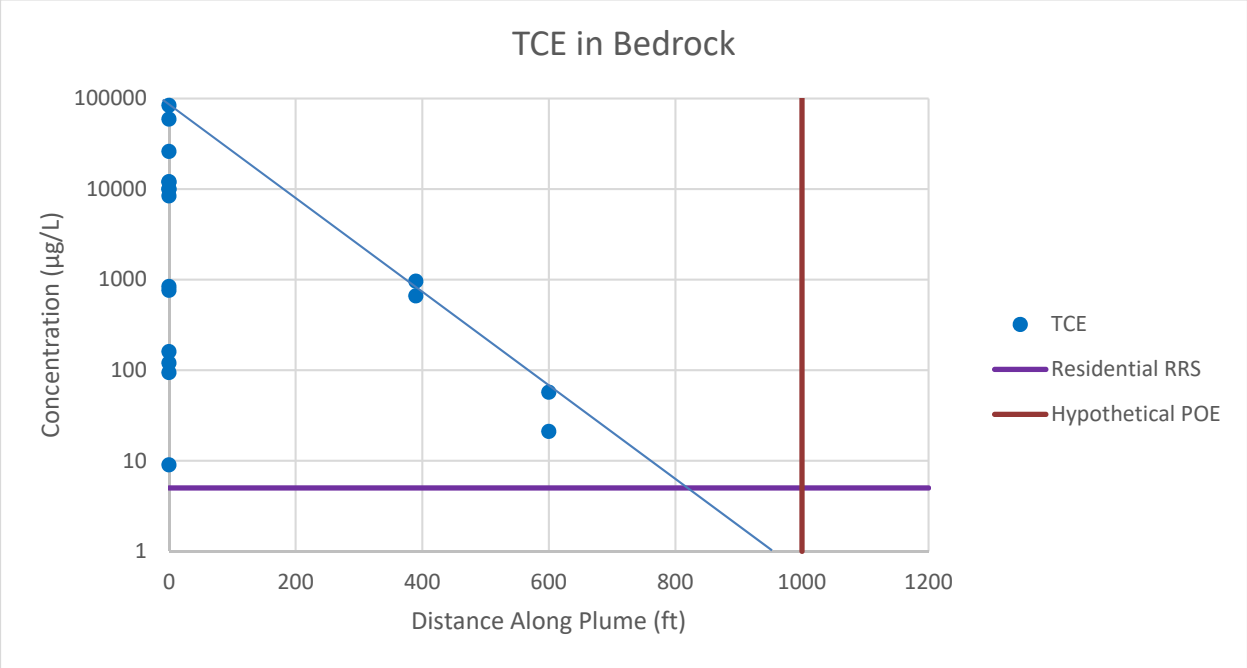
5.6 Compliance

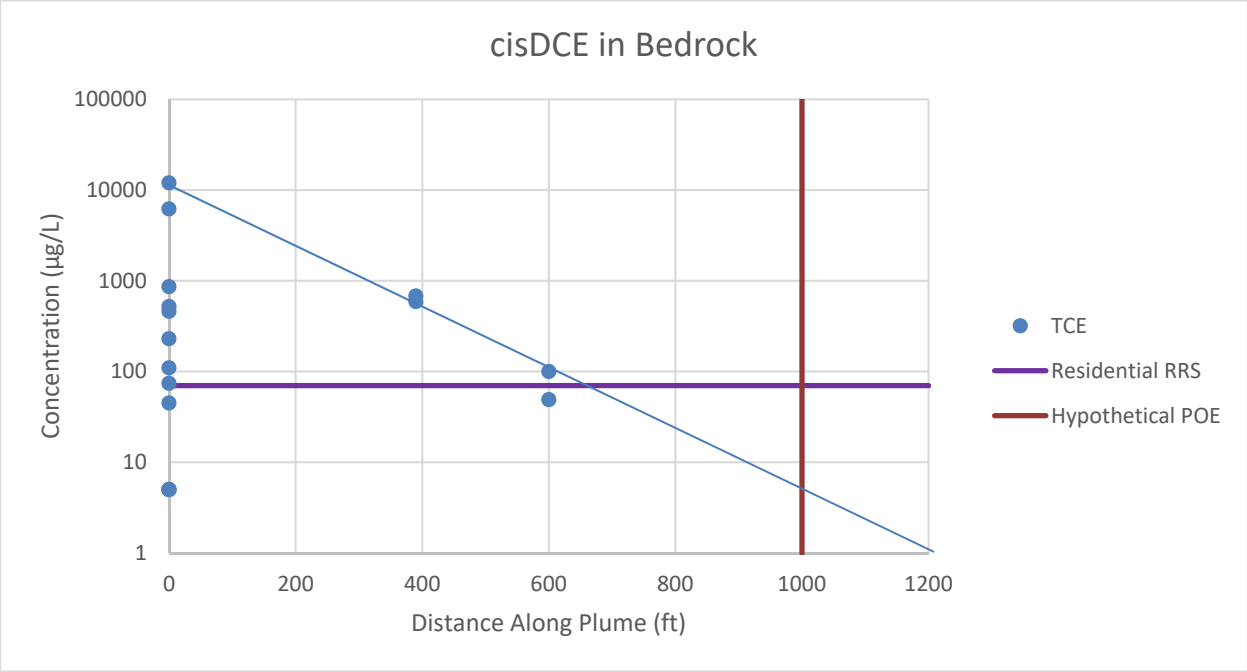
In accordance with the Act, compliance with groundwater clean-up standards are to be determined based on an evaluation of groundwater at a point of exposure. Per the Act, the "point of exposure" ("POE") means the nearest of: a) the closest drinking water well; b) the likely nearest future well; or c) a distance of 1000 feet downgradient from the delineated Site contamination. There are no drinking water wells within three miles of the Site and a Fulton County Ordinance Section 34-112(c) requires that residences and businesses connect to public water where available, eliminating any future risk of the installation of new wells. Thus, the POE is a hypothetical well located 1000 feet downgradient from the release area. Per the Act, other wells (point of demonstration ("POD") wells) may be used to demonstrate that groundwater concentrations are protective of any downgradient point of exposure. Well cluster MW-55/MW-56/MW-57 is the furthest-most downgradient monitoring wells and can serve as a POD. The well cluster is approximately 600 feet downgradient from the release area. There are low level VOC detections in the POD well cluster; however, the POE, which is 400 feet beyond the POD models to meet the residential RRSs as demonstrated below.

As the plume is mature and stable, current groundwater data (*i.e.*, an empirical model) can be used to evaluate the groundwater condition at the POE. Graphs were generated showing the concentration of TCE along the plume from the release area (the Site). The wells used are shown on Figure 19. The data from 2015-2017 from each well were used. Below are graphs for TCE in saprolite, PWR, and bedrock; and cis-DCE in bedrock. These graphs indicate that the expected concentration at the POE are below the residential RRSs.




TCE in PWR
Concentration (µg/L)
100000
10000
1000
100
10
1
0
200
400
600
800
1000
1200
Distance Along Plume (ft)
TCE
Residential RRS
Hypothetical POE


TCE in Bedrock
Concentration (µg/L)
100000
10000
1000
100
10
1
0
200
400
600
800
1000
1200
Distance Along Plume (ft)
TCE
Residential RRS
Hypothetical POE



More importantly, there is no groundwater exposure as there are no drinking water wells and none will be installed due to the availability of municipal water and the Fulton County ordinance. In conclusion, groundwater is in compliance with Residential RRSs at the POE.

6 SOIL CONDITION

6.1 Soil Delineation of COCs

Soil characterization and remedial action was completed prior to entry of the Site into the VRP. Delineation of organics and lead in soil was presented in the *Semiannual Progress Report #*1 (Arcadis, 2015A). EPD requested further documentation for delineation of lead, which was provided in the *Semiannual Progress Report #2* (Arcadis, 2015B). In a letter dated September 3, 2015, the EPD accepted soil delineation. Applicable pages from these reports are included as Appendix L.

6.2 Comparison to RRSs

As described previously, soil RRS were calculated for 1) direct contact of residents and nonresidents (*i.e.*, commercial/industrial workers) to surface soils, and 2) direct contact of construction workers to surface and subsurface soils. Historical soil data is included in Appendix B. Table 8 and Table 9 show the remaining soil data (soil not excavated) for the soil COCs. The locations are shown on Figure 20. Table 8 shows the surface soil (0-2 ft) and Table 9 shows the surface and subsurface soil (0-10 ft) COC data for the samples not removed. Each table shows the maximum detected concentration for each constituent as well as the RRSs applicable for the depth range.

Per the Act, compliance with the clean-up values may be determined "on the basis of representative concentrations of constituents of concern in soils across each applicable soil exposure domain, and the representative concentrations for groundwater at a point of exposure." It is conventional in risk assessments to use the 95% Upper Confidence Limit ("UCL") on the mean as the exposure point concentration for an exposure domain. Risk assessments commonly use exposure domains approximately 1 acre in size to represent an area of exposure. The size of the release area where soil samples were collected is approximately 1 acre in size. Thus, all the soil data were used as part of one exposure domain. The 95% UCL was calculated for these constituents using the EPA's ProUCL software (version 5.1). ProUCL input and output is presented in Appendix M.

For direct-contact with surface soil (Table 8), the only two constituents that have a maximum value greater than the Residential RRS are lead and TCE. The 95% UCL for lead (348 milligrams per kilogram, "mg/kg") is below the Non-Residential RRS (400 mg/kg). The 95% UCL for TCE (0.95 mg/kg) is below both the Residential (1.4 mg/kg) and Non-Residential (21 mg/kg) RRS. Accordingly, surface soil is in compliance with Non-Residential RRSs.

The contract between LRM and the current owner (South Central Station, LLC) limits future use to be commercial/industrial. Thus, Non-Residential RRSs are applicable for this Site.

As shown at the bottom of Table 9, the only constituent with a maximum detected concentration above the Construction Worker RRS is lead. The 95% UCL for lead (337 mg/kg) is below the Construction Worker RRS (400 mg/kg). Accordingly, subsurface soil is in compliance with the Construction Worker Value.

6.3 Protection of Groundwater

Per the Act, soil concentrations for the protection of groundwater are to be based at an established point of groundwater exposure. There is no actual point of groundwater exposure as there are no drinking water wells and the establishment of new wells is prohibited via the Fulton County Ordinance. As described more thoroughly in Section 5.6, the POE (1000 feet downgradient of the release area) for groundwater is in compliance with cleanup standards. There are no additional soil sources and the plume is mature and stable. Accordingly, soil concentrations for the protection of groundwater are not needed.

7 VAPOR INTRUSION EVALUATION

7.1 Overview

Vapor intrusion involves the migration of vapors from the subsurface (soil or groundwater), through the soil and into an overlying building. EPA's guidance regarding vapor intrusion (EPA, 2015) recommends collecting and weighing multiple lines of evidence when evaluating the potential risk due to vapor intrusion. EPA endorses the use of the VISL calculator for vapor intrusion evaluation. VISL is a spreadsheet tool that provides generally recommended screening-level concentrations for groundwater, soil gas (exterior to buildings and sub-slab) and indoor air for specified target risk levels and exposure scenarios. LRM has looked at three primary lines of evidence: groundwater data, soil gas, and indoor air.

As mentioned previously, elevated concentrations of VOCs are present in groundwater at the Site, which leads to the potential for vapor intrusion. Once vapors leave the groundwater, they migrate through the vadose zone. In this zone the soil gas can be sampled to determine if vapors are present. The vapors may then migrate through building foundations into the building. Indoor air samples can be taken to determine if vapors are present at potentially unsafe levels. LRM has collected groundwater, soil gas and indoor air samples. Figure 21 shows the locations of the soil gas and indoor air sampling as well as the nearby monitoring wells. The samples collected around the building located on the former Attwood Canvas Site (1526 East Forrest Avenue) can be used to evaluate the three lines of evidence.

7.2 Lines of Evidence

7.2.1 Shallow Groundwater

The shallow monitoring wells (screened in saprolite) closest to the building located on the former Attwood Canvas Site have the following recent groundwater concentrations in parts per billion ("ppb"):

Groundwater Results near Building

Well	TCE Result (ppb)
MW-26	48
MW-28	140
MW-39	<5
MW-42	25
MW-37	160

This gives an average TCE concentration of approximately 76 ppb, which is above the VISL target groundwater concentration, indicating that further evaluation is warranted.[2]

7.2.2 Soil Gas

Table 3 shows the results of the January 2017 soil gas sampling compared to the VISL target exterior soil gas concentrations. The target concentrations are for a commercial scenario based on a 10^{-5} target risk for carcinogens and a target hazard quotient for non-carcinogens of 1. All results except one (TCE in the sample collected from SG-1) were below the target screening levels. The soil gas concentrations in micrograms per cubic meter ("µg/m^3") nearest to the building on the former Attwood Canvas Site are as follows:

Soil Gas Results near Building

Location	Depth (ft)	TCE Soil Gas (µg/m^3)
SG-1	2.5	1,500
SG-2	2.5	<5.5
SG-3 shallow	2.5	8.1
SG-3 deep	9.0	52
SG-6 shallow	2.5	<5.5
SG-6 deep	5.5	<5.5
SG-7 shallow	2.5	<5.5
SG-7 deep	14.0	23

The average soil gas concentration is 200 µg/m^3, which is below the target soil gas concentration of 290 µg/m^3. This indicates that a vapor intrusion issue is unlikely.

7.2.3 Indoor Air

Table 10 shows a comparison of the indoor air sampling to VISL target indoor air concentrations. All results are below the target indoor air concentrations. The indoor air samples from the building are as follows:

Indoor Air Results inside Building

Location	TCE Indoor Air (µg/m^3)
AS-1	1.2
AS-2	1.2
AS-3	1.1
AS-4	1.7
AS-5	1.6

[2] The screening level concentrations in the VISL calculator are not intended to be used as clean-up levels, rather they are used to determine whether site conditions may warrant further investigation.

The average indoor air concentration is 1.36 µg/m^3, which is significantly lower than the VISL target indoor air concentration of 16 µg/m^3.

7.3 Summary

Based on these multiple lines of evidence (groundwater, soil gas and indoor air data), there is not an unacceptable risk due to vapor intrusion. Further, as this is a mature plume, the soil vapor concentrations are expected to continue to decrease over time.

Further, in the PPCSR for the former Attwood Canvas Site, Kairos Development Corporation evaluated the groundwater data and determined that there was a potential for vapor intrusion into buildings at the property. Accordingly, as an added precaution, the PPCSR (page 11 in Appendix C) states that Kairos intended to implement a vapor collection and/or venting system during construction (redevelopment) of the former Attwood Canvas property. It is unknown whether or not Kairos did implement a system on the building during redevelopment.

8 FINAL REMEDIAL ACTION PLAN

8.1 Summary of Site Remedial Actions

8.1.1 Introduction

Over the years, LRM has performed significant remediation at considerable expense:

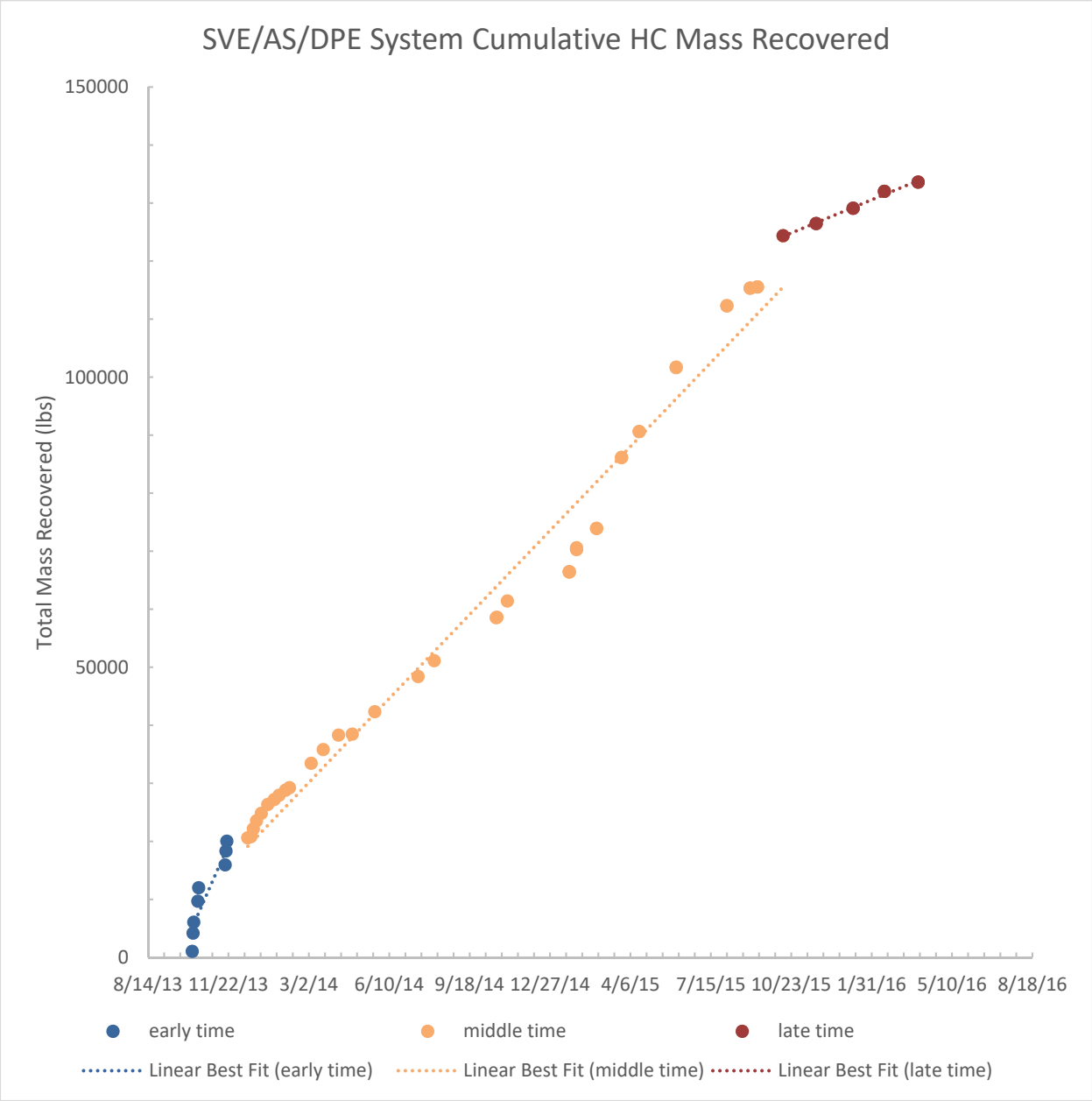
- Over 1,400 tons of soil were excavated;
- Nearly 1,000,000 gallons of water were processed through a groundwater treatment system during the P&T system's nearly 16 years of operation; and
- Approximately 133,588 lbs of VOCs were removed from the AS/SVE/DPE system during it's nearly 3 years of operation.

The soil excavations performed were sufficient such that the Site meets Non-Residential RRSs. The treatment systems served their purpose of decreasing the elevated conditions at the Site.

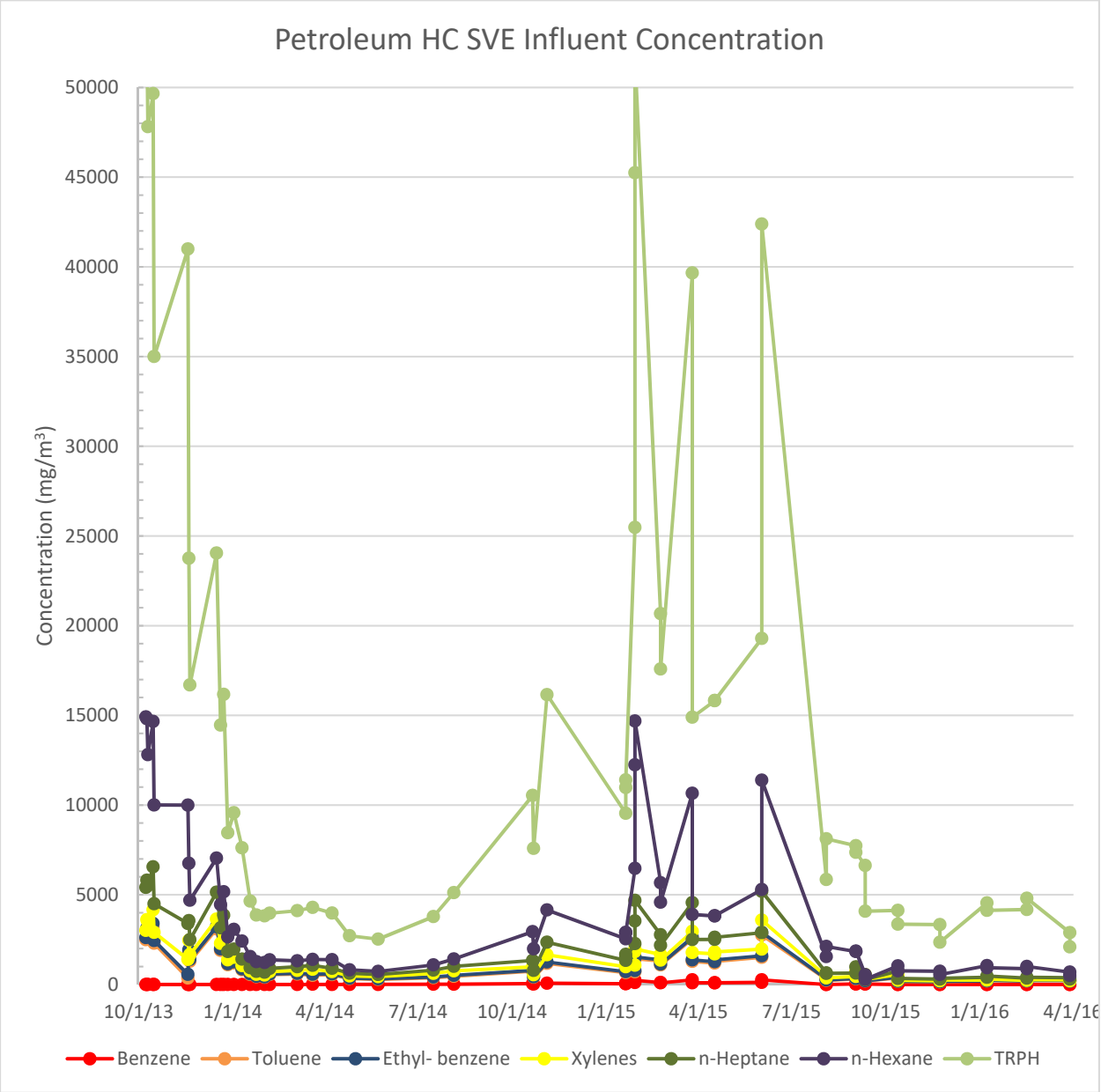
8.1.2 AS/SVE/DPE Treatment System

The AS, SVE, and DPE wells used in the system are all screened within the saprolite or PWR zones, with the exception of MW-07 and MW-32, which are deeper wells (screened in PWR/bedrock) and were converted into DPE wells.

The figure below shows the cumulative mass of hydrocarbons removed from the system. The figure shows that the effectiveness of the system has gone through three periods. In the start-up period (2013), the cumulative hydrocarbon recovery rate was very steep indicating a significant rate of removal. In the second period (2014-2015) there was a steady removal rate that was less significant than the start-up removal rate. In the third period (2015-2016) the rate of removal further flattened.



In addition to the lessening rate of COC mass removal, another factor considered in the decision to cease the AS/SVE/DPE operation involved the nature of the COCs being removed. The figure below shows a breakdown of the specific hydrocarbons removed from the system. The vast majority of the hydrocarbon mass removed are non-toxic aliphatics (n-heptane and n-hexane). The mass of aromatic hydrocarbons (*i.e.*, BTEX) removed were low to non-detect over the last year of operation. This provides another indication that the treatment system had reached its effectiveness at removal the COCs at the Site.



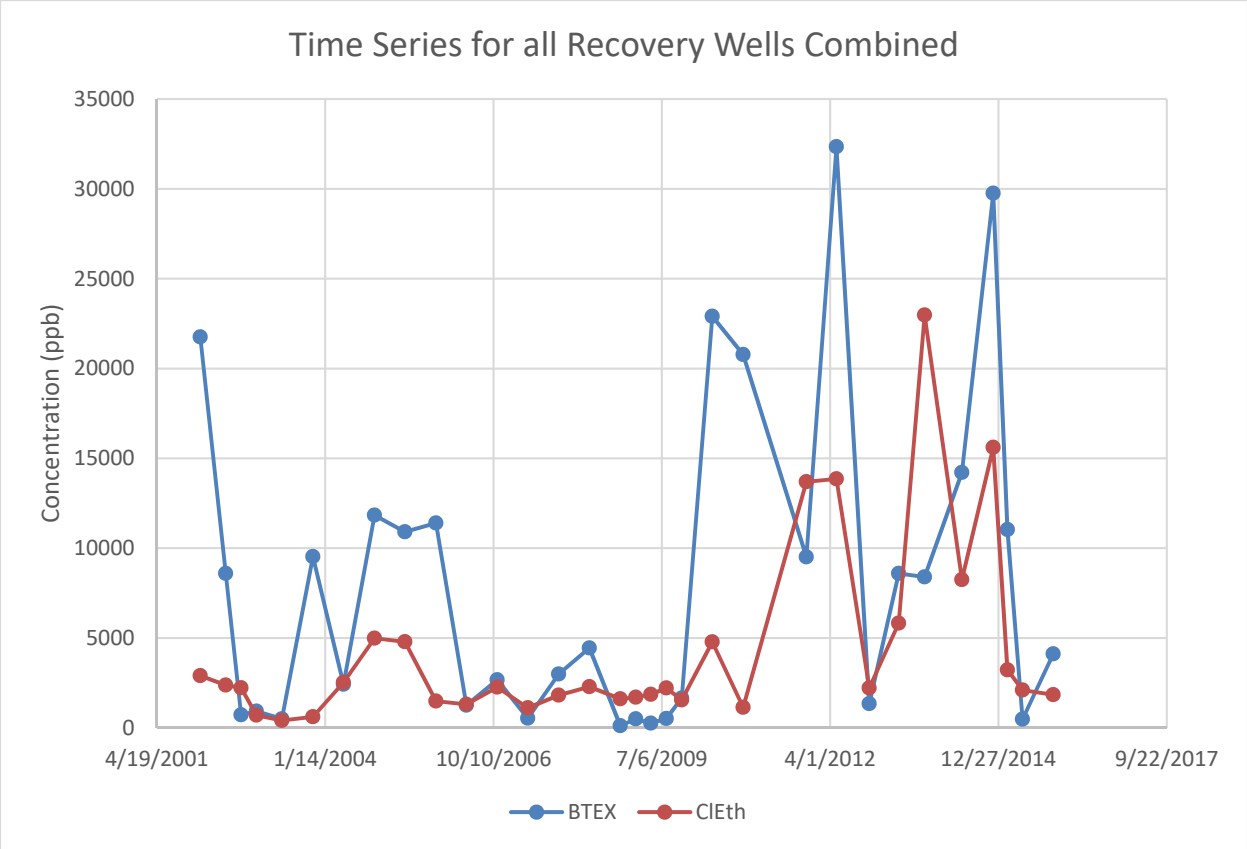
The purpose of the AS/SVE/DPE system was to target residual LNAPL (smear zone) and shallow groundwater, where the largest amount of petroleum hydrocarbons was located. This system was not designed to address the BTEX constituents located deeper in the aquifer. Although the system did effectively remove BTEX constituents in the shallow soil and groundwater, it had no impact on chlorinated ethenes in the deeper parts of the aquifer.

8.1.3 Groundwater P&T System

The recovery wells included in the groundwater treatment system are screened in all three geologic zones (saprolite, PWR, and bedrock), thus groundwater was extracted from the all zones. The groundwater remediation system operated from 2000 to August of 2016. An estimated 1,159 lbs

of total VOCs were removed from groundwater during 2001-2006 and an additional 2,366 lbs during 2012-2016. Records from 2006-2012 were not readily available; although it can be assumed a VOC removal rate equivalent to the early time period was achieved (approximately 200 lb/yr). Thus, an estimated 3,500-4,500 pounds of VOCs have been removed from groundwater through the groundwater P&T system.

The time series graph below shows the total concentrations from all recovery wells combined over time. This figure shows the erratic nature of concentrations over time and indicates that the groundwater pump-and-treat system has not been very effective. This is common to P&T remediation, *i.e.*, it is not an effective remediation alternative for restoration of the groundwater impacts.



8.2 Current Condition in Groundwater and Effectiveness of Remedial Actions

8.2.1 Condition of COCs in Saprolite and PWR Groundwater

The combination of natural processes (*e.g.*, biodegradation and volatilization), and the treatment systems have resulted in a significant decrease in concentrations in the saprolite and PWR. The table below shows the difference between the historical and current average concentration of COCs in the saprolite and PWR.

Decrease in Constituent Concentrations over Time in Saprolite and PWR[3]

COC Group	Average Concentration (µg/L)[4]		Percent Decrease
	Historical (2002-2005)	Current (2015-2016)	
Petroleum Hydrocarbons	7,181	86	99%
Chlorinated Ethenes	2,268	818	64%

In the last two years, groundwater concentrations in the saprolite and PWR have been below the 1% solubility rule values; thus sufficient "source material" remediation has been achieved by the remedial actions.

8.2.2 Condition of COCs in Bedrock Groundwater

All but one of the recovery wells included in the groundwater treatment system are screened at least partially in bedrock. The table below shows the difference between the historical and current average concentration of COCs in the bedrock.

Decrease in Constituent Concentrations over Time in Bedrock[5]

COC Group	Average Concentration (µg/L)[6]		Percent Decrease
	Historical (2002-2005)	Current (2015-2016)	
Petroleum Hydrocarbons	3,338	3,311	0.8%
Chlorinated Ethenes	10,346	9,230	11%

This table clearly shows that the condition in the bedrock has not substantially changed over time. Additionally, concentrations of TCE in some of the bedrock wells have been above 1% Solubility, indicating the possible presence of DNAPL in remote fractures in the bedrock.

Remediating DNAPL compounds in fractured bedrock is "exceptionally difficult, and in many cases, even futile" (Pankow and Cherry, 1996). The main difficulties as described by Pankow and Cherry (1996) are:

[3] Using the 19 monitoring wells present both in the past and currently. Data from January 2017 was not included as only 5 of these 19 wells were sampled.
[4] 95% Upper Confidence Limit on the Mean as determined by USEPA's ProUCL software
[5] Using the 9 monitoring and recovery wells present both in the past and currently. Data from January 2017 was not included as only 5 of these 19 wells were sampled.
[6] 95% Upper Confidence Limit on the Mean as determined by USEPA's ProUCL software

1) *Complex fracture networks cause the initial distribution of DNAPL mass to be difficult to predict or locate;*
2) *Dead-end fractures or fractures not well-connected to active groundwater flushing impede cleaning by pump-and-treat systems; and*
3) *The existence of much or nearly all the contaminant mass in the relatively immobile pore water of the matrix as a result of matrix diffusion greatly increases the time scales required for clean-up.*

A confounding problem is that back diffusion from less permeable zones to more permeable zones can sustain groundwater plumes for a very long time (Chapman and Parker, 2005).

It is well known that pump-and-treat systems are ineffective at removing DNAPLs from the subsurface as the pumping only recovers the dissolved fraction, which can be very small compared to the amount sorbed to soil (USEPA, 2009B; Stroo *et al.*, 2012). Other treatment technologies do not seem to work much better, especially those that rely on transport mechanisms of getting materials to the DNAPL or removing DNAPL from bedrock. Clean-up goals are often impossible to attain even when small amounts of DNAPL are present; accordingly, there has been a movement away from remediation to meet drinking water standards and toward risk reduction (Stroo et al., 2012). Risk reduction often includes not using the groundwater as a potable water source and allowing natural attenuation (natural bioremediation) to remediate the condition over time.

Remediating fractured bedrock is so difficult, that the EPA has issued Technical Impracticability waivers (providing relief from the need to achieve drinking water standards) for many sites that have NAPLs in bedrock. Of 85 groundwater waivers reviewed, 43 had DNAPLs, 54 had complex geology (such as fractured bedrock), and 56 had clean-up timeframes of greater than 100 years (USEPA, 2012). This is also why the VRP specifically allows for technical impracticability to be used for not requiring remediation in fractured bedrock:

Section 12-8-108(9):

- Technical impracticability. Site delineation or remediation beyond the point of technical impracticability shall not be required if the site does not otherwise pose an imminent or substantial danger to human health and the environment.

where the definition is described in 12-8-102(b)(15) as follows:

- 'Technical impracticability' means the inability to fully delineate or remediate contamination without incremental expenditures disproportionate to the incremental benefit. An example may include, without limitation, dense non-aqueous phase liquids in fractured bedrock settings.

The cost of any additional active remedial action in bedrock would be prohibitive with a minimal likelihood of success.

8.3 Final Remediation Plan

LRM has sufficiently improved conditions in the saprolite and PWR. The condition in bedrock is such that LRM maintains that it is technically impracticable to address the condition in bedrock. There are no drinking water wells in the vicinity and a Fulton County ordinance prevents any new drinking water wells in the area. Accordingly, LRM will not perform any additional active remedial measures at the Site. LRM will employ a passive remediation strategy of natural source zone depletion or natural attenuation. The natural processes include sorption, volatilization, dissolution and biodegradation.

In addition, LRM will conduct two years of groundwater monitoring. A network of 28 wells (as shown on Figure 22) will be sampled and analyzed annually for two years (once in mid-2017 and once in mid-2018) for VOCs. The analytical results will be shared with the EPD in the format of a letter report to be submitted within three months of the sampling event.

9 SITE COMPLIANCE AND DELISTING

The shallow soils (from 0 to 2 ft-bgs) meet the Non-Residential (direct-contact) RRS. Additionally, the deeper soils (0 to 10 ft-bgs) meet the direct-contact RRSs for construction workers. Accordingly, soils at the Site are in compliance with RRSs.

Groundwater is not used as a drinking water source in the area and a county ordinance prohibits the installation of new drinking water wells. Thus, there is no exposure pathway for groundwater. Regardless, groundwater sampling along the groundwater flow path indicates that a hypothetical point of exposure is in compliance with residential RRS. Accordingly, groundwater is in compliance with residential RRSs.

10 REFERENCES

Arcadis, 2011. IAVI Report for the Building North of East Forrest Avenue and the Two On-site Buildings in the Central and the most Western Portion of the Property. January 17.

Arcadis, 2013. Revised Voluntary Remediation Plan Application. August.

Arcadis, 2015.A Voluntary Investigation and Remediation Plan - Semiannual Progress Report #1. April.

Arcadis, 2015B. Voluntary Investigation and Remediation Plan - Semiannual Progress Report #2. October.

Arcadis, 2016. Voluntary Investigation and Remediation Plan - Semiannual Progress Report #3. May.

Chapman, S.W., B.L. Parker. 2005. "Plume persistence due to aquitard back diffusion following dense nonaqueous phase liquid removal or isolation." Water Resour. Res. 41 (12), W12411. 16 pp.

Cressler, C.W., Thurmond, C.J., and Hester, W.G. 1983. Ground Water in the Greater Atlanta Region, Georgia. Georgia Geologic Survey Information Circular 63.

Environment Agency, UK, 2003. An Illustrative Handbook of DNAPL Transport and Fate in the Subsurface, Environment Agency R&D Publications 133.

EPS, 2016. Semiannual VRP Progress Report #4. November.

Geotrans 2006. February. 2006 Supplemental Investigation Phase I Results Report.

GSI Environmental, 2010. GSI Mann-Kendall Toolkit For Constituent Trend Analysis User's Manual, Version 1.0. November 2012.

Law, 1986. Report of Preliminary Contamination Assessment.

McConnell, Keith I. and Charlotte E. Abrams. 1984. Geology of the Greater Atlanta Region, Bulletin 96. Department of Natural Resources, Environmental Protection Division, Georgia Geologic Survey.

Pankow, James F. and John A. Cherry. 1996. Dense Chlorinated Solvents and Other DNAPLs in Groundwater: History, Behavior, and Remediation. Waterloo Press.

Sowers, G.F. 1963. Engineering Properties of Residual Soils Derived from igneous and Metamorphic Rocks, Proc. 2nd Panamerican Conference on Soil Mechanics and Foundation Engineering, Sao Paulo, Brazil, 39-62.

Stroo, Hnas F., Andrea Leeson, Jeffrey A. Marqusee, Paul C. Johnson, C. Herb Ward, Michael C. Kavanaugh, Tom C. Sale, Charles J. Newell, Kurt D. Pennell, Carmen A. Lebron, and

Marvin Unger. 2012. "Chlorinated Ethene Source Remediation: Lessons Learned." Environmental Science & Technology. 46, 6438-6447. May 4.

Swain, L.A. Mesko, T.O., and Holiday, E.F. 2004. Summary of the Hydrogeology of the Valley and Ridge, Blue Ridge, and Piedmont Physiographic Provinces in Eastern United States, USGS Professional Paper 1422-A.

USEPA, 1992. Estimating Potential for Occurrence of DNAPL at Superfund Sites. OSWER Publication 9355.4-07FS. National Technical Information Service (NTIS) Order Number PB92-963338CDH.

USEPA, 2009A. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities Unified Guidance, U.S. Environmental Protections Agency, EPA/530/R/09-007, Washington D.C., March 2009.

USEPA. 2009B. DNAPL Remediation: Selected Projects where Regulatory Closure Goals have been Achieved. EPA 542/R-09/008. August.

USEPA. 2012. Summary of Technical Impracticability Wiavers at National Priorites List Sites. OSWER Directive 9230.2-24. August.

USEPA Region 4. 2013. Groundwater Sampling Operating Procedure (SESDPROC-301-R3). March.

Williams, L.J. and W.C. Burton. 2005. Common Types of Water-Bearing Features in Bedrock, Rockdale County, Georgia in Proceedings of the 2005 Georgia Water Resources Conference, held April 25-27, 2005 at the University of Georgia.

Wilson, C. and Martin, R. 1996. Embankment dams in the Piedmont/Blue Ridge Province. Design with Residual Materials: Geotechnical and Construction Conference, ASCE GSP 63, 27-36.

TABLES

Table 1. Groundwater RRSs and Constituents of Concern

Parameter	Type 1 RRS* (µg/L)	Residential RRS (µg/L)	NonResidential RRS (µg/L)	Maximum Detected Concentration (µg/L)	Number of Samples	Frequency of Detections	% Above Residential RRS	Constituent of Concern?
1,1,1-Trichloroethane	200	2700	14000	38	1076	8/1076		
1,1,2-Trichloroethane	5	5	410	119	1076	12/1076	0.7%	
1,1-Dichloroethene	7	100	520	100	1089	94/1089		
2-Butanone (MEK)	2000	2300	12000	550	1076	6/1076		
2-Methylphenol	10	780	5100	110	7	4/7		
4-Methyl-2-pentanone	2000	2000	4200	590	1071	34/1071		
4-Methylphenol	10	1600	10000	300	7	4/7		
Acetone	4000	8000	46000	3800	1102	8/1102		
Barium	2000	3100	20000	95	7	7/7		
Benzene	5	5.4	8.7	4700	1089	288/1089	17%	Yes
Carbon tetrachloride	5	5.7	10	11	456	2/456	0.4%	
Chlorobenzene	100	100	140	84	456	4/456		
Chloroform	80	80	80	47	1089	110/1089		
cis-1,2-Dichloroethene	70	70	200	27000	450	280/450	26%	Yes
Copper	1300	1300	4100	22	7	1/7		
Cyclohexane	10	3600	18000	2300	444	74/444		
Ethyl benzene	700	700	700	2383338	1089	217/1089	1%	Yes
Freon-11	2000	2000	2000	15	456	12/456		
Lead	15	15	15	28	41	7/41	2%	**
Methylene chloride	5	74	450	561	1089	33/1089	0.6%	
m&p-Xylene	2	58	290	15000	450	80/450	7%	Yes
o-Xylene	1	58	290	4000	449	59/449	4%	Yes
Tetrachloroethene	5	19	98	84	1089	103/1089	1%	Yes
Toluene	1000	1000	5200	250000	1089	270/1089	5%	Yes
trans-1,2-Dichloroethene	100	310	2000	896	1089	57/1089	0.2%	
Trichloroethene	5	5	5.2	540000	1090	551/1090	35%	Yes
Vinyl chloride	2	2	2	3300	1090	369/1090	22%	Yes
Xylenes (Unspecified)	10	10	10	6274000	645	172/645	0%	

RRSs approved by EPD in letter dated Septemeber 3, 2015.

Selected as COC if >1% of results above Residential RRS

* Primary delineation criteria

** Not selected as COC as only one sample exceeded the RRS. Subsequent sampling in the same well had results below the RRS.

Table 2. Soil Delineation Standards and Constituents of Concern

Parameter	Residential RRS* (mg/kg)	Maximum Detected Concentration (mg/kg)	Detection Frequency	% Above Residential RRS	Constituent of Concern?
1,1,1-Trichloroethane	20	0	0/44	0%	
1,1,2-Trichloroethane	0.5	0.047	2/44	0%	
1,1-Dichloroethene	0.71	0	0/44	0%	
2-Butanone (MEK)	200	45	7/197	0%	
4-Methyl-2-pentanone	200	49	7/197	0%	
Acetone	400	9.6	18/197	0%	
Barium	2550	321	27/27	0%	
Benzene	0.5	19	34/197	5%	Yes
Carbon tetrachloride	0.5	0	0/44	0%	
Chlorobenzene	10	0.0053	1/44	0%	
Chloroform	1	0	0/44	0%	
cis-1,2-Dichloroethene	7	29	54/197	3%	Yes
Cyclohexane	74	41	23/71	0%	
Ethyl benzene	30	210	82/197	11%	Yes
Freon-11	68	0	0/44	0%	
Lead	270	6290	267/277	38%	Yes
Methylene chloride	0.5	63	24/197	5%	Yes
m&p-Xylene	20	780	96/197	20%	Yes
o-Xylene	20	170	63/197	8%	Yes
Tetrachloroethene	0.5	0.12	7/197	0%	
Toluene	100	1900	106/197	13%	Yes
trans-1,2-Dichloroethene	10	0.016	2/197	0%	
Trichloroethene	0.5	4800	57/197	21%	Yes
Vinyl chloride	0.0002	0.032	2/44	5%	Yes

Selected as COC if >1% of results above Residential RRS

* Primary delineation criteria

Table 3. Soil Risk Reduction Standards

Parameter	Surface Soil Direct Contact RRS		Sub-Surface Soil RRS
	Residential (mg/kg)	NonResidential (mg/kg)	Construction Worker (mg/kg)
Benzene	18	66	802
cis-1,2-Dichloroethene	156	4088	1239
Ethyl benzene	92	348	12670
Lead	270	400	400
Methylene chloride	209	3817	2783
o-Xylene	254	3766	7162
m-Xylene	215	3180	6095
p-Xylene	220	3247	6218
m&p-Xylene	215	3180	6095
Toluene	3581	70228	41249
Trichloroethene	1.4	21	38
Vinyl chloride	3.4	13	345

Table 4. January 2017 Soil Gas Results

	Target Exterior Soil Gas Conc.	Former LRM Property				City Offices (1526 E Forrest)				Buggy Works (1562 E Forrest)				East of Site	
	Commercial ELCR 10^{-5}, HI 1 ($\mu g/m^3$)	SG-3 2.5 ft ($\mu g/m^3$)	SG-3 9 ft ($\mu g/m^3$)	SG-5 2.5 ft ($\mu g/m^3$)	SG-5 17 ft ($\mu g/m^3$)	SG-1 2.5 ft ($\mu g/m^3$)	SG-2 2.5 ft ($\mu g/m^3$)	SG-6 2.5 ft ($\mu g/m^3$)	SG-6 5.5 ft ($\mu g/m^3$)	SG-7 2.5 ft ($\mu g/m^3$)	SG-7 14 ft ($\mu g/m^3$)	SG-8 2.5 ft ($\mu g/m^3$)	SG-8 24 ft ($\mu g/m^3$)	SG-4 2.5 ft ($\mu g/m^3$)	SG-4 9 ft ($\mu g/m^3$)
1,1,1-Trichloroethane	730,000	<5.5	<5.5	<28	<28	7.1	<5.5	6.7	8.3	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
1,2,4-Trimethylbenzene	1,000	18	<5	79	160	<5	<5	<5	<5	<5	<5	<5	9.1	8.4	<5
1,3,5-Trimethylbenzene	--	7.6	<5	68	380	<5	<5	<5	<5	<5	<5	<5	6.8	12	<5
4-Ethyltoluene	--	<5	<5	<25	55	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-pentanone	440,000	<8.3	<8.3	100	<41	<8.3	10	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3
Benzene	520	<3.2	<3.2	130	150	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	6.7	9.3	<3.2	27
Carbon disulfide	100,000	<6.3	<6.3	<32	<32	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	11
Chloroform	180	<4.9	<4.9	<25	<25	<4.9	<4.9	<4.9	<4.9	<4.9	120	<4.9	<4.9	<4.9	<4.9
cis-1,2-Dichloroethene	--	<4	<4	<20	<20	500	<4	<4	<4	<4	<4	<4	<4	<4	<4
Ethyl benzene	1,600	4.5	<4.4	130	58	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	7.8	<4.4	5.9
Freon-11	--	<5.6	<5.6	<28	<28	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	10	<5.6	<5.6
m&p-Xylene	15,000	28	<8.8	100	580	<8.8	<8.8	<8.8	<8.8	<8.8	<8.8	12	29	10	18
o-Xylene	15,000	8.4	<4.4	42	100	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	4.8	11	<4.4	5.1
Tetrachloroethene	5,800	<6.9	8.3	<34	600	16	<6.9	<6.9	9.3	<6.9	24	18	<6.9	<6.9	<6.9
Toluene	730,000	15	4.9	160	49	4.1	5.5	13	4.3	14	11	22	38	<3.8	52
trans-1,2-Dichloroethene	--	<8	<8	<40	<40	15	<8	<8	<8	<8	<8	<8	<8	<8	<8
Trichloroethene	290	8.1	52	31	120	**1500**	<5.5	<5.5	<5.5	<5.5	23	<5.5	<5.5	<5.5	<5.5
Vinyl chloride	930	<2.6	<2.6	15	<13	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6

Exceeds Commercial Target Exterior Soil Gas Concentration

Table 5. January 2017 Groundwater Results for Detected Regulated Constituents

			Saprolite															
Parameter	GW Type 1 RRS µg/L	NonRes RRS µg/L	DPE-307 µg/L 1/18/2017	MW-02 µg/L 1/18/2017	MW-20 µg/L 1/18/2017	MW-21 µg/L 1/19/2017	MW-26 µg/L 1/18/2017	MW-28 µg/L 1/20/2017	MW-37 µg/L 1/17/2017	MW-38 µg/L 1/17/2017	MW-39 µg/L 1/17/2017	MW-42 µg/L 1/17/2017	MW-52 µg/L 1/16/2017	MW-55 µg/L 1/16/2017	SP-1 µg/L 1/5/2017	TW-01 µg/L 1/17/2017	TW-02 µg/L 1/17/2017	TW-03 µg/L 1/17/2017
Benzene	5	8.7	140	11	<5	25	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.1	<5	<5
Chloroform	80	80	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.2	<5	<5	<5	<5	<5	<5
cis-1,2-Dichloroethene	70	200	21	<5	9.3	4100	530	2500	2500	<5	<5	36	<5	8.9	<5	480	<5	<5
Cyclohexane	10	18000	81	69	<5	59	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethyl benzene	700	700	150	14	<5	61	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m&p-Xylene	2	290	670	22	<5	9.6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-Xylene	1	290	190	<5	<5	20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	5	98	<5	<5	<5	<5	<5	<5	<5	<5	<5	16	<5	<5	<5	<5	<5	<5
Toluene	1000	5200	43000	<5	<5	52	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	100	2000	<5	<5	<5	10	<5	<5	8.3	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	5	5.2	7.8	<5	<5	6.8	48	140	160	<5	<5	25	<5	9.5	<5	43	<5	<5
Vinyl chloride	2	2	<2	11	<2	1900	<2	6.2	4.8	<2	<2	<2	<2	<2	<2	7.4	<2	<2

			PWR					Bedrock							
Parameter	GW Type 1 RRS µg/L	NonRes RRS µg/L	MW-11 µg/L 1/17/2017	MW-17 µg/L 1/18/2017	MW-40 µg/L 1/17/2017	MW-45 µg/L 1/17/2017	MW-56 µg/L 1/16/2017	MW-07 µg/L 1/19/2017	MW-32 µg/L 1/19/2017	MW-41 µg/L 1/17/2017	MW-48 µg/L 1/18/2017	MW-51 µg/L 1/16/2017	MW-54 µg/L 1/16/2017	MW-57 µg/L 1/16/2017	RW-07 µg/L ########
Benzene	5	8.7	<5	<5	<5	<5	<5	<5	<5	<500	<5	28	<5	<5	9
Chloroform	80	80	<5	<5	<5	<5	<5	<5	<5	<500	<5	5.9	9.8	13	<5
cis-1,2-Dichloroethene	70	200	<5	<5	94	300	44	74	520	25000	590	660	<5	49	280
Cyclohexane	10	18000	<5	21	<5	<5	<5	<5	<5	<500	<5	<5	<5	<5	<5
Ethyl benzene	700	700	<5	<5	<5	<5	<5	<5	<5	1100	<5	<5	<5	<5	<5
m&p-Xylene	2	290	<5	<5	<5	<5	<5	<5	<5	5000	<5	<5	<5	<5	<5
Methylcyclohexane			<5	12	<5	<5	<5	<5	<5	<500	<5	<5	<5	<5	<5
o-Xylene	1	290	<5	<5	<5	<5	<5	<5	<5	770	<5	<5	<5	<5	<5
Tetrachloroethene	5	98	<5	<5	<5	<5	<5	<5	<5	<500	<5	46	<5	<5	<5
Toluene	1000	5200	<5	<5	<5	<5	<5	<5	<5	6300	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	100	2000	<5	<5	<5	<5	<5	<5	<5	<500	<5	<5	<5	<5	<5
Trichloroethene	5	5.2	<5	<5	19	240	27	9	840	150000	660	240	<5	21	6.7
Vinyl chloride	2	2	<2	<2	7.1	2.2	<2	2.9	5.4	<200	5.8	4.9	<2	<2	140

Exceeds Type 1 RRS (*i.e.* , groundwater delineation criteria)
Exceeds NonResidential RRS

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
Maximum			**4700**	**2383338**	**107000**	**5000**	**800**	**6274000**	**84**	**540000**	**27000**	**3300**
MW-02	Sap	1/1/2002	3960	1500	49140			118	<5	<5		807
MW-02	Sap	6/1/2002	4400	2100	51000			<500	<200	<200		590
MW-02	Sap	9/1/2002	3400	1000	6700			5400	<200	<200		720
MW-02	Sap	12/1/2002	1950	796	107000			2990	<5	<5		560
MW-02	Sap	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-02	Sap	8/1/2003	<5	8.4	97.2			<10	<5	3500		<5
MW-02	Sap	11/1/2003	<5	100	4560			470	<5	<5		460
MW-02	Sap	5/1/2004	<5	2383338	689			6274000	<5	135		119
MW-02	Sap	11/1/2004	3300	1000	37600			5000	<5	643		162
MW-02	Sap	5/1/2005	2980	782	27000			1607	<5	590		154
MW-02	Sap	11/1/2005	3300	630	15000			1770	<5	<5		840
MW-02	Sap	5/1/2006	2200	590	4200			1600	<5	<5		2800
MW-02	Sap	11/1/2006	2150	<5	17600			2410	<5	<5		1790
MW-02	Sap	5/1/2007	1900	280	6900			1300	<5	<5		1200
MW-02	Sap	11/1/2007	3700	840	24000			3240	<5	<5		3300
MW-02	Sap	5/1/2008	4700	2000	28000			8000	<5	<5		1900
MW-02	Sap	5/1/2009	740	180	160			150	<	<5		200
MW-02	Sap	8/1/2009	1600	330	440			300	<	<5		310
MW-02	Sap	11/1/2009	1000	350	3100			1790	<5	<5		510
MW-02	Sap	5/1/2010	2000	340	5000			1900	<5	39		600
MW-02	Sap	11/1/2010	2700	490	3600			2440	<5	<5		910
MW-02	Sap	5/24/2011	2400	350	1100	1700	390		<5	<5	40	960
MW-02	Sap	5/27/2011	2800	440	4400			2200	<5	26		900
MW-02	Sap	11/10/2011	2400	470	350	1800	150		<5	<5	13	940
MW-02	Sap	5/16/2012	2100	340	650			1300	<5	5.1		900
MW-02	Sap	11/14/2012	2400	370	86	1200	40		<5	<5	<5	1000
MW-02	Sap	5/16/2013	2400	280	150			1200	<5	<5		960
MW-02	Sap	10/7/2013	3100	490	110	1600	75		<5	<5	<5	790
MW-02	Sap	5/30/2014	3700	490	280			1700	<5	16		890
MW-02	Sap	11/24/2014	2800	300	61	840	48		<5	<5	<5	480
MW-02	Sap	5/20/2015	280	64	18	82	9.3		<5	<5	<5	110
MW-02	Sap	11/13/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-02	Sap	1/18/2017	11	14	<5	22	<5		<5	<5	<5	11
MW-03	Sap	1/1/2002	343	<5	<5			32	<5	250		10
MW-03	Sap	6/1/2002	290	5	47			46	<2	70		3
MW-03	Sap	9/1/2002	510	170	940			660	<10	1900		30
MW-03	Sap	12/1/2002	72	<5	78.9			35.2	<5	84.9		<2
MW-03	Sap	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-03	Sap	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-03	Sap	5/1/2004	433	431	<5			1314	6	272		<5
MW-03	Sap	11/1/2004	1100	900	5600			3200	<5	<5		30
MW-03	Sap	5/1/2005	1120	844	4900			3419	<5	<5		49
MW-03	Sap	11/1/2005	1100	410	5400			890	<5	78		200
MW-03	Sap	5/1/2006	180	66	1800			265	<5	14		49
MW-03	Sap	11/1/2006	162	38	396			68	<5	27		53
MW-03	Sap	5/1/2007	42	12	414			48	<5	54		<5
MW-03	Sap	11/1/2007	65	22	490			66	<5	15		24
MW-03	Sap	5/1/2008	11	5	41			23.3	<5	8.5		2.6
MW-03	Sap	11/1/2008	310	140	1700			320	<5	470		170
MW-03	Sap	2/1/2009	220	71	2100			360	<5	1100		73
MW-03	Sap	5/1/2009	100	42	1600			<	<5	890		51
MW-03	Sap	8/1/2009	320	190	4000			610	5.2	2800		100
MW-03	Sap	11/1/2009	8.9	<5	15			<5	<5	24		90
MW-03	Sap	5/1/2010	11	<5	<5			<5	<5	21		41
MW-03	Sap	11/1/2010	<5	<5	<5			<5	<5	8.6		18
MW-03	Sap	5/24/2011	<5	<5	<5	<5	<5		<5	<5	150	10
MW-03	Sap	11/9/2011	13	<5	<5	<5	<5		<5	22	1200	36
MW-03	Sap	5/15/2012	10	<5	<5	<5	<5		<5	5.3	720	49
MW-03	Sap	11/14/2012	5.3	<5	<5	<5	<5		<5	9.2	1100	49

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-03	Sap	5/16/2013	<5	<5	<5	<5	<5		<5	<5	230	22
MW-03	Sap	10/8/2013	8.7	<5	<5	<5	<5		<5	7.8	43	7.8
MW-03	Sap	5/28/2014	<5	<5	<5	<5	<5		<5	<5	8.3	<2
MW-03	Sap	11/24/2014	13	5.5	<5	14	<5		<5	<5	<5	<2
MW-03	Sap	5/20/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-03	Sap	11/13/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-04	Sap/PWR	1/1/2002	7	54	103			86	<5	158		<2
MW-04	Sap/PWR	6/1/2002	6	9	110			26	<2	49		<2
MW-04	Sap/PWR	9/1/2002	64	<40	1600			120	<40	210		<40
MW-04	Sap/PWR	12/1/2002	15.9	85.3	955			360	<5	103		<5
MW-04	Sap/PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-04	Sap/PWR	11/1/2003	<5	45	1070			458	<5	115		<5
MW-04	Sap/PWR	5/1/2004	90	181	<5			729	<5	1982		<5
MW-04	Sap/PWR	11/1/2004	<5	8	27			96	<5	<5		<5
MW-04	Sap/PWR	5/1/2005	133	45	72			247	<5	<5		<5
MW-04	Sap/PWR	11/1/2005	51	120	2200			460	<5	340		<5
MW-04	Sap/PWR	5/1/2006	86	38	1200			159	<5	42		11
MW-04	Sap/PWR	11/1/2006	89	18	1970			210	<5	144		5
MW-04	Sap/PWR	5/1/2007	16	7	306			33	<5	20		<5
MW-04	Sap/PWR	11/1/2007	78	21	1100			147	<5	420		16
MW-04	Sap/PWR	5/1/2008	71	15	220			62	<5	240		52
MW-04	Sap/PWR	11/1/2008	150	20	1300			264	<5	310		250
MW-04	Sap/PWR	8/1/2009	38	10	92			31	<	33		20
MW-04	Sap/PWR	11/1/2009	150	87	3600			448	<5	1500		100
MW-04	Sap/PWR	5/1/2010	59	19	700			128	<5	170		870
MW-04	Sap/PWR	11/1/2010	<5	<5	<5			<5	<5	<5		25
MW-04	Sap/PWR	5/25/2011	<5	<5	<5	<5	<5		<5	<5	59	57
MW-04	Sap/PWR	11/11/2011	6.5	<5	33	<5	<5		<5	10	120	68
MW-04	Sap/PWR	5/15/2012	<5	<5	<5	<5	<5		<5	12	100	14
MW-04	Sap/PWR	11/12/2012	21	<5	<5	<5	<5		<5	87	2400	45
MW-04	Sap/PWR	5/16/2013	5.9	5.4	170	25	7.1		<5	<5	77	16
MW-04	Sap/PWR	10/8/2013	<5	<5	9.4	<5	<5		<5	6.2	38	<2
MW-04	Sap/PWR	5/29/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-04	Sap/PWR	11/24/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-04	Sap/PWR	11/13/2015	<5	<5	<5	<5	<5		<5	<5	12	4.2
MW-05	BR	1/1/2002	67	31	131			44	<5	10700		<2
MW-05	BR	9/1/2002	<500	<500	580			<1300	<500	19000		<500
MW-05	BR	12/1/2002	<5	19.6	34.8			34	<5	976		<5
MW-05	BR	5/1/2003	<5	73	125			415	8.5	2430		<2
MW-05	BR	8/1/2003	<5	<5	<5			<10	<5	5460		21.9
MW-05	BR	11/1/2003	<5	<5	<5			<10	<5	950		<5
MW-05	BR	5/1/2004	<5	<5	140			69	<5	<5		<5
MW-05	BR	11/1/2004	105	118	6700			1003	<5	2480		<5
MW-05	BR	5/1/2005	120	49	5900			890	<5	1850		<5
MW-05	BR	11/1/2005	35	61	230			45	<5	5300		14
MW-05	BR	5/1/2006	57	61	580			120	<5	740		19
MW-05	BR	11/1/2006	17	32	72			20	<5	1140		17
MW-05	BR	5/1/2007	110	68	1600			230	<5	69		42
MW-05	BR	11/1/2007	29	38	200			32	<5	3600		160
MW-05	BR	5/1/2008	10	18	24			7	<5	1300		55
MW-05	BR	11/1/2008	<2500	<2500	<2500			<5000	<2500	<2500		<2500
MW-05	BR	2/1/2009	<5	<5	9			<	<5	320		78
MW-05	BR	5/1/2009	<5	<5	<5			<	<5	9.4		<
MW-05	BR	8/1/2009	<5	<5	<5			<	<5	19		<
MW-05	BR	11/1/2009	<5	<5	24			<5	<5	190		230
MW-05	BR	5/1/2010	6.2	18	87			6.5	<5	170		<2
MW-05	BR	11/1/2010	5.6	8.6	39			<5	<5	1200		790
MW-05	BR	5/25/2011	7.2	15	41	5.6	<5		<5	1700	14000	360
MW-05	BR	5/27/2011	8	17	42			<5	<5	1300		460
MW-05	BR	11/11/2011	<500	<500	<500	<500	<500		<500	4900	16000	<200

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Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-05	BR	5/15/2012	11	<5	5.8	<5	<5		<5	6400	16000	130
MW-05	BR	11/15/2012	<500	<500	<500	<500	<500		<500	4200	24000	350
MW-05	BR	5/16/2013	<2500	<2500	<2500	<2500	<2500		<2500	3500	27000	<1000
MW-05	BR	5/28/2014	<5	<5	<5	<5	<5		<5	110	96	<2
MW-06	Sap/PWR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-06	Sap/PWR	6/1/2002	<2	<2	<2			<5	<2	<2		<2
MW-06	Sap/PWR	9/1/2002										
MW-06	Sap/PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-06	Sap/PWR	5/1/2003	<5	<5	<5			<5	<5	<5		<2
MW-06	Sap/PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	11/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-06	Sap/PWR	5/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-06	Sap/PWR	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-06	Sap/PWR	5/1/2009	<5	<5	<5			<	<5	5.5		<5
MW-06	Sap/PWR	8/1/2009	<5	<5	<5			<	<5	6.2		<5
MW-06	Sap/PWR	11/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-06	Sap/PWR	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-06	Sap/PWR	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-06	Sap/PWR	5/23/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-06	Sap/PWR	11/8/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-06	Sap/PWR	5/8/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-06	Sap/PWR	11/16/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-06	Sap/PWR	5/14/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-06	Sap/PWR	10/10/2013	<5	<5	<5	<5	<5		<5	<5	11	<2
MW-06	Sap/PWR	5/20/2014	<5	<5	<5	<5	<5		<5	<5	7.8	<2
MW-06	Sap/PWR	11/18/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-06	Sap/PWR	5/15/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-06	Sap/PWR	11/11/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-07	BR	1/1/2002	<5	102	1500			585	7	43000		115
MW-07	BR	6/1/2002	<2	280	2500			1600	11	94000		<2
MW-07	BR	9/1/2002	<100	<100	210			360	<100	23000		<100
MW-07	BR	12/1/2002	<5	180	800			1120	11.8	34600		<5
MW-07	BR	5/1/2003	1360	713	<5			1893	<5	376		2060
MW-07	BR	8/1/2003	1590	401	3990			1820	<5	<5		1690
MW-07	BR	11/1/2003	<5	<5	<5			<10	<5	13000		<5
MW-07	BR	5/1/2004	<5	64	67			359375	14	<5		<5
MW-07	BR	11/1/2004	<5	21	41			85	<5	5300		<5
MW-07	BR	5/1/2005	37	22	197			144	<5	7620		<5
MW-07	BR	11/1/2005	5	7	68			70	8	26000		<5
MW-07	BR	5/1/2006	10	11	190			62	9.2	3400		<5
MW-07	BR	11/1/2006	<5	<5	12			8	8	25100		<5
MW-07	BR	5/1/2007	6	<5	98			31	16	34000		<5
MW-07	BR	11/1/2007	7	<5	82			19	17	23000		3
MW-07	BR	5/1/2008	10	17	120			75	14	23000		<2
MW-07	BR	11/1/2008	<5000	<5000	<5000			<10000	<5000	18000		<5000
MW-07	BR	2/1/2009	<5	<5	<5			<	8.6	23000		<5
MW-07	BR	5/1/2009	<5	9.5	19			72	21	37000		<5
MW-07	BR	8/1/2009	<5	<5	<5			<	<5	33000		<5
MW-07	BR	11/1/2009	<5	<5	5.1			44	20	29000		<5
MW-07	BR	5/1/2010	<5	<5	5.9			16	17	22000		<5
MW-07	BR	11/1/2010	<2500	<2500	<250			<2500	<2500	56000		<2500
MW-07	BR	5/24/2011	<2500	<2500	<2500	<2500	<2500		<2500	35000	<2500	<1000
MW-07	BR	5/27/2011	<5	<5	<5			25	19	73000		<2

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-07	BR	11/9/2011	<2500	<2500	<2500	<2500	<2500		<2500	20000	<2500	<1000
MW-07	BR	5/16/2012	<5	<5	<5	<5	<5		21	41000	2100	<2
MW-07	BR	11/15/2012	<250	<250	<250	<250	<250		<250	22000	1600	<100
MW-07	BR	5/14/2013	<5	<5	<5	<5	<5		7	6.4	24	6.8
MW-07	BR	10/8/2013	<5	<5	8.3	6.6	19		9	34000	48	<2
MW-07	BR	2/19/2014	<2500	<2500	<2500	<2500	<2500		<2500	21000	<2500	<1000
MW-07	BR	5/29/2014	<5	140	1700	530	200		14	120000	6600	<2
MW-07	BR	11/25/2014	<500	<500	<500	<500	<500		<500	18000	15000	<200
MW-07	BR	2/18/2015	<5	<5	<5	<5	<5		8.4	12000	12000	<2
MW-07	BR	5/19/2015	<5	10	6.4	13	<5		7.5	10000	6200	<2
MW-07	BR	11/17/2015	<5	22	100	120	42		5	10000	860	<2
MW-07	BR	1/19/2017	<5	<5	<5	<5	<5		<5	9	74	2.9
MW-08	Sap/PWR	1/1/2002	111	1780	10900			2460	11	3790		341
MW-08	Sap/PWR	6/1/2002	<20	31	43			<50	<20	100		51
MW-08	Sap/PWR	9/1/2002	<2	15	29			13	2	260		54
MW-08	Sap/PWR	12/1/2002	6.29	52	225			110	<5	82.8		52
MW-08	Sap/PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-08	Sap/PWR	11/1/2003	<5	205	500			84.7	<5	42		56.1
MW-08	Sap/PWR	5/1/2004	33	428	458			879	14	603		<5
MW-08	Sap/PWR	11/1/2004	<5	117	71			73	<5	<5		145
MW-08	Sap/PWR	5/1/2005	11	113	97			77	<5	<5		90
MW-08	Sap/PWR	11/1/2005	5	13	130			52	6	33		17
MW-08	Sap/PWR	5/1/2006	11	8	320			39.8	<5	760		7.6
MW-08	Sap/PWR	11/1/2006	<5	<5	60			<10	<5	180		<5
MW-08	Sap/PWR	5/1/2007	<5	<5	32			<10	<5	595		<5
MW-08	Sap/PWR	11/1/2007	10	6	140			22	<5	55		63
MW-08	Sap/PWR	5/1/2008	35	32	260			121	<5	33		38
MW-08	Sap/PWR	11/1/2008	<5	<5	41			<15	<5	660		24
MW-08	Sap/PWR	2/1/2009	<5	<5	<5			<	<5	6.3		87
MW-08	Sap/PWR	5/1/2009	<5	<5	<5			<	<5	7.3		37
MW-08	Sap/PWR	8/1/2009	<5	<5	<5			<	<5	5.3		36
MW-08	Sap/PWR	11/1/2009	<5	<5	<5			<5	<5	<5		18
MW-08	Sap/PWR	5/1/2010	<5	22	<5			<5	<5	5.9		86
MW-08	Sap/PWR	11/1/2010	15	65	1200			171	7.8	50		60
MW-08	Sap/PWR	5/24/2011	330	850	24000	2000	800		6.6	17	17000	590
MW-08	Sap/PWR	11/9/2011	46	170	3600	360	190		<5	17	3100	740
MW-08	Sap/PWR	5/16/2012	<5	<5	<5	<5	<5		10	9.8	41	<2
MW-08	Sap/PWR	11/15/2012	<5	<5	<5	<5	<5		6.8	5.7	<5	<2
MW-08	Sap/PWR	5/14/2013	<5	<5	<5	<5	<5		5.2	<5	57	<2
MW-08	Sap/PWR	10/8/2013	14	120	2700	310	120		<5	<5	1900	110
MW-08	Sap/PWR	2/19/2014	13	85	970	98	91		<5	7.1	1900	170
MW-08	Sap/PWR	5/30/2014	<5	<5	<5	<5	<5		<5	6.4	72	24
MW-08	Sap/PWR	11/25/2014	<5	<5	<5	<5	<5		<5	<5	17	2.9
MW-08	Sap/PWR	2/18/2015	<5	<5	<5	<5	<5		<5	<5	7.7	11
MW-08	Sap/PWR	5/21/2015	<5	<5	<5	<5	<5		<5	<5	8.7	15
MW-08	Sap/PWR	11/16/2015	<5	<5	<5	<5	<5		<5	<5	95	160
MW-09	BR	1/1/2002	<5	<5	<5			<10	<5	183		<2
MW-09	BR	6/1/2002	<2	<2	7			5	<2	330		<2
MW-09	BR	9/1/2002	<2	<2	<2			<5	<2	7		<2
MW-09	BR	12/1/2002	<5	<5	<5			<5	<5	256		<5
MW-09	BR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-09	BR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-09	BR	5/1/2004	<5	<5	<5			<10	<5	32		<5
MW-09	BR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-09	BR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-09	BR	11/1/2005	10	16	120			35	<5	8		<5
MW-09	BR	5/1/2006	<5	<5	<5			<10	<5	17		<5
MW-09	BR	11/1/2006	<5	<5	<5			<10	<5	126		<5
MW-09	BR	5/1/2007	5	<5	<5			<10	<5	405		10
MW-09	BR	11/1/2007	<5	<5	<5			<10	<5	25		<5

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-09	BR	5/1/2008	<5	<5	<5			<15	<5	10		<2
MW-09	BR	11/1/2008	17	<5	<5			<15	<5	1400		19
MW-09	BR	2/1/2009	30	<5	<5			<15	<5	3000		74
MW-09	BR	5/1/2009	66	<5	<5			<15	<5	1600		110
MW-09	BR	8/1/2009	140	<5	<5			<15	<5	590		170
MW-09	BR	11/1/2009	67	<5	<5			<5	<5	280		100
MW-09	BR	5/1/2010	21	<5	<5			<5	<5	3400		30
MW-09	BR	11/1/2010	14	<5	<5			<5	<5	280		22
MW-09	BR	5/24/2011	<5	<5	<5	<5	<5		<5	12	98	15
MW-09	BR	11/11/2011	<5	<5	<5	<5	<5		<5	49	94	13
MW-09	BR	5/14/2012	<5	<5	<5	<5	<5		<5	57	120	8.2
MW-09	BR	11/14/2012	<5	<5	<5	<5	<5		<5	550	250	12
MW-09	BR	5/15/2013	<5	<5	<5	<5	<5		<5	11	34	3.2
MW-09	BR	10/10/2013	<5	<5	<5	<5	<5		<5	<5	20	5.6
MW-09	BR	5/27/2014	<5	<5	<5	<5	<5		<5	5.1	13	4.9
MW-09	BR	11/21/2014	<5	<5	<5	<5	<5		<5	19	17	6.7
MW-09	BR	5/20/2015	<5	<5	<5	<5	<5		<5	56	64	<2
MW-09	BR	11/19/2015	<5	<5	<5	<5	<5		<5	<5	9.1	2.6
MW-10	Sap/PWR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-10	Sap/PWR	6/1/2002	<2	<2	<2			<5	<2	3		<5
MW-10	Sap/PWR	9/1/2002	<2	<2	<2			<5	<2	<2		<2
MW-10	Sap/PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-10	Sap/PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-10	Sap/PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-10	Sap/PWR	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-10	Sap/PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-10	Sap/PWR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-10	Sap/PWR	11/1/2005	5	11	66			25	<5	<5		<5
MW-10	Sap/PWR	5/1/2006	<5	<5	<5			<10	<5	10		<5
MW-10	Sap/PWR	11/1/2006	<5	<5	<5			<10	<5	21		<5
MW-10	Sap/PWR	5/1/2007	<5	<5	<5			<10	<5	70		<5
MW-10	Sap/PWR	11/1/2007	<5	<5	<5			<10	<5	10		2
MW-10	Sap/PWR	5/1/2008	<5	<5	<5			<15	<5	<5		<2
MW-10	Sap/PWR	11/1/2008	140	<5	<5			<15	<5	210		310
MW-10	Sap/PWR	2/1/2009	190	<5	<5			<15	<5	220		470
MW-10	Sap/PWR	5/1/2009	490	<5	<5			<15	<5	230		640
MW-10	Sap/PWR	8/1/2009	63	<5	<5			<15	<5	76		77
MW-10	Sap/PWR	11/1/2009	21	<5	<5			<5	<5	24		29
MW-10	Sap/PWR	5/1/2010	8.2	<5	<5			<5	<5	8		13
MW-10	Sap/PWR	11/1/2010	<5	<5	<5			<5	<5	<5		10
MW-10	Sap/PWR	5/24/2011	<5	<5	<5	<5	<5		<5	<5	37	11
MW-10	Sap/PWR	11/11/2011	<5	<5	<5	<5	<5		<5	<5	20	13
MW-10	Sap/PWR	5/15/2012	<5	<5	<5	<5	<5		<5	<5	18	9.9
MW-10	Sap/PWR	11/14/2012	<5	<5	<5	<5	<5		<5	<5	6	<2
MW-10	Sap/PWR	5/15/2013	<5	<5	<5	<5	<5		<5	<5	<5	3.2
MW-10	Sap/PWR	10/10/2013	<5	<5	<5	<5	<5		<5	<5	11	8.9
MW-10	Sap/PWR	5/27/2014	<5	<5	<5	<5	<5		<5	<5	5.8	2.5
MW-10	Sap/PWR	11/21/2014	<5	<5	5.3	<5	<5		<5	<5	5.3	3
MW-10	Sap/PWR	5/20/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-10	Sap/PWR	11/19/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-11	PWR	1/1/2002	<5	<5	<5			<10	<5	6		<2
MW-11	PWR	6/1/2002	<2	<2	<2			<5	<2	6		<2
MW-11	PWR	9/1/2002										
MW-11	PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-11	PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-11	PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-11	PWR	5/1/2004	<5	<5	<5			<10	<5	7		<5
MW-11	PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-11	PWR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-11	PWR	11/1/2005	<5	<5	<5			<10	<5	19		<5

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-11	PWR	5/1/2006	<5	<5	<5			<10	<5	23		<5
MW-11	PWR	11/1/2006	<5	<5	<5			<10	<5	29		<5
MW-11	PWR	5/1/2007	<5	<5	<5			<10	<5	32		<5
MW-11	PWR	11/1/2007	<5	<5	<5			<10	<5	34		<5
MW-11	PWR	5/1/2008	<5	<5	<5			<15	<5	21		<2
MW-11	PWR	11/1/2008	<5	<5	<5			<15	<5	38		<2
MW-11	PWR	2/1/2009	<5	<5	<5			<15	<5	160		<2
MW-11	PWR	5/1/2009	<5	<5	<5			<15	<5	150		<2
MW-11	PWR	8/1/2009	<5	<5	<5			<15	<5	180		<2
MW-11	PWR	11/1/2009	<5	<5	<5			<5	<5	190		<5
MW-11	PWR	5/1/2010	<5	<5	<5			<5	<5	120		<5
MW-11	PWR	11/1/2010	<5	<5	<5			<5	<5	95		<5
MW-11	PWR	5/23/2011	<5	<5	<5	<5	<5		<5	52	81	<2
MW-11	PWR	11/9/2011	<5	<5	<5	<5	<5		<5	35	47	<2
MW-11	PWR	5/8/2012	<5	<5	<5	<5	<5		<5	36	60	2.2
MW-11	PWR	11/13/2012	<5	<5	<5	<5	<5		<5	24	48	<2
MW-11	PWR	5/15/2013	<5	<5	<5	<5	<5		<5	24	50	3.8
MW-11	PWR	10/9/2013	<5	<5	<5	<5	<5		<5	15	26	<2
MW-11	PWR	5/28/2014	<5	<5	<5	<5	<5		<5	<5	9.6	<2
MW-11	PWR	11/20/2014	<5	<5	<5	<5	<5		<5	<5	7.6	<2
MW-11	PWR	5/18/2015	<5	<5	<5	<5	<5		<5	<5	6.6	<2
MW-11	PWR	11/19/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-11	PWR	1/17/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-12	Sap/PWR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-12	Sap/PWR	6/1/2002	<2	<2	<2			<5	<2	3		<2
MW-12	Sap/PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-12	Sap/PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-12	Sap/PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-12	Sap/PWR	5/1/2004	<5	<5	<5			<10	<5	11		<5
MW-12	Sap/PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-12	Sap/PWR	5/1/2005	<5	<5	<5			<10	<5	9		<5
MW-12	Sap/PWR	11/1/2005	<5	<5	<5			<10	<5	64		<5
MW-12	Sap/PWR	5/1/2006	<5	<5	<5			<10	<5	96		<5
MW-12	Sap/PWR	11/1/2006	<5	<5	<5			<10	<5	96		<5
MW-12	Sap/PWR	5/1/2007	<5	<5	<5			<10	<5	72		<5
MW-12	Sap/PWR	11/1/2007	<5	<5	<5			<10	<5	140		<5
MW-12	Sap/PWR	5/1/2008	<5	<5	<5			<15	23	120		<2
MW-12	Sap/PWR	11/1/2008	<5	<5	<5			<15	6.4	74		<5
MW-12	Sap/PWR	2/1/2009	<5	<5	<5			<15	<5	190		<5
MW-12	Sap/PWR	5/1/2009	<5	<5	<5			<15	<5	200		<5
MW-12	Sap/PWR	8/1/2009	<5	<5	<5			<15	6.1	270		<5
MW-12	Sap/PWR	11/1/2009	<5	<5	<5			<5	<5	330		<5
MW-12	Sap/PWR	5/1/2010	<5	<5	<5			<5	5.6	310		<5
MW-12	Sap/PWR	10/1/2010	<5	<5	<5			<10	<5	480		10
MW-12	Sap/PWR	11/1/2010	<5	<5	<5			<5	9.9	310		<5
MW-12	Sap/PWR	5/23/2011	<5	<5	<5	<5	<5		<5	310	480	2.8
MW-12	Sap/PWR	11/9/2011	<5	<5	<5	<5	<5		12	120	190	<2
MW-12	Sap/PWR	5/8/2012	<5	<5	<5	<5	<5		14	110	240	<2
MW-12	Sap/PWR	11/13/2012	<5	<5	<5	<5	<5		7.8	100	250	<2
MW-12	Sap/PWR	5/15/2013	<5	<5	<5	<5	<5		<5	160	240	<2
MW-12	Sap/PWR	10/9/2013	<5	<5	<5	<5	<5		<5	480	510	10
MW-12	Sap/PWR	5/27/2014	<5	<5	<5	<5	<5		<5	85	130	2.7
MW-12	Sap/PWR	11/19/2014	<5	<5	<5	<5	<5		<5	7.9	33	<2
MW-12	Sap/PWR	5/18/2015	<5	<5	<5	<5	<5		<5	22	39	<2
MW-12	Sap/PWR	11/19/2015	<5	<5	<5	<5	<5		<5	24	47	<2
MW-13	PWR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-13	PWR	6/1/2002	<2	<2	<2			<5	<2	<2		<2
MW-13	PWR	9/1/2002										
MW-13	PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-13	PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-13	PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-13	PWR	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-13	PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-13	PWR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-13	PWR	11/1/2005	<5	<5	<5			<10	<5	6		<5
MW-13	PWR	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-13	PWR	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-13	PWR	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-13	PWR	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-13	PWR	5/1/2008	<5	<5	<5			<15	<5	17		<2
MW-13	PWR	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-13	PWR	11/1/2009	<5	<5	<5			<5	<5	5.3		<5
MW-13	PWR	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-13	PWR	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-13	PWR	5/23/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	11/10/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	5/10/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	11/13/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	5/15/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	10/9/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	5/21/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	11/19/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	5/18/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-13	PWR	11/19/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-14	Sap/PWR	6/1/2002	<2	<2	<2			<5	<2	<2		<2
MW-14	Sap/PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-14	Sap/PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-14	Sap/PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-14	Sap/PWR	5/1/2004	<5	<5	<5			<10	<5	6		<5
MW-14	Sap/PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-14	Sap/PWR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-14	Sap/PWR	11/1/2005	<5	<5	<5			<10	<5	10		<5
MW-14	Sap/PWR	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-14	Sap/PWR	11/1/2006	<5	<5	<5			<10	<5	5		<5
MW-14	Sap/PWR	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-14	Sap/PWR	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-14	Sap/PWR	5/1/2008	<5	<5	<5			<15	<5	13		<2
MW-14	Sap/PWR	11/1/2008	<5	<5	<5			<15	<5	5		<5
MW-14	Sap/PWR	2/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-14	Sap/PWR	5/1/2009	<5	<5	<5			<5	<5	7.3		<5
MW-14	Sap/PWR	8/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-14	Sap/PWR	11/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-14	Sap/PWR	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-14	Sap/PWR	10/1/2010	<5	<5	<5			<10	<5	<5		<2
MW-14	Sap/PWR	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-14	Sap/PWR	5/23/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	11/10/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	5/10/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	11/13/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	5/15/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	10/9/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	5/21/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	11/19/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	5/18/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-14	Sap/PWR	11/17/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-15	Sap/PWR	6/1/2002	<2	<2	<2			<5	<2	<2		<2
MW-15	Sap/PWR	9/1/2002										
MW-15	Sap/PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-15	Sap/PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-15	Sap/PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	11/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-15	Sap/PWR	5/1/2008	<5	<5	<5			<15	<5	<5		<2
MW-15	Sap/PWR	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-15	Sap/PWR	2/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-15	Sap/PWR	5/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-15	Sap/PWR	8/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-15	Sap/PWR	11/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-15	Sap/PWR	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-15	Sap/PWR	10/1/2010	<5	<5	<5			<10	<5	<5		<2
MW-15	Sap/PWR	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-15	Sap/PWR	5/23/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	11/9/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	5/8/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	11/13/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	5/13/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	10/9/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	5/21/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	11/19/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	5/19/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-15	Sap/PWR	11/12/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-16	BR	6/1/2002	<2	<2	<2			<5	<2	<2		<2
MW-16	BR	9/1/2002										
MW-16	BR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-16	BR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-16	BR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-16	BR	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-16	BR	11/1/2004	<5	6	<5			<10	<5	<5		<5
MW-16	BR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-16	BR	11/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-16	BR	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-16	BR	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-16	BR	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-16	BR	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-16	BR	5/1/2008	<5	<5	<5			<15	<5	<5		3.7
MW-16	BR	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-16	BR	2/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-16	BR	5/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-16	BR	8/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-16	BR	11/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-16	BR	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-16	BR	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-16	BR	5/23/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	11/9/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	5/8/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	11/13/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	5/13/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	10/9/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	5/21/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	11/19/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-16	BR	5/19/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-16	BR	11/12/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-17	Sap/PWR	1/1/2002	1870	86	43			312	<5	<5		<2
MW-17	Sap/PWR	6/1/2002	94	13	78			58	<2	<2		<2
MW-17	Sap/PWR	9/1/2002	55	<2	<2			12	<2	<2		<2
MW-17	Sap/PWR	12/1/2002	32.1	<5	<5			<5	<5	<5		<5
MW-17	Sap/PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-17	Sap/PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-17	Sap/PWR	5/1/2004	85	9	<5			31	<5	<5		<5
MW-17	Sap/PWR	11/1/2004	21	<5	<5			<10	<5	<5		<5
MW-17	Sap/PWR	5/1/2005	31	<5	<5			<10	<5	<5		<5
MW-17	Sap/PWR	11/1/2005	110	<5	<5			14	<5	68		6
MW-17	Sap/PWR	5/1/2006	59	<5	<5			<10	<5	39		<5
MW-17	Sap/PWR	11/1/2006	380	<5	<5			<10	<5	5		<5
MW-17	Sap/PWR	5/1/2007	127	<5	<5			<10	<5	36		<5
MW-17	Sap/PWR	11/1/2007	89	<5	<5			<10	<5	37		<5
MW-17	Sap/PWR	5/1/2008	590	9.7	<5			59	5.2	<5		10
MW-17	Sap/PWR	11/1/2008	400	5.1	<5			13	<5	160		6.4
MW-17	Sap/PWR	2/1/2009	280	<5	14			<10	<5	6.2		6.7
MW-17	Sap/PWR	5/1/2009	30	<5	<5			<10	<5	200		<5
MW-17	Sap/PWR	8/1/2009	130	7.9	5.1			20	6.1	270		<5
MW-17	Sap/PWR	11/1/2009	420	15	6.4			61	<5	330		<5
MW-17	Sap/PWR	5/1/2010	150	21	<5			87.5	<5	<5		<5
MW-17	Sap/PWR	11/1/2010	150	14	<5			50	<5	<5		<5
MW-17	Sap/PWR	5/24/2011	240	110	<5	280	<5		<5	<5	130	13
MW-17	Sap/PWR	11/10/2011	580	71	<5	210	<5		<5	<5	26	3
MW-17	Sap/PWR	5/14/2012	710	88	<5	280	<5		<5	<5	61	5.2
MW-17	Sap/PWR	11/15/2012	200	21	<5	61	<5		<5	<5	17	2.1
MW-17	Sap/PWR	5/14/2013	1300	140	7.5	400	<5		<5	<5	190	21
MW-17	Sap/PWR	10/7/2013	220	61	<5	200	<5		<5	<5	19	2.6
MW-17	Sap/PWR	5/21/2014	560	89	6.8	320	<5		<5	<5	15	11
MW-17	Sap/PWR	11/24/2014	360	100	<5	300	<5		<5	<5	17	6.6
MW-17	Sap/PWR	5/19/2015	170	55	<5	140	<5		<5	<5	11	<2
MW-17	Sap/PWR	11/12/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-17	Sap/PWR	1/18/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-18	Sap/PWR	6/1/2002	<2	<2	<2			<5	<2	<2		<5
MW-18	Sap/PWR	9/1/2002										
MW-18	Sap/PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-18	Sap/PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-18	Sap/PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	11/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-18	Sap/PWR	5/1/2008	<5	<5	<5			<15	<5	<5		<2
MW-18	Sap/PWR	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-18	Sap/PWR	5/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-18	Sap/PWR	8/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-18	Sap/PWR	11/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-18	Sap/PWR	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-18	Sap/PWR	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-18	Sap/PWR	5/23/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	11/8/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	5/8/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	11/16/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	5/14/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-18	Sap/PWR	10/10/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	5/20/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	11/18/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	5/15/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-18	Sap/PWR	11/12/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	1/1/2002	<5	<5	<5			<10	<5	13		<2
MW-19	Sap	6/1/2002	<2	<2	<2			<5	<2	8		<2
MW-19	Sap	9/1/2002										
MW-19	Sap	12/1/2002	<5	<5	<5			<5	<5	5.31		<5
MW-19	Sap	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-19	Sap	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	11/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-19	Sap	5/1/2008	<5	<5	<5			<15	<5	7.2		<2
MW-19	Sap	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-19	Sap	2/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-19	Sap	5/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-19	Sap	8/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-19	Sap	11/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-19	Sap	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-19	Sap	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-19	Sap	5/23/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	11/10/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	5/10/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	11/13/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	5/14/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	10/9/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	5/21/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	11/19/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	5/18/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-19	Sap	11/17/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-20	Sap	1/1/2002	25	<5	<5			<10	<5	25		76
MW-20	Sap	6/1/2002	<2	<2	<2			<5	<2	31		14
MW-20	Sap	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-20	Sap	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-20	Sap	11/1/2003	<5	<5	<5			<10	<5	17.3		<5
MW-20	Sap	5/1/2004	<5	<5	<5			<10	<5	275		<5
MW-20	Sap	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-20	Sap	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-20	Sap	11/1/2005	<5	11	57			24	<5	6		<5
MW-20	Sap	5/1/2006	<5	<5	<5			<10	<5	140		<5
MW-20	Sap	11/1/2006	<5	<5	<5			<10	<5	7		<5
MW-20	Sap	5/1/2007	<5	<5	<5			<10	<5	91		<5
MW-20	Sap	11/1/2007	<5	<5	<5			<10	<5	95		<5
MW-20	Sap	5/1/2008	<5	<5	<5			<15	<5	<5		<2
MW-20	Sap	11/1/2008	8.3	<5	<5			<15	<5	450		8.5
MW-20	Sap	2/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-20	Sap	5/1/2009	<5	<5	6.3			<15	<5	<5		<5
MW-20	Sap	8/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-20	Sap	11/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-20	Sap	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-20	Sap	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-20	Sap	5/24/2011	<5	<5	<5	<5	<5		<5	<5	6.2	<2
MW-20	Sap	11/11/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-20	Sap	5/15/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-20	Sap	11/14/2012	<5	<5	<5	<5	<5		<5	<5	11	<2
MW-20	Sap	5/15/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-20	Sap	10/10/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-20	Sap	5/27/2014	<5	<5	<5	<5	<5		<5	<5	52	4.4
MW-20	Sap	11/21/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-20	Sap	5/20/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-20	Sap	11/19/2015	<5	<5	<5	<5	<5		<5	14	28	<2
MW-20	Sap	1/18/2017	<5	<5	<5	<5	<5		<5	<5	9.3	<2
MW-21	Sap	1/1/2002	215	3610	70200			15300	84	69400		55
MW-21	Sap	12/1/2002	117	197	191			70.6	13.8	1960		69.4
MW-21	Sap	5/1/2003	66.7	<5	94.7			11.7	<5	453		<2
MW-21	Sap	11/1/2003	16	290	160			507	<5	1080		150
MW-21	Sap	5/1/2004	<5	<5	<5			13	<5	500		<5
MW-21	Sap	11/1/2004	17	37	172			138	<5	<5		<5
MW-21	Sap	5/1/2005	15	81	158			65	<5	<5		12
MW-21	Sap	11/1/2005	18	93	710			374	10	<5		7
MW-21	Sap	5/1/2006	11	<5	76			<10	6.5	660		13
MW-21	Sap	11/1/2006	19	6	59			14	<5	519		21
MW-21	Sap	11/1/2007	60	6	160			20	5	650		31
MW-21	Sap	5/1/2008	100	25	220			99	8.6	240		59
MW-21	Sap	11/1/2009	110	<5	7.7			11	9	98		160
MW-21	Sap	5/1/2010	94	<5	11			64	<5	23		2900
MW-21	Sap	11/1/2010	17	6	23			8.2	<5	<5		620
MW-21	Sap	5/24/2011	21	<5	9.9	<5	5.6		<5	6.1	1100	640
MW-21	Sap	11/9/2011	28	<5	11	<5	7.4		<5	9.6	1400	640
MW-21	Sap	5/16/2012	78	<5	11	<5	7.9		7.1	51	6800	690
MW-21	Sap	11/15/2012	100	<100	<100	<100	<100		<100	<100	9400	500
MW-21	Sap	5/14/2013	140	<5	15	5.2	5.4		<5	6.4	16000	930
MW-21	Sap	10/8/2013	64	<5	6.3	<5	<5		<5	<5	10000	260
MW-21	Sap	2/19/2014	<500	<500	<500	<500	<500		<500	<500	13000	780
MW-21	Sap	5/29/2014	48	<5	6.4	<5	<5		<5	<5	9300	420
MW-21	Sap	11/25/2014	38	<5	6.5	<5	<5		<5	<5	7800	260
MW-21	Sap	2/18/2015	22	<5	<5	<5	<5		<5	<5	5100	290
MW-21	Sap	5/21/2015	<5	<5	<5	5.6	<5		<5	<5	1300	34
MW-21	Sap	11/16/2015	<5	<5	<5	<5	<5		<5	8.2	340	160
MW-21	Sap	1/19/2017	25	61	52	9.6	20		<5	6.8	4100	1900
MW-22	Sap	1/1/2002	6	<5	<5			<10	<5	17		<2
MW-22	Sap	6/1/2002	3	<2	<2			<5	<2	11		<2
MW-22	Sap	9/1/2002										
MW-22	Sap	12/1/2002	<5	<5	<5			<5	<5	6.3		<5
MW-22	Sap	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-22	Sap	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-22	Sap	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-22	Sap	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-22	Sap	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-22	Sap	11/1/2005	<5	<5	<5			<10	<5	22		<5
MW-22	Sap	5/1/2006	<5	<5	<5			<10	<5	44		<5
MW-22	Sap	11/1/2006	<5	<5	<5			<10	<5	24		<5
MW-22	Sap	5/1/2007	<5	<5	<5			<10	<5	30		<5
MW-22	Sap	11/1/2007	<5	<5	<5			<10	<5	9		<5
MW-22	Sap	5/1/2008	<5	<5	<5			<15	<5	25		<2
MW-22	Sap	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-22	Sap	2/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-22	Sap	5/1/2009	<5	<5	<5			<15	<5	14		<5
MW-22	Sap	8/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-22	Sap	11/1/2009	<5	<5	<5			<5	<5	13		<5
MW-22	Sap	5/1/2010	<5	<5	<5			<5	<5	51		<5
MW-22	Sap	11/1/2010	<5	<5	<5			<5	<5	95		<5
MW-22	Sap	5/23/2011	<5	<5	<5	<5	<5		<5	5.4	8.4	<2

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-22	Sap	11/9/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-22	Sap	5/8/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-22	Sap	11/15/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-22	Sap	5/15/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-22	Sap	10/9/2013	<5	<5	<5	<5	<5		<5	<5	5.1	<2
MW-22	Sap	5/28/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-22	Sap	11/19/2014	<5	<5	<5	<5	<5		<5	<5	15	<2
MW-22	Sap	5/18/2015	<5	<5	<5	<5	<5		<5	<5	6.5	<2
MW-22	Sap	11/19/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-23	PWR	1/1/2002	<5	<5	<5			<10	<5	12		<2
MW-23	PWR	6/1/2002	<2	<2	<2			<5	<2	6		<2
MW-23	PWR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-23	PWR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-23	PWR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-23	PWR	5/1/2004	<5	<5	<5			<10	<5	7		<5
MW-23	PWR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-23	PWR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-23	PWR	11/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-23	PWR	5/1/2006	<5	<5	<5			<10	8.4	<5		<5
MW-23	PWR	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-23	PWR	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-23	PWR	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-23	PWR	5/1/2008	<5	<5	<5			<15	8.1	<5		<2
MW-23	PWR	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-23	PWR	5/1/2009	<5	<5	<5			<15	12	<5		<5
MW-23	PWR	8/1/2009	<5	<5	<5			<15	<5	<5		<5
MW-23	PWR	11/1/2009	<5	<5	<5			<5	11	<5		<5
MW-23	PWR	5/1/2010	<5	<5	<5			<5	11	<5		<5
MW-23	PWR	11/1/2010	<5	<5	<5			<5	11	<5		<5
MW-23	PWR	5/23/2011	<5	<5	<5	<5	<5		9.7	<5	<5	<2
MW-23	PWR	11/8/2011	<5	<5	<5	<5	<5		9.3	<5	<5	<2
MW-23	PWR	5/8/2012	<5	<5	<5	<5	<5		10	<5	<5	<2
MW-23	PWR	5/15/2013	<5	<5	<5	<5	<5		7.7	6	<5	<2
MW-23	PWR	10/10/2013	<5	<5	<5	<5	<5		5	6.6	<5	<2
MW-23	PWR	5/20/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-23	PWR	11/18/2014	<5	<5	<5	<5	<5		<5	6.4	<5	<2
MW-23	PWR	5/15/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-23	PWR	11/11/2015	<5	<5	<5	<5	<5		6.9	5.7	<5	<2
MW-24	Sap	1/1/2002	<5	<5	<5			69	<5	7		<2
MW-24	Sap	6/1/2002	<2	<2	<2			<5	<2	2		<2
MW-24	Sap	9/1/2002										
MW-24	Sap	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-24	Sap	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-24	Sap	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	11/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-24	Sap	5/1/2008	<5	<5	<5			<15	<5	<5		<2
MW-24	Sap	11/1/2008	<5	<5	<5			<15	<5	<5		<2
MW-24	Sap	5/1/2009	<	<	<			<	<	<		<
MW-24	Sap	8/1/2009	<	<	<			<	<	<		<
MW-24	Sap	11/1/2009	<	<5	<5			<5	<5	<5		<5
MW-24	Sap	5/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-24	Sap	11/1/2010	<5	<5	<5			<5	<5	<5		<5
MW-24	Sap	5/23/2011	<5	<5	<5	<5	<5		62	<5	<5	<2

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-24	Sap	11/8/2011	<5	<5	<5	<5	<5		18	<5	<5	<2
MW-24	Sap	5/8/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-24	Sap	11/16/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-24	Sap	5/14/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-24	Sap	10/10/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-24	Sap	5/20/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-24	Sap	11/19/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-24	Sap	5/15/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-24	Sap	11/11/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-25	Deep BR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
MW-25	Deep BR	6/1/2002	<2	<2	<2			<5	<2	<2		<2
MW-25	Deep BR	9/1/2002										
MW-25	Deep BR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
MW-25	Deep BR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
MW-25	Deep BR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	5/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	5/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	11/1/2005	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	5/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	11/1/2006	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	5/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	11/1/2007	<5	<5	<5			<10	<5	<5		<5
MW-25	Deep BR	5/1/2008	<5	<5	<5			<15	<5	<5		<2
MW-25	Deep BR	11/1/2008	<5	<5	<5			<15	<5	<5		<5
MW-25	Deep BR	2/1/2009	<	<	<			<	<	<		<
MW-25	Deep BR	5/1/2009	<	<	<			<	<	<		<
MW-25	Deep BR	8/1/2009	<	<	<			<	<	<		<
MW-25	Deep BR	11/1/2009	<5	<5	<5			<5	<5	<5		<5
MW-25	Deep BR	5/25/2011	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-25	Deep BR	5/10/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-25	Deep BR	11/19/2012	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-25	Deep BR	5/15/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-25	Deep BR	10/10/2013	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-25	Deep BR	5/29/2014	<5	<5	<5	<5	<5		<5	8	<5	<2
MW-25	Deep BR	11/25/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-25	Deep BR	5/21/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-25	Deep BR	11/20/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-26	Sap	5/1/2010	<5	<5	<5			<5	<5	11		<5
MW-26	Sap	11/1/2010	<5	<5	<5			<5	<5	6.2		<5
MW-26	Sap	5/24/2011	<5	<5	<5	<5	<5		<5	9.1	200	<2
MW-26	Sap	11/10/2011	<5	<5	<5	<5	<5		<5	7.2	110	<2
MW-26	Sap	5/15/2012	<5	<5	<5	<5	<5		<5	5.5	30	<2
MW-26	Sap	11/14/2012	<5	<5	<5	<5	<5		<5	<5	7	<2
MW-26	Sap	5/15/2013	<5	<5	<5	<5	<5		<5	<5	47	<2
MW-26	Sap	10/7/2013	<5	<5	<5	<5	<5		<5	6.4	200	<2
MW-26	Sap	2/18/2014	<5	<5	<5	<5	<5		<5	5	95	<2
MW-26	Sap	5/23/2014	<5	<5	<5	<5	<5		<5	<5	53	<2
MW-26	Sap	11/20/2014	<5	<5	<5	<5	<5		<5	13	120	<2
MW-26	Sap	5/19/2015	<5	<5	<5	<5	<5		<5	16	160	<2
MW-26	Sap	11/16/2015	<5	<5	<5	<5	<5		<5	<5	42	<2
MW-26	Sap	1/18/2017	<5	<5	<5	<5	<5		<5	48	530	<2
MW-27	Sap	5/1/2010	140	<5	<5			5.2	5.6	63		330
MW-27	Sap	11/1/2010	89	<5	<5			<5	<5	54		260
MW-27	Sap	5/24/2011	81	<5	<5	<5	<5		<5	76	2900	230
MW-27	Sap	11/10/2011	110	<5	<5	<5	<5		<5	95	3000	160
MW-27	Sap	5/15/2012	150	<5	<5	<5	<5		6	110	3900	200
MW-27	Sap	11/14/2012	18	<5	<5	<5	<5		<5	51	2300	59
MW-27	Sap	5/16/2013	32	<5	<5	<5	<5		<5	62	4000	73
MW-27	Sap	10/10/2013	<5	<5	<5	<5	<5		<5	58	2800	32

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-27	Sap	2/19/2014	<5	<5	<5	<5	<5		<5	58	2700	17
MW-27	Sap	5/23/2014	<5	<5	<5	<5	<5		<5	39	870	22
MW-27	Sap	11/20/2014	<5	<5	<5	<5	<5		<5	69	1100	5.6
MW-27	Sap	5/19/2015	<5	<5	<5	<5	<5		<5	38	870	<2
MW-27	Sap	11/16/2015	<5	<5	<5	<5	<5		<5	23	630	<2
MW-28	Sap	5/1/2010	<5	<5	<5			<5	<5	78		<5
MW-28	Sap	11/1/2010	<5	<5	<5			<5	<5	91		<5
MW-28	Sap	5/24/2011	<5	<5	<5	<5	<5		<5	150	160	<2
MW-28	Sap	11/10/2011	<5	<5	<5	<5	<5		<5	160	160	<2
MW-28	Sap	5/16/2012	<5	<5	<5	<5	<5		<5	170	210	<2
MW-28	Sap	11/15/2012	<5	<5	<5	<5	<5		<5	130	160	<2
MW-28	Sap	5/16/2013	<5	<5	<5	<5	<5		<5	270	340	<2
MW-28	Sap	10/9/2013	<5	<5	<5	<5	<5		<5	560	700	<2
MW-28	Sap	5/28/2014	<5	<5	<5	<5	<5		<5	580	1100	2.3
MW-28	Sap	11/20/2014	<5	<5	<5	<5	<5		<5	470	2000	9.2
MW-28	Sap	5/19/2015	<5	<5	<5	<5	<5		<5	340	1500	10
MW-28	Sap	11/20/2015	<5	<5	<5	<5	<5		<5	280	1900	17
MW-28	Sap	1/20/2017	<5	<5	<5	<5	<5		<5	140	2500	6.2
MW-29	Sap	5/1/2010	<5	<5	<5			<5	<5	300		<5
MW-29	Sap	11/1/2010	<5	<5	<5			<5	<5	310		6.3
MW-29	Sap	5/24/2011	<5	<5	<5	<5	<5		<5	280	470	<2
MW-29	Sap	11/11/2011	<5	<5	<5	<5	<5		8.8	300	310	2.7
MW-29	Sap	5/16/2012	<5	<5	<5	<5	<5		11	430	530	<2
MW-29	Sap	11/15/2012	<5	<5	<5	<5	<5		<5	97	250	<2
MW-29	Sap	5/16/2013	<5	<5	<5	<5	<5		<5	180	340	<2
MW-29	Sap	10/9/2013	<5	<5	<5	<5	<5		<5	310	610	<2
MW-29	Sap	5/28/2014	<5	<5	<5	<5	<5		<5	440	1700	8.4
MW-29	Sap	11/20/2014	<5	<5	<5	<5	<5		<5	480	2900	23
MW-29	Sap	5/19/2015	<5	<5	<5	<5	<5		<5	430	2000	7.3
MW-29	Sap	11/20/2015	<5	<5	<5	<5	<5		<5	380	2000	27
MW-30	PWR / BR	10/8/2013	<5	<5	<5	<5	<5		<5	<5	<5	2.1
MW-30	PWR / BR	5/27/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-30	PWR / BR	11/24/2014	59	21	<5	54	<5		<5	<5	<5	2.1
MW-30	PWR / BR	5/19/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-30	PWR / BR	11/12/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-31	Sap ?	10/8/2013	<5	<5	<5	<5	<5		<5	<5	8.4	24
MW-31	Sap ?	5/27/2014	<5	<5	<5	<5	<5		<5	<5	<5	17
MW-31	Sap ?	11/20/2014	<5	<5	<5	<5	<5		<5	<5	6	32
MW-31	Sap ?	5/19/2015	<5	<5	<5	<5	<5		<5	<5	<5	18
MW-31	Sap ?	11/12/2015	<5	<5	<5	<5	<5		<5	<5	<5	31
MW-32	PWR / BR	10/8/2013	<5	280	3900	1100	290		17	170000	6.5	<2
MW-32	PWR / BR	2/19/2014	<5000	<5000	12000	<5000	<5000		<5000	500000	<5000	<2000
MW-32	PWR / BR	4/16/2014	<500	<500	1200	<500	<500		<500	67000	<500	<200
MW-32	PWR / BR	5/30/2014	21	510	11000	1900	510		26	470000	15	<2
MW-32	PWR / BR	11/20/2014	49	580	12000	2100	570		26	540000	14	<2
MW-32	PWR / BR	2/18/2015	<2500	<2500	<2500	<2500	<2500		<2500	59000	<2500	<1000
MW-32	PWR / BR	5/15/2015	<25000	<25000	<25000	<25000	<25000		<25000	84000	<25000	<10000
MW-32	PWR / BR	11/17/2015	<50	<50	<50	<50	<50		<50	26000	460	<20
MW-32	PWR / BR	1/19/2017	<5	<5	<5	<5	<5		<5	840	520	5.4
MW-33	Sap ?	10/8/2013	<5	170	840	270	180		<5	<5	1100	350
MW-33	Sap ?	5/29/2014	12	300	4700	930	290			47	1700	4.4
MW-33	Sap ?	11/24/2014	7.7	420	2000	920	380		<5	<5	660	90
MW-33	Sap ?	5/21/2015	21	290	12000	1300	730		<5	<5	4500	15
MW-33	Sap ?	11/16/2015	<5	7.2	<5	<5	<5		<5	<5	28	18
MW-34	PWR / BR	4/16/2014	<5	<5	21	<5	<5		<5	4900	7	<2
MW-34	PWR / BR	11/24/2014	<5	<5	<5	<5	<5		<5	400	<5	<2
MW-34	PWR / BR	2/18/2015	<5	<5	<5	<5	<5		<5	160	<5	<2
MW-34	PWR / BR	5/21/2015	<5	<5	<5	<5	<5		<5	120	<5	<2
MW-34	PWR / BR	11/16/2015	<5	<5	<5	<5	<5		<5	94	<5	<2
MW-35	PWR / BR	4/16/2014	<250	<250	340	<250	<250		<250	14000	<250	<100

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
MW-35	PWR / BR	11/24/2014	<500	<500	<500	<500	<500		<500	69000	<500	<200
MW-35	PWR / BR	2/18/2015	<5	<5	<5	<5	<5		<5	8400	45	<2
MW-35	PWR / BR	5/21/2015	<5	<5	<5	<5	<5		<5	12000	230	<2
MW-35	PWR / BR	11/16/2015	<5	<5	<5	<5	<5		<5	760	110	<2
MW-36	PWR / BR	4/17/2014	<250	<250	490	<250	<250		<250	16000	1600	<100
MW-36	PWR / BR	11/20/2014	<5	11	51	15	<5		<5	5500	9600	10
MW-36	PWR / BR	2/18/2015	<5	7	34	7.8	<5		<5	4800	9200	10
MW-36	PWR / BR	5/15/2015	<5	14	65	22	<5		<5	330	18000	13
MW-36	PWR / BR	11/17/2015	<50	<50	56	<50	<50		<50	1200	15000	78
MW-37	Sap ?	1/6/2016	<5	<5	<5	<5	<5		<5	26	520	<2
MW-37	Sap ?	1/17/2017	<5	<5	<5	<5	<5		<5	160	2500	4.8
MW-38	Sap ?	1/6/2016	<5	<5	<5	<5	<5		<5	5.5	11	<2
MW-38	Sap ?	1/17/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-39	Sap	6/23/2016	<5	<5	10	<5	<5		<5	310	22	<2
MW-39	Sap	1/17/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-40	PWR	6/23/2016	<5	<5	<5	<5	<5		<5	9	27	3.6
MW-40	PWR	1/17/2017	<5	<5	<5	<5	<5		<5	19	94	7.1
MW-41	BR	6/23/2016	31	740	4600	3100	650		33	130000	9600	36
MW-41	BR	1/17/2017	<500	1100	6300	5000	770		<500	150000	25000	<200
MW-42	Sap	6/23/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-42	Sap	1/17/2017	<5	<5	<5	<5	<5		16	25	36	<2
MW-43	PWR	6/23/2016	<5	<5	<5	<5	<5		<5	32	110	<2
MW-44	BR	6/23/2016	<5	<5	60	14	<5		5.4	3700	2700	16
MW-45	PWR	6/23/2016	<5	<5	<5	<5	<5		<5	260	360	3.2
MW-45	PWR	1/17/2017	<5	<5	<5	<5	<5		<5	240	300	2.2
MW-46	BR	6/23/2016	<5	200	350	700	190		14	29000	500	4.5
MW-47	PWR	6/23/2016	<5	<5	<5	<5	<5		<5	620	630	6.8
MW-48	BR	6/23/2016	<5	<5	<5	<5	<5		<5	960	680	5.5
MW-48	BR	1/18/2017	<5	<5	<5	<5	<5		<5	660	590	5
MW-49	Sap	10/7/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-50	PWR	10/7/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-51	BR	10/7/2016	31	<5	<5	<5	<5		52	330	900	5.7
MW-51	BR	1/16/2017	28	<5	<5	<5	<5		46	240	660	4.9
MW-52	Sap	10/7/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-52	Sap	1/16/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-53	PWR	10/7/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-54	BR	10/7/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-54	BR	1/16/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2
MW-55	Sap	10/7/2016	<5	<5	<5	<5	<5		<5	8.2	11	<2
MW-55	Sap	1/16/2017	<5	<5	<5	<5	<5		<5	9.5	8.9	<2
MW-56	PWR	10/7/2016	<5	<5	<5	<5	<5		<5	21	36	<2
MW-56	PWR	1/16/2017	<5	<5	<5	<5	<5		<5	27	44	<2
MW-57	BR	10/7/2016	<5	<5	<5	<5	<5		<5	57	100	<2
MW-57	BR	1/16/2017	<5	<5	<5	<5	<5		<5	21	49	<2
TW-01	Sap	3/3/2016	<5	<5	<5	<5	<5		10	8.2		<2
TW-01	Sap	6/23/2016	<5	<5	<5	<5	<5		6.4	19	230	2.6
TW-01	Sap	1/17/2017	6.1	<5	<5	<5	<5		<5	43	480	7.4
TW-02	Sap	3/3/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
TW-02	Sap	6/23/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
TW-02	Sap	1/17/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2
TW-03	Sap	3/3/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
TW-03	Sap	6/23/2016	<5	<5	<5	<5	<5		<5	<5	<5	<2
TW-03	Sap	1/17/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2
DPE-109	Sap	2/26/2014	<250	1100	9000	3400	1200		<250	1600	4100	<100
DPE-109	Sap	4/25/2014	52	170	12000	3700	1300		29	3000	5900	130
DPE-109	Sap	2/18/2015	<5	590	4100	2100	790		<5	56	940	5.2
DPE-118	Sap	2/26/2014	18	110	770	310	91		<5	11	610	6.2
DPE-118	Sap	4/25/2014	<250	<250	6700	1700	570		<250	1300	4400	<100
DPE-118	Sap	2/18/2015	<5	<5	<5	<5	<5		<5	33	63	<2
DPE-305	Sap	2/26/2014	3500	4500	99000	15000	4000		<250	1300	6800	<100

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
DPE-305	Sap	4/25/2014	3100	3400	93000	14000	3200		<250	8600	11000	<100
DPE-305	Sap	2/18/2015	<2500	<2500	27000	11000	2600		<2500	<2500	<2500	<1000
DPE-307	Sap	2/26/2014	3200	720	250000	2300	610		<250	<250	550	<100
DPE-307	Sap	4/25/2014	2700	540	200000	2000	510		<250	<250	400	<100
DPE-307	Sap	2/19/2015	<25000	<25000	160000	<25000	<25000		<25000	<25000	<25000	<10000
DPE-307	Sap	1/18/2017	140	150	43000	670	190		<5	7.8	21	<2
DPE-313	Sap	2/26/2014	610	840	64	2600	390		<5	<5	69	4.7
DPE-313	Sap	4/25/2014	360	220	1200	1900	400		<5	<5	28	<2
DPE-313	Sap	2/19/2015	110	950	890	2600	330		<5	<5	23	<2
DPE-408	Sap	2/26/2014	3300	750	15000	2600	720		<250	<250	970	<100
DPE-408	Sap	4/25/2014	3200	770	18000	3500	950		<250	<250	990	<100
DPE-408	Sap	2/18/2015	190	340	4100	1500	440		<5	19	660	5.4
RW-01	Sap	1/1/2002	<5	<5	<5			<10	<5	<5		<2
RW-01	Sap	6/1/2002	13	<2	<2			<5	<2	<2		<2
RW-01	Sap	9/1/2002	25	<2	<2			<5	<2	<2		<2
RW-01	Sap	12/1/2002	47	<5	<5			<5	<5	<5		<5
RW-01	Sap	5/1/2003	9.3	<5	<5			<10	<5	<5		<2
RW-02	Sap/PWR/BR	1/1/2002	1010	777	17500			2470	<5	2030		828
RW-02	Sap/PWR/BR	6/1/2002	280	400	6100			1800	10	1400		650
RW-02	Sap/PWR/BR	9/1/2002	<200	<200	700			<500	<200	1200		500
RW-02	Sap/PWR/BR	12/1/2002	74.1	6.3	642			160	<5	360		<5
RW-02	Sap/PWR/BR	5/1/2003	57.9	<5	344			87	<5	116		293
RW-02	Sap/PWR/BR	11/1/2003	540	280	7580			1132	<5	73		460
RW-02	Sap/PWR/BR	5/1/2004	306	447	487			1161	7	954		204
RW-02	Sap/PWR/BR	11/1/2004	78	138	10000			1448	<5	<5		93
RW-02	Sap/PWR/BR	5/1/2005	44	192	9080			1146	<5	<5		69
RW-02	Sap/PWR/BR	11/1/2005	200	380	9500			1310	<5	240		470
RW-02	Sap/PWR/BR	5/1/2006	68	30	900			238	<5	330		360
RW-02	Sap/PWR/BR	11/1/2006	96	48	2120			379	<5	233		1030
RW-02	Sap/PWR/BR	5/1/2007	42	7	269			170	<5	132		51
RW-02	Sap/PWR/BR	11/1/2007	130	45	2400			420	<5	420		1100
RW-02	Sap/PWR/BR	5/1/2008	140	62	3300			590	<5	230		910
RW-02	Sap/PWR/BR	11/1/2008	<5	<5	7.4			12	10	290		80
RW-02	Sap/PWR/BR	2/1/2009	18	180	190			48	<	170		260
RW-02	Sap/PWR/BR	5/1/2009	18	<	69			<	12	170		140
RW-02	Sap/PWR/BR	8/1/2009	28	<	190			92	11	350		490
RW-02	Sap/PWR/BR	11/1/2009	59	39	1100			286	9.1	65		390
RW-02	Sap/PWR/BR	5/1/2010	300	440	11000			1980	5.9	110		1400
RW-02	Sap/PWR/BR	11/1/2010	650	470	17000			2100	<100	<100		820
RW-02	Sap/PWR/BR	11/11/2011	<500	<500	8700	750	<500		<500	<500	12000	1100
RW-02	Sap/PWR/BR	5/8/2012	940	770	27000	2800	770		<5	44	12000	1300
RW-02	Sap/PWR/BR	11/19/2012	45	8.5	1100	140	51		<5	41	1300	120
RW-02	Sap/PWR/BR	5/13/2013	220	<100	7000	820	240		<100	<100	4700	500
RW-02	Sap/PWR/BR	10/14/2013	640	900	<2	2600	840	3400	<2	71	12000	1100
RW-02	Sap/PWR/BR	5/23/2014	<500	<500	13000	1200	<500		<500	<500	5700	940
RW-02	Sap/PWR/BR	11/25/2014	200	<5	4500	890	320		<5	180	3600	480
RW-02	Sap/PWR/BR	2/18/2015	<250	280	8900	1400	460		<250	<250	2000	420
RW-02	Sap/PWR/BR	5/18/2015	14	<5	260	120	90		<5	53	480	39
RW-02	Sap/PWR/BR	11/17/2015	70	88	2900	760	290		<5	32	470	370
RW-03	Sap/PWR/BR	1/1/2002	<5	<5	<5			<10	<5	44		<2
RW-03	Sap/PWR/BR	6/1/2002	<2	<2	<2			<5	2	310		3
RW-03	Sap/PWR/BR	9/1/2002	<10	<10	<10			<25	<10	530		<10
RW-03	Sap/PWR/BR	12/1/2002	<5	<5	<5			<5	<5	37		12.4
RW-03	Sap/PWR/BR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
RW-03	Sap/PWR/BR	11/1/2003	<5	<5	<5			<10	<5	69		12
RW-03	Sap/PWR/BR	5/1/2004	<5	<5	<5			<10	10	895		<5
RW-03	Sap/PWR/BR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
RW-03	Sap/PWR/BR	5/1/2005	<5	<5	338			<10	<5	<5		12
RW-03	Sap/PWR/BR	11/1/2005	10	<5	<5			<10	12	620		70
RW-03	Sap/PWR/BR	5/1/2006	16	<5	<5			<10	<5	510		44

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
RW-03	Sap/PWR/BR	11/1/2006	27	<5	<5			<10	5	717		195
RW-03	Sap/PWR/BR	5/1/2007	44	<5	<5			<10	8	766		77
RW-03	Sap/PWR/BR	11/1/2007	<5	<5	<5			<10	13	200		13
RW-03	Sap/PWR/BR	5/1/2008	<5	<5	<5			<15	5.2	100		15
RW-03	Sap/PWR/BR	11/1/2008	61	<5	<5			<15	<5	950		110
RW-03	Sap/PWR/BR	2/1/2009	61	<5	<5			<	<6	790		130
RW-03	Sap/PWR/BR	5/1/2009	120	<5	<5			<	6.6	1100		130
RW-03	Sap/PWR/BR	8/1/2009	170	<5	<5			<	6.1	850		200
RW-03	Sap/PWR/BR	11/1/2009	150	<5	<5			<5	<5	740		180
RW-03	Sap/PWR/BR	5/1/2010	39	<5	<5			<5	<5	120		100
RW-03	Sap/PWR/BR	11/1/2010	8	<5	<5			<5	<5	55		23
RW-03	Sap/PWR/BR	11/11/2011	<5	<5	<5	<5	<5		<5	26	220	6
RW-03	Sap/PWR/BR	5/8/2012	<5	<5	<5	<5	<5		<5	38	190	4.9
RW-03	Sap/PWR/BR	11/19/2012	<5	<5	<5	<5	<5		<5	52	210	4.6
RW-03	Sap/PWR/BR	5/13/2013	<5	<5	<5	<5	<5		<5	13	100	8.5
RW-03	Sap/PWR/BR	10/14/2013	<2	<2	4.3	<5	<5	<5	<2	5.1	44	7.8
RW-03	Sap/PWR/BR	5/23/2014	<5	<5	<5	<5	<5		<5	<5	20	6.7
RW-03	Sap/PWR/BR	11/17/2014	<5	<5	<5	<5	<5		<5	<5	9	8.8
RW-03	Sap/PWR/BR	5/20/2015	<5	<5	<5	<5	<5		<5	<5	15	4
RW-03	Sap/PWR/BR	11/17/2015	<5	<5	<5	<5	<5		<5	5.6	28	4.9
RW-04	Sap/PWR/BR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
RW-04	Sap/PWR/BR	6/1/2002	4	<2	<2			<5	<2	6		<2
RW-04	Sap/PWR/BR	9/1/2002										
RW-04	Sap/PWR/BR	12/1/2002	<5	<5	<5			<5	<5	296		<5
RW-04	Sap/PWR/BR	5/1/2003	<5	<5	<5			<10	<5	<5		<2
RW-04	Sap/PWR/BR	11/1/2003	<5	<5	<5			<10	<5	<5		<5
RW-04	Sap/PWR/BR	5/1/2004	<5	<5	<5			<10	<5	21		<5
RW-04	Sap/PWR/BR	11/1/2004	<5	<5	<5			<10	<5	<5		<5
RW-04	Sap/PWR/BR	5/1/2005	<5	<5	<5			<10	<5	12		<5
RW-04	Sap/PWR/BR	11/1/2005	<5	<5	<5			<10	<5	68		<5
RW-04	Sap/PWR/BR	5/1/2006	<5	<5	<5			<10	<5	62		2
RW-04	Sap/PWR/BR	11/1/2006	<5	<5	<5			<10	<5	42		<5
RW-04	Sap/PWR/BR	5/1/2007	<5	<5	<5			<10	<5	52		<5
RW-04	Sap/PWR/BR	11/1/2007	<5	<5	<5			<10	7	64		<5
RW-04	Sap/PWR/BR	5/1/2008	<5	<5	<5			<15	5.5	51		<2
RW-04	Sap/PWR/BR	11/1/2008	<5	<5	<5			<15	6.2	83		68
RW-04	Sap/PWR/BR	2/1/2009	<	<	<			<	<	93		40
RW-04	Sap/PWR/BR	5/1/2009	<	<	<			<	<	91		16
RW-04	Sap/PWR/BR	8/1/2009	<	<	5.9			<	<	110		98
RW-04	Sap/PWR/BR	11/1/2009	<5	<5	<5			<5	<5	110		<5
RW-04	Sap/PWR/BR	5/1/2010	<5	<5	<5			<5	<5	72		25
RW-04	Sap/PWR/BR	11/1/2010	<5	<5	<5			<5	<5	52		<5
RW-04	Sap/PWR/BR	11/9/2011	<5	<5	<5	<5	<5		<5	47	49	<2
RW-04	Sap/PWR/BR	5/8/2012	<5	<5	<5	<5	<5		<5	46	63	<2
RW-04	Sap/PWR/BR	11/19/2012	<5	<5	<5	<5	<5		<5	52	63	<2
RW-04	Sap/PWR/BR	5/13/2013	<5	<5	<5	<5	<5		<5	32	48	<2
RW-04	Sap/PWR/BR	10/14/2013	<2	<2	<2	<5	<5	<5	<2	5.5	8.1	<2
RW-04	Sap/PWR/BR	5/23/2014	<5	<5	<5	<5	<5		<5	<5	<5	<2
RW-04	Sap/PWR/BR	11/17/2014	<5	<5	<5	<5	<5		<5	5.4	6.6	<2
RW-04	Sap/PWR/BR	5/20/2015	<5	<5	<5	<5	<5		<5	<5	<5	<2
RW-05	Sap/PWR/BR	1/1/2002	<5	<5	<5			<10	<5	<5		<2
RW-05	Sap/PWR/BR	6/1/2002	<2	<2	<2			<5	<2	<2		<2
RW-05	Sap/PWR/BR	9/1/2002										
RW-05	Sap/PWR/BR	12/1/2002	<5	<5	<5			<5	<5	<5		<5
RW-06	Sap/PWR/BR?	5/1/2004	<5	<5	<5			<10	<5	274		<5
RW-06	Sap/PWR/BR?	11/1/2004	<5	<5	74			<10	<5	<5		<5
RW-06	Sap/PWR/BR?	5/1/2005	<5	<5	78			<10	<5	5		<5
RW-06	Sap/PWR/BR?	11/1/2005	<5	<5	<5			<10	<5	5		<5
RW-06	Sap/PWR/BR?	5/1/2006	<5	<5	<5			<10	<5	6.7		<5
RW-06	Sap/PWR/BR?	11/1/2006	<5	<5	<5			<10	<5	30		14

Table 6. Historical Groundwater Results for COCs

Location	Geologic Zone	Date Sampled	BTEX						Chlorinated Hydrocarbons			
			Benzene µg/L	Ethyl benzene µg/L	Toluene µg/L	m&p-Xylene µg/L	o-Xylene µg/L	Xylenes (unspecified) µg/L	Tetrachloro-ethene µg/L	Trichloro-ethene µg/L	cis-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Type 1 RRS			**5**	**700**	**1000**	**2**	**1**	**10000**	**5**	**5**	**70**	**2**
Residential RRS			**5.4**	**700**	**1000**	**58**	**58**	**10000**	**19**	**5**	**70**	**2**
NonResidential RRS			**8.7**	**700**	**5200**	**290**	**290**	**10000**	**98**	**5.2**	**200**	**2**
RW-06	Sap/PWR/BR?	5/1/2007	<5	<5	<5			<10	<5	31		<5
RW-06	Sap/PWR/BR?	11/1/2007	<5	<5	<5			<10	<5	<5		<5
RW-06	Sap/PWR/BR?	5/1/2008	<5	<5	<5			<15	<5	<5		<5
RW-06	Sap/PWR/BR?	11/1/2008	<5	<5	<5			9.6	<5	<5		<2
RW-06	Sap/PWR/BR?	2/1/2009	<5	<5	<5			<10	<5	130		84
RW-06	Sap/PWR/BR?	5/1/2009	56	<5	<5			<10	<5	98		95
RW-06	Sap/PWR/BR?	8/1/2009	31	<5	<5			<10	<5	66		36
RW-06	Sap/PWR/BR?	11/1/2009	11	<5	<5			<10	<5	42		13
RW-06	Sap/PWR/BR?	5/1/2010	9.7	<5	<5			<5	<5	16		17
RW-06	Sap/PWR/BR?	11/1/2010	32	<5	<5			<5	<5	34		35
RW-06	Sap/PWR/BR?	11/11/2011	6.3	<5	<5	<5	<5		<5	16	180	11
RW-06	Sap/PWR/BR?	5/8/2012	<5	<5	<5	<5	<5		<5	<5	120	6.4
RW-06	Sap/PWR/BR?	11/19/2012	6	<5	<5	<5	<5		<5	17	340	18
RW-06	Sap/PWR/BR?	5/13/2013	<5	<5	<5	<5	<5		<5	12	210	16
RW-06	Sap/PWR/BR?	10/14/2013	7.1	<2	<2	<5	<5	<5	<2	17	420	16
RW-06	Sap/PWR/BR?	5/23/2014	10	<5	<5	<5	<5		<5	16	360	44
RW-06	Sap/PWR/BR?	11/17/2014	<5	<5	<5	<5	<5		<5	13	370	19
RW-06	Sap/PWR/BR?	5/18/2015	<5	<5	<5	<5	<5		<5	8.1	210	21
RW-06	Sap/PWR/BR?	11/17/2015	<5	<5	<5	<5	<5		<5	11	190	25
RW-07	Sap/PWR/BR?	5/1/2004	<5	<5	22			<10	<5	165		<5
RW-07	Sap/PWR/BR?	11/1/2004	6	<5	65			28	<5	4900		<5
RW-07	Sap/PWR/BR?	5/1/2005	14	<5	5			14	<5	4700		<5
RW-07	Sap/PWR/BR?	11/1/2005										
RW-07	Sap/PWR/BR?	5/1/2006	6.7	<5	<5			<10	<5	<5		<5
RW-07	Sap/PWR/BR?	11/1/2006	<5	<5	<5			<10	<5	<5		<5
RW-07	Sap/PWR/BR?	5/1/2007	<5	<5	<5			<10	<5	<5		<5
RW-07	Sap/PWR/BR?	11/1/2007	<5	<5	<5			<10	<5	<5		6
RW-07	Sap/PWR/BR?	5/1/2008	92	36	130			97	<5	<5		970
RW-07	Sap/PWR/BR?	11/1/2008	8.6	<5	9.1			6.1	<5	13		<5
RW-07	Sap/PWR/BR?	2/1/2009	5.2	<	<			<	<	5.7		<
RW-07	Sap/PWR/BR?	5/1/2009	<	<	<			<	<	5.2		<
RW-07	Sap/PWR/BR?	8/1/2009	<	<	<			<	<	5.3		<
RW-07	Sap/PWR/BR?	11/1/2009	<5	<5	10			<5	<5	<5		<5
RW-07	Sap/PWR/BR?	5/1/2010	550	850	4700			3040	<5	22		2900
RW-07	Sap/PWR/BR?	11/1/2010	32	31	330			124	<5	<5		120
RW-07	Sap/PWR/BR?	11/11/2011	<5	<5	31	17	10		<5	<5	33	8.8
RW-07	Sap/PWR/BR?	5/8/2012	6.1	<5	35	23	10		<5	<5	38	13
RW-07	Sap/PWR/BR?	11/19/2012	<5	<5	<5	<5	<5		<5	<5	<5	4.2
RW-07	Sap/PWR/BR?	5/13/2013	28	8.8	140	100	38		<5	<5	130	58
RW-07	Sap/PWR/BR?	10/14/2013	<2	<2	<2	<5	<5	<5	<2	2.5	36	6.4
RW-07	Sap/PWR/BR?	5/23/2014	<5	<5	<5	<5	<5		<5	<5	<5	17
RW-07	Sap/PWR/BR?	5/18/2015	<5	<5	<5	<5	<5		<5	<5	16	13
RW-07	Sap/PWR/BR?	11/17/2015	<5	<5	6	<5	<5		<5	<5	9.3	3.2
RW-07	Sap/PWR/BR?	1/18/2017	9	<5	<5	<5	<5		<5	6.7	280	140
RW-08	PWR / BR	10/7/2013	<5	<5	<5	6	<5		<5	3500	1400	20
RW-08	PWR / BR	2/19/2014	6.9	<5	<5	<5	<5		<5	400	700	48
RW-08	PWR / BR	11/17/2014	470	530	20000	2200	650		<5	120	9800	1000
RW-08	PWR / BR	2/18/2015	<5	<5	<5	<5	<5		<5	170	630	2.1
RW-08	PWR / BR	5/20/2015	<5	<5	<5	<5	<5		<5	410	830	4.9
RW-08	PWR / BR	11/17/2015	<5	<5	<5	<5	<5		<5	290	390	13
SP-1	Sap	1/5/2017	<5	<5	<5	<5	<5		<5	<5	<5	<2

BR - Bedrock
PWR - Partially Weathered Rock
Sap - Saprolite

Table 7. Mann-Kendall Results Summary Table for Plume Stability

Location	Geologic Zone	Plume location	BTEX				Chlorinated Ethenes				
			Benzene	Ethyl-benzene	Toluene	Total Xylenes	PCE	TCE	DCE	Vinyl Chloride	Total Chlorinated Ethenes 2011-2017 (molar)
MW-02	Saprolite	Release Area	Stable	Decreasing	Decreasing	Pr. Decreasing	--	--	--	No Trend	Decreasing
MW-03	Saprolite	Release Area	Decreasing	Decreasing	Decreasing	Decreasing	--	Decreasing	Decreasing	No Trend	Decreasing
MW-04	Sap/PWR	Release Area	Decreasing	Decreasing	Decreasing	Decreasing	--	Decreasing	Decreasing	Increasing	Decreasing
MW-05	Bedrock	Release Area	No Trend	Decreasing	Decreasing	Decreasing	--	No Trend	No Trend	--	No Trend
MW-07	Bedrock	Release Area	--	Decreasing	Decreasing	Decreasing	No Trend	Stable	No Trend	--	Pr. Decreasing
MW-08	Sap/PWR	Release Area	No Trend	Decreasing	Decreasing	Decreasing	--	Decreasing	Pr. Decreasing	No Trend	No Trend
MW-09	Bedrock	Mid-Plume	--	--	--	--	--	No Trend	Decreasing	--	Decreasing
MW-10	Sap/PWR	Mid-Plume	--	--	--	--	--	--	Decreasing	No Trend	Decreasing
MW-11	PWR	Mid-Plume	--	--	--	--	--	No Trend	Decreasing	--	Decreasing
MW-12	Sap/PWR	Mid-Plume	--	--	--	--	--	Increasing	Decreasing	--	Pr. Decreasing
MW-17	Sap/PWR	Release Area	Increasing	Increasing	--	Increasing	--	--	Decreasing	--	Decreasing
MW-17 (2013-2017)	Sap/PWR	Release Area	Decreasing	Decreasing	--	Decreasing					
MW-21	Saprolite	Release Area	Stable	--	Decreasing	Decreasing	--	Decreasing	Stable	Increasing	Stable
MW-23	PWR	Mid-Plume									Decreasing
MW-26	Saprolite	Mid-Plume	--	--	--	--	--	No Trend	No Trend	--	No Trend
MW-27	Saprolite	Mid-Plume	Decreasing	--	--	--	--	Decreasing	Decreasing	Decreasing	Decreasing
MW-28	Saprolite	Mid-Plume	--	--	--	--	--	Increasing	Increasing	Increasing	Increasing
MW-28 (2014-2017)	Saprolite	Mid-Plume	--	--	--	--	--	Decreasing	No Trend	No Trend	No Trend
MW-29	Saprolite	Mid-Plume	--	--	--	--	--	Pr. Increasing	Increasing	Pr. Increasing	Increasing
MW-29 (2014-2017)	Saprolite	Mid-Plume	--	--	--	--	--	Stable	No Trend	No Trend	No Trend
MW-32	PWR/Bedrock	Release Area	--	--	Stable	--	--	Decreasing	--	--	Decreasing
MW-33	Saprolite	Release Area	--	Stable	No Trend	No Trend	--	--	No Trend	No Trend	No Trend
MW-34	PWR/Bedrock	Release Area	--	--	--	--	--	Decreasing	--	--	Decreasing
MW-35	PWR/Bedrock	Release Area	--	--	--	--	--	No Trend	--	--	No Trend
MW-36	PWR/Bedrock	Release Area	--	--	No Trend	--	--	Decreasing	No Trend	No Trend	No Trend
RW-01	Saprolite	Release Area	No Trend	--	--	--	--	--	--	--	--
RW-02	Sap/PWR/BR	Release Area	No Trend	No Trend	No Trend	No Trend	--	Decreasing	Decreasing	No Trend	Decreasing
RW-03	Sap/PWR/BR	Release Area	--	--	--	--	--	Decreasing	Decreasing	No Trend	Decreasing
RW-04	Sap/PWR/BR	Release Area	--	--	--	--	--	No Trend	Decreasing	--	Decreasing
RW-06	Sap/PWR/BR	Release Area	--	--	--	--	--	No Trend	No Trend	Increasing	No Trend
RW-08	PWR/Bedrock	Release Area	--	--	--	--	--	No Trend	No Trend	No Trend	No Trend

Notes:

Sap - Saprolite

PWR - Partially Weathered Rock

BR - Bedrock

Pr. - "Probably"

-- Not sufficient detection data to perform Mann-Kendall analysis

Table 8. Surface Soil (0-2ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Residential RRS			18	156	209	92	270	215	254	3581	1.4	3.4
NonResidential RRS			66	4088	3817	348	400	3180	3766	70228	21	13
Maximum			5.2	1.3	0.2	89	1520	28	0.82	27	8.1	0.032
95% UCL							348				0.95	
SB-1	3/9/2010	1-2	0.011	0.51	0.026	0.0044	36	0.013	<0.0044	0.39	1.3	
SB-102	5/20/2013	0					887					
SB-11	8/24/2010	1-2	<0.51	<0.51	<0.51	<0.51	180	1.6	0.6	6.7	<0.51	
SB-110	7/24/2013	0-1					374					
SB-111	7/24/2013	0-2					180					
SB-12	8/24/2010	1-2	<0.14	<0.14	<0.14	<0.14	25	<0.29	<0.14	<0.14	1.3	
SB-127	8/12/2013	0-1					364					
SB-128	8/12/2013	0-1					262					
SB-13	8/24/2010	1-2	<0.005	<0.005	<0.005	<0.005	350	<0.01	<0.005	<0.005	<0.005	
SB-130	8/15/2013	0-0.5					165					
SB-132	8/15/2013	0-2					241					
SB-135	8/15/2013	0-2					158					
SB-136	8/15/2013	0-0.5					531					
SB-137	8/15/2013	0-0.5					843					
SB-138	8/15/2013	0-0.5					425					
SB-14	8/24/2010	1-2	<8.4-02	<8.4-02	<8.4-02	<8.4-02	29	<0.17	<8.4-02	<8.4-02	1	
SB-140	8/22/2013	0-2					213					
SB-142	1/14/2015	0-1	<0.0075	<0.0075	<0.03	<0.0075	39J	0.056	0.019	<0.0075	<0.0075	<0.015
SB-142	1/14/2015	1-3	<0.0065	<0.0065	<0.026	<0.0065	339J	<0.0065	<0.0065	<0.0065	0.01J	<0.013
SB-143	1/14/2015	1-3					13.7					
SB-144	1/14/2015	0-1	<0.0066	<0.0066	<0.026	<0.0066	111J	<0.0066	<0.0066	<0.0066	<0.0066	<0.013
SB-144	1/14/2015	1-3					11.6J					
SB-145	1/14/2015	0-1	<0.0066	<0.0066	<0.026	<0.0066	20.4J	<0.0066	<0.0066	<0.0066	<0.0066	<0.013
SB-145	1/14/2015	1-3	<0.0077	<0.0077	<0.031	<0.0077	17.1J	<0.0077	<0.0077	<0.0077	<0.0077	<0.015
SB-146	1/14/2015	0-1	<0.0069	<0.0069	<0.028	<0.0069		<0.0069	<0.0069	<0.0069	<0.0069	<0.014
SB-146	1/14/2015	1-3					14.5J					
SB-147	1/14/2015	0-1	<0.0055	<0.0055	<0.022	<0.0055	141J	0.04	7.90E-03	<0.0055	<0.0055	<0.011
SB-147	1/14/2015	1-3					45.4J					
SB-148	1/14/2015	0-1	0.0055	<0.0039	<0.016	0.0097	148J	<0.0039	<0.0039	<0.0039	<0.0039	<7.9E-03
SB-148	1/14/2015	1-3	<2.4	<2.4	<9.700001	89	15.9J	28	<2.4	<2.4	<2.4	<4.8
SB-149	1/15/2015	0-1	<0.0055	<0.0055	<0.022	<0.0055	17.4J	<0.0055	<0.0055	<0.0055	<0.0055	<0.011
SB-149	1/15/2015	1-3					21.4J					
SB-15	8/25/2010	1-2	<0.11	<0.11	<0.11	<0.11	15	<0.22	<0.11	<0.11	<0.11	
SB-150	1/15/2015	0-1	<0.0041	<0.0041	<0.016	<0.0041	107J	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082
SB-150	1/15/2015	1-3					141J					
SB-151	1/15/2015	0-1	<0.0052	<0.0052	<0.021	<0.0052	157J	<0.0052	<0.0052	<0.0052	<0.0052	<0.01

Table 8. Surface Soil (0-2ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Residential RRS			18	156	209	92	270	215	254	3581	1.4	3.4
NonResidential RRS			66	4088	3817	348	400	3180	3766	70228	21	13
Maximum			5.2	1.3	0.2	89	1520	28	0.82	27	8.1	0.032
95% UCL							348				0.95	
SB-151	1/15/2015	1-3					254J					
SB-152	1/15/2015	0-1	<0.0044	<0.0044	<0.017	<0.0044	64J	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087
SB-152	1/15/2015	1-3					13.9J					
SB-154	4/23/2015	0-1					193					
SB-154	4/23/2015	1-3					125					
SB-155	4/23/2015	0-1					83.5					
SB-155	4/23/2015	1-3					336					
SB-156	4/23/2015	0-1					275					
SB-156	7/29/2015	0-1					193					
SB-156	4/23/2015	1-3					471					
SB-156	7/29/2015	1-3					378					
SB-157	4/23/2015	0-1					53.6					
SB-157	4/23/2015	1-3					10.6					
SB-158	7/29/2015	0-1					18					
SB-158	7/29/2015	1-3					57					
SB-159	7/29/2015	0-1					118					
SB-159	7/29/2015	1-3					29					
SB-16	8/25/2010	1-2	<0.0058	<0.0058	<0.0058	<0.0058	100	<0.012	<0.0058	<0.0058	<0.0058	
SB-19	8/25/2010	1-2	<0.16	0.27	0.2	<0.16	27	0.53	<0.16	0.86	0.72	
SB-21	8/25/2010	1-2	<0.0052	<0.0052	<0.0052	0.027	12	<0.01	<0.0052	6.80E-03	<0.0052	
SB-23A	7/13/2012	0-2					270					
SB-24	8/25/2010	1-2	<0.14	0.38	<0.14	<0.14	22	<0.29	<0.14	<0.14	<0.14	
SB-25	8/25/2010	1-2	0.01	7.60E-02	0.046	<0.0076	13	0.032	0.01	0.2	0.082	
SB-26	8/25/2010	1-2	<0.0054	<0.0054	<0.0054	<0.0054	310	<0.011	<0.0054	<0.0054	<0.0054	
SB-29	8/25/2010	1-2	<0.0059	0.0065	<0.0059	<0.0059	18	<0.012	<0.0059	<0.0059	<0.0059	
SB-31	8/25/2010	1-2	<1.1	<1.1	<1.1	2.6	210	2.3	<1.1	<1.1	<1.1	
SB-33	8/26/2010	1-2	<0.21	<0.21	<0.21	<0.21	11	<0.42	<0.21	0.54	2	
SB-34	8/26/2010	1-2	<0.0051	<0.0051	<0.0051	<0.0051	28	<0.01	<0.0051	0.0089	0.0092	
SB-36	8/26/2010	1-2	<0.0045	<0.0045	<0.0045	<0.0045	30	<9.0E-03	<0.0045	<0.0045	<0.0045	
SB-37	8/26/2010	1-2	<0.0042	<0.0042	<0.0042	<0.0042	61	<0.0084	<0.0042	<0.0042	<0.0042	
SB-38	8/26/2010	1-2	0.021	<0.0042	<0.0042	0.016	12	<0.0085	<0.0042	<0.0042	<0.0042	
SB-39	8/26/2010	1-2	<0.54	<0.54	<0.54	<0.54	640	1.9	<0.54	3.8	8.1	
SB-42	8/27/2010	1-2	<0.0047	<0.0047	<0.0047	<0.0047		<9.3E-03	<0.0047	0.013	<0.0047	
SB-48	7/13/2012	0-2	<0.0049	<0.0049	<0.0049	<0.0049	22	<0.0098	<0.0049	<0.0049	<0.0049	
SB-49	7/13/2012	1-2					230					
SB-5	3/9/2010	1-2	<2.3	<2.3	<2.3	<2.3	255	<4.5	<2.3	27	2.7	

Table 8. Surface Soil (0-2ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Residential RRS			18	156	209	92	270	215	254	3581	1.4	3.4
NonResidential RRS			66	4088	3817	348	400	3180	3766	70228	21	13
Maximum			5.2	1.3	0.2	89	1520	28	0.82	27	8.1	0.032
95% UCL							348				0.95	
SB-51	7/14/2012	1-2	<0.0047	<0.0047	<0.0047	<0.0047		<0.0093	<0.0047	<0.0047	<0.0047	
SB-56	7/15/2012	0-2					160					
SB-6	3/9/2010	1-2	<4.9E-03	<4.9E-03	<4.9E-03	<4.9E-03	102	<9.8E-03	<4.9E-03	0.022	0.019	
SB-60	7/13/2012	0-2					110					
SB-62	7/15/2012	0-2					15					
SB-63	7/15/2012	1-2	<0.0051	<0.0051	<0.0051	<0.0051		<0.01	<0.0051	<0.0051	<0.0051	
SB-65	7/15/2012	0-2					260					
SB-66	7/15/2012	0-2					53					
SB-67	7/15/2012	0-2					230					
SB-68	7/15/2012	0-2					380					
SB-69	7/15/2012	0-2					150					
SB-8	3/9/2010	1-2	<0.0039	<0.0039	<0.0039	<0.0039	139	<0.0077	<0.0039	0.0042	<0.0039	
Zone 1 - A1 - E Wall	4/23/2013	1-2					135					
Zone 1 - A2	4/23/2013	2					152					
Zone 1 - B1	4/24/2013	2					62.9					
Zone 1 - B3	4/23/2013	2					16.3					
Zone 1 - B3 - E Wall	4/23/2013	1-2					14.1					
Zone 1 - B4 - S Wall	4/23/2013	1-2					15.8					
Zone 1 - C1 - N Wall	4/23/2013	1-2					199					
Zone 1 - C2	4/23/2013	2	0.0021	0.12	<0.0018	0.0023	94.3	0.0045	0.0022	0.0038	0.046	<0.0037
Zone 1 - C4	4/24/2013	2					17					
Zone 1 - D1	4/23/2013	2					52.2					
Zone 1 - D3	4/24/2013	2					188					
Zone 1 - D4 - W Wall	4/24/2013	1-2					26.4					
Zone 1 - D5	4/24/2013	2					82.5					
Zone 1 - E2	4/24/2013	2					322					
Zone 1 - F1	4/24/2013	2					555					
Zone 1 - F1 - N Wall	4/24/2013	1-2					229					
Zone 1 - F3	4/24/2013	2					287					
Zone 1 - F3 - W Wall	4/24/2013	1-2					22.6					
Zone 2A - A1 - N Wall	6/20/2013	1-2					206					
Zone 2A - A2	6/20/2013	2					183					
Zone 2A - A2 - W Wall	6/20/2013	1-2					13.7					
Zone 2A - B1	6/20/2013	2					198					
Zone 2A - C1 - N Wall	6/20/2013	1-2					263					
Zone 2A - C2	6/20/2013	2	<0.0034	<0.0034	<0.013	<0.0034	422	<0.0034	<0.0034	<0.0034	<0.0034	<0.0067

Table 8. Surface Soil (0-2ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Residential RRS			18	156	209	92	270	215	254	3581	1.4	3.4
NonResidential RRS			66	4088	3817	348	400	3180	3766	70228	21	13
Maximum			5.2	1.3	0.2	89	1520	28	0.82	27	8.1	0.032
95% UCL							348				0.95	
Zone 2A - C2 - S Wall	6/20/2013	1-2					187					
Zone 2A - D1	6/26/2013	2					469					
Zone 2A - D2 - S Wall	6/26/2013	1-2					1520					
Zone 2A - E2	6/26/2013	2					121					
Zone 2A - E2 - S Wall	6/26/2013	1-2					610					
Zone 3A - A2	5/10/2013	2					20.6					
Zone 3A - B1 N Wall	5/10/2013	1-2					310					
Zone 3A - D1	5/9/2013	2					575					
Zone 3A - E2	5/10/2013	2					322					
Zone 3A - E2	5/30/2013	2	<0.004	1.3	<0.016	0.017		0.087	0.016	0.47	0.64	0.032
Zone 3A - F1	5/9/2013	2					329					
Zone 3A - F1 N Wall	5/9/2013	1-2					229					
Zone 3A - G2	5/9/2013	2					285					
Zone 3A - G2 W Wall	5/9/2013	1-2					314					
Zone 3B - A1	5/29/2013	2					367					
Zone 3B - B2	5/29/2013	2					422					
Zone 3B - C1	5/29/2013	2					63.8					
Zone 3B - D2	5/29/2013	2					246					
Zone 3B - D2 S Wall	5/29/2013	1-2					185					
Zone 3B - E1	5/29/2013	2					561					
Zone 3B - F2	5/29/2013	2					576					
Zone 3B - F3 S Wall	5/29/2013	1-2					596					
Zone 3B - F4	5/29/2013	2					519					
Zone 3B - G1	5/29/2013	2					258					
Zone 3B - G3	5/29/2013	2					376					
Zone 3B - H2	5/29/2013	2					520					
Zone 3B - H4 W Wall	5/29/2013	1-2					640					
Zone 3B - I1	5/29/2013	2					443					
Zone 3B - I3	5/29/2013	2					569					
Zone 3B - J1 E Wall	5/29/2013	1-2					323					
Zone 3B - J2	5/29/2013	2					46.4					
Zone 3B - J4	5/29/2013	2					514					
Zone 3C - A1	6/11/2013	2	<0.18	<0.18	<0.72	0.99	27.6	0.68	<0.18	<0.18	<0.18	<0.36
Zone 3C - A3	6/12/2013	2					991					
Zone 3C - B4	6/12/2013	2					170					
Zone 3C - C1 S Wall	6/12/2013	1-2					243					

Table 8. Surface Soil (0-2ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Residential RRS			18	156	209	92	270	215	254	3581	1.4	3.4
NonResidential RRS			66	4088	3817	348	400	3180	3766	70228	21	13
Maximum			5.2	1.3	0.2	89	1520	28	0.82	27	8.1	0.032
95% UCL							348				0.95	
Zone 3C - C3	6/12/2013	2					341					
Zone 3C - D4	6/12/2013	2					1190					
Zone 3C - E1	6/12/2013	2					667					
Zone 3C - E1 W Wall	6/12/2013	1-2					695					
Zone 3C - E3	6/12/2013	2					452					
Zone 3C - E4 W Wall	6/12/2013	1-2					228					
Zone 4 - A3 W Wall	5/21/2013	1-2					581					
Zone 4 - B1	5/21/2013	2					485					
Zone 4 - B3	5/21/2013	2	<0.0039	<0.0039	<0.016	<0.0039	29.5	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078
Zone 4 - C2	5/21/2013	2					262					
Zone 5 - A2	6/13/2013	2	0.012	<0.003	<0.012	0.074	70.1	<0.003	<0.003	<0.003	<0.003	<0.006
Zone 5 - A4	6/13/2013	2	<0.13	<0.13	<0.5	5.4	128	<0.13	<0.13	<0.13	<0.13	<0.25
Zone 5 - B1	6/13/2013	2					1020					
Zone 5 - B3	6/13/2013	2					1200					
Zone 5 - B3 W Wall	6/13/2013	1-2	0.043	<0.0036	<0.015	4.8	19.3	<0.0036	<0.0036	<0.0036	<0.0036	<0.0073
Zone 5 - B4 E Wall	6/13/2013	1-2					1420					
Zone 5 - C2	6/13/2013	2					212					
Zone 5 - D1	6/13/2013	2	0.017	<0.0035	<0.014	0.027	177	<0.0035	<0.0035	<0.0035	<0.0035	<0.0071
Zone 5 - D1 N Wall	6/13/2013	1-2					135					
Zone 5 - D3	6/13/2013	2					82					
Zone 5 - D3 S Wall	6/13/2013	1-2	5.2	<0.4	<1.6	6.3	238	3.5	0.82	0.94	<0.4	<0.81

Table 9. Surface and Subsurface Soil (0-10ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Construction Worker RRS			802	1239	2783	12670	400	6095	7162	41249	38	345
Maximum			5.2	3.9	13	110	2100	410	100	280	27	0.032
95% UCL							337					
SB-1	3/9/2010	1-2	0.011	0.51	0.026	0.0044	36	0.013	<0.0044	0.39	1.3	
SB-102	5/20/2013	0					887					
SB-11	8/24/2010	1-2	<0.51	<0.51	<0.51	<0.51	180	1.6	0.6	6.7	<0.51	
SB-110	7/24/2013	0-1					374					
SB-111	7/24/2013	0-2					180					
SB-12	8/24/2010	1-2	<0.14	<0.14	<0.14	<0.14	25	<0.29	<0.14	<0.14	1.3	
SB-127	8/12/2013	0-1					364					
SB-128	8/12/2013	0-1					262					
SB-13	8/24/2010	1-2	<0.005	<0.005	<0.005	<0.005	350	<0.01	<0.005	<0.005	<0.005	
SB-130	8/15/2013	0-0.5					165					
SB-132	8/15/2013	0-2					241					
SB-135	8/15/2013	0-2					158					
SB-136	8/15/2013	0-0.5					531					
SB-137	8/15/2013	0-0.5					843					
SB-138	8/15/2013	0-0.5					425					
SB-14	8/24/2010	1-2	<8.4E-02	<8.4E-02	<8.4E-02	<8.4E-02	29	<0.17	<8.4E-02	<8.4E-02	1	
SB-140	8/22/2013	0-2					213					
SB-142	1/14/2015	0-1	<0.0075	<0.0075	<0.03	<0.0075	39J	0.056	0.019	<0.0075	<0.0075	<0.015
SB-142	1/14/2015	1-3	<0.0065	<0.0065	<0.026	<0.0065	339J	<0.0065	<0.0065	<0.0065	0.01J	<0.013
SB-143	1/14/2015	1-3					13.7					
SB-144	1/14/2015	0-1	<0.0066	<0.0066	<0.026	<0.0066	111J	<0.0066	<0.0066	<0.0066	<0.0066	<0.013
SB-144	1/14/2015	1-3					11.6J					
SB-145	1/14/2015	0-1	<0.0066	<0.0066	<0.026	<0.0066	20.4J	<0.0066	<0.0066	<0.0066	<0.0066	<0.013
SB-145	1/14/2015	1-3	<0.0077	<0.0077	<0.031	<0.0077	17.1J	<0.0077	<0.0077	<0.0077	<0.0077	<0.015
SB-146	1/14/2015	0-1	<0.0069	<0.0069	<0.028	<0.0069		<0.0069	<0.0069	<0.0069	<0.0069	<0.014
SB-146	1/14/2015	1-3					14.5J					
SB-147	1/14/2015	0-1	<0.0055	<0.0055	<0.022	<0.0055	141J	0.04	7.90E-03	<0.0055	<0.0055	<0.011
SB-147	1/14/2015	1-3					45.4J					
SB-148	1/14/2015	0-1	0.0055	<0.0039	<0.016	0.0097	148J	<0.0039	<0.0039	<0.0039	<0.0039	<7.900001E-03
SB-148	1/14/2015	1-3	<2.4	<2.4	<9.700001	89.00001	15.9J	28	<2.4	<2.4	<2.4	<4.8
SB-149	1/15/2015	0-1	<0.0055	<0.0055	<0.022	<0.0055	17.4J	<0.0055	<0.0055	<0.0055	<0.0055	<0.011
SB-149	1/15/2015	1-3					21.4J					
SB-15	8/25/2010	1-2	<0.11	<0.11	<0.11	<0.11	15	<0.22	<0.11	<0.11	<0.11	
SB-150	1/15/2015	0-1	<0.0041	<0.0041	<0.016	<0.0041	107J	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082
SB-150	1/15/2015	1-3					141J					
SB-151	1/15/2015	0-1	<0.0052	<0.0052	<0.021	<0.0052	157J	<0.0052	<0.0052	<0.0052	<0.0052	<0.01
SB-151	1/15/2015	1-3					254J					

Table 9. Surface and Subsurface Soil (0-10ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Construction Worker RRS			802	1239	2783	12670	400	6095	7162	41249	38	345
Maximum			5.2	3.9	13	110	2100	410	100	280	27	0.032
95% UCL							337					
SB-152	1/15/2015	0-1	<0.0044	<0.0044	<0.017	<0.0044	64J	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087
SB-152	1/15/2015	1-3					13.9J					
SB-154	4/23/2015	0-1					193					
SB-154	4/23/2015	1-3					125					
SB-155	4/23/2015	0-1					83.5					
SB-155	4/23/2015	1-3					336					
SB-156	4/23/2015	0-1					275					
SB-156	7/29/2015	0-1					193					
SB-156	4/23/2015	1-3					471					
SB-156	7/29/2015	1-3					378					
SB-157	4/23/2015	0-1					53.6					
SB-157	4/23/2015	1-3					10.6					
SB-158	7/29/2015	0-1					18					
SB-158	7/29/2015	1-3					57					
SB-159	7/29/2015	0-1					118					
SB-159	7/29/2015	1-3					29					
SB-16	8/25/2010	1-2	<0.0058	<0.0058	<0.0058	<0.0058	100	<0.012	<0.0058	<0.0058	<0.0058	
SB-19	8/25/2010	1-2	<0.16	0.27	0.2	<0.16	27	0.53	<0.16	0.86	0.72	
SB-21	8/25/2010	1-2	<0.0052	<0.0052	<0.0052	0.027	12	<0.01	<0.0052	6.80E-03	<0.0052	
SB-23A	7/13/2012	0-2					270					
SB-24	8/25/2010	1-2	<0.14	0.38	<0.14	<0.14	22	<0.29	<0.14	<0.14	<0.14	
SB-25	8/25/2010	1-2	0.01	7.60E-02	0.046	<0.0076	13	0.032	0.01	0.2	0.082	
SB-26	8/25/2010	1-2	<0.0054	<0.0054	<0.0054	<0.0054	310	<0.011	<0.0054	<0.0054	<0.0054	
SB-29	8/25/2010	1-2	<0.0059	0.0065	<0.0059	<0.0059	18	<0.012	<0.0059	<0.0059	<0.0059	
SB-31	8/25/2010	1-2	<1.1	<1.1	<1.1	2.6	210	2.3	<1.1	<1.1	<1.1	
SB-33	8/26/2010	1-2	<0.21	<0.21	<0.21	<0.21	11	<0.42	<0.21	0.54	2	
SB-34	8/26/2010	1-2	<0.0051	<0.0051	<0.0051	<0.0051	28	<0.01	<0.0051	0.0089	0.0092	
SB-36	8/26/2010	1-2	<0.0045	<0.0045	<0.0045	<0.0045	30	<9.0E-03	<0.0045	<0.0045	<0.0045	
SB-37	8/26/2010	1-2	<0.0042	<0.0042	<0.0042	<0.0042	61	<0.0084	<0.0042	<0.0042	<0.0042	
SB-38	8/26/2010	1-2	0.021	<0.0042	<0.0042	0.016	12	<0.0085	<0.0042	<0.0042	<0.0042	
SB-39	8/26/2010	1-2	<0.54	<0.54	<0.54	<0.54	640	1.9	<0.54	3.8	8.1	
SB-42	8/27/2010	1-2	<0.0047	<0.0047	<0.0047	<0.0047		<9.3E-03	<0.0047	0.013	<0.0047	
SB-48	7/13/2012	0-2	<0.0049	<0.0049	<0.0049	<0.0049	22	<0.0098	<0.0049	<0.0049	<0.0049	
SB-49	7/13/2012	1-2					230					
SB-5	3/9/2010	1-2	<2.3	<2.3	<2.3	<2.3	255	<4.5	<2.3	27	2.7	
SB-51	7/14/2012	1-2	<0.0047	<0.0047	<0.0047	<0.0047		<0.0093	<0.0047	<0.0047	<0.0047	
SB-56	7/15/2012	0-2					160					

Table 9. Surface and Subsurface Soil (0-10ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Construction Worker RRS			802	1239	2783	12670	400	6095	7162	41249	38	345
Maximum			5.2	3.9	13	110	2100	410	100	280	27	0.032
95% UCL							337					
SB-6	3/9/2010	1-2	<4.9E-03	<4.9E-03	<4.9E-03	<4.9E-03	102	<9.8E-03	<4.9E-03	0.022	0.019	
SB-60	7/13/2012	0-2					110					
SB-62	7/15/2012	0-2					15					
SB-63	7/15/2012	1-2	<0.0051	<0.0051	<0.0051	<0.0051		<0.01	<0.0051	<0.0051	<0.0051	
SB-65	7/15/2012	0-2					260					
SB-66	7/15/2012	0-2					53					
SB-67	7/15/2012	0-2					230					
SB-68	7/15/2012	0-2					380					
SB-69	7/15/2012	0-2					150					
SB-8	3/9/2010	1-2	<0.0039	<0.0039	<0.0039	<0.0039	139	<0.0077	<0.0039	0.0042	<0.0039	
Zone 1 - A1 - E Wall	4/23/2013	1-2					135					
Zone 1 - A2	4/23/2013	2					152					
Zone 1 - B1	4/24/2013	2					62.9					
Zone 1 - B3	4/23/2013	2					16.3					
Zone 1 - B3 - E Wall	4/23/2013	1-2					14.1					
Zone 1 - B4 - S Wall	4/23/2013	1-2					15.8					
Zone 1 - C1 - N Wall	4/23/2013	1-2					199					
Zone 1 - C2	4/23/2013	2	0.0021	0.12	<0.0018	0.0023	94.3	0.0045	0.0022	0.0038	0.046	<0.0037
Zone 1 - C4	4/24/2013	2					17					
Zone 1 - D1	4/23/2013	2					52.2					
Zone 1 - D3	4/24/2013	2					188					
Zone 1 - D4 - W Wall	4/24/2013	1-2					26.4					
Zone 1 - D5	4/24/2013	2					82.5					
Zone 1 - E2	4/24/2013	2					322					
Zone 1 - F1	4/24/2013	2					555					
Zone 1 - F1 - N Wall	4/24/2013	1-2					229					
Zone 1 - F3	4/24/2013	2					287					
Zone 1 - F3 - W Wall	4/24/2013	1-2					22.6					
Zone 2A - A1 - N Wall	6/20/2013	1-2					206					
Zone 2A - A2	6/20/2013	2					183					
Zone 2A - A2 - W Wall	6/20/2013	1-2					13.7					
Zone 2A - B1	6/20/2013	2					198					
Zone 2A - C1 - N Wall	6/20/2013	1-2					263					
Zone 2A - C2	6/20/2013	2	<0.0034	<0.0034	<0.013	<0.0034	422	<0.0034	<0.0034	<0.0034	<0.0034	<0.0067
Zone 2A - C2 - S Wall	6/20/2013	1-2					187					
Zone 2A - D1	6/26/2013	2					469					
Zone 2A - D2 - S Wall	6/26/2013	1-2					1520					

Table 9. Surface and Subsurface Soil (0-10ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Construction Worker RRS			802	1239	2783	12670	400	6095	7162	41249	38	345
Maximum			5.2	3.9	13	110	2100	410	100	280	27	0.032
95% UCL							337					
Zone 2A - E2	6/26/2013	2					121					
Zone 2A - E2 - S Wall	6/26/2013	1-2					610					
Zone 3A - A2	5/10/2013	2					20.6					
Zone 3A - B1 N Wall	5/10/2013	1-2					310					
Zone 3A - D1	5/9/2013	2					575					
Zone 3A - E2	5/10/2013	2					322					
Zone 3A - E2	5/30/2013	2	<0.004	1.3	<0.016	0.017		0.087	0.016	0.47	0.64	0.032
Zone 3A - F1	5/9/2013	2					329					
Zone 3A - F1 N Wall	5/9/2013	1-2					229					
Zone 3A - G2	5/9/2013	2					285					
Zone 3A - G2 W Wall	5/9/2013	1-2					314					
Zone 3B - A1	5/29/2013	2					367					
Zone 3B - B2	5/29/2013	2					422					
Zone 3B - C1	5/29/2013	2					63.8					
Zone 3B - D2	5/29/2013	2					246					
Zone 3B - D2 S Wall	5/29/2013	1-2					185					
Zone 3B - E1	5/29/2013	2					561					
Zone 3B - F2	5/29/2013	2					576					
Zone 3B - F3 S Wall	5/29/2013	1-2					596					
Zone 3B - F4	5/29/2013	2					519					
Zone 3B - G1	5/29/2013	2					258					
Zone 3B - G3	5/29/2013	2					376					
Zone 3B - H2	5/29/2013	2					520					
Zone 3B - H4 W Wall	5/29/2013	1-2					640					
Zone 3B - I1	5/29/2013	2					443					
Zone 3B - I3	5/29/2013	2					569					
Zone 3B - J1 E Wall	5/29/2013	1-2					323					
Zone 3B - J2	5/29/2013	2					46.4					
Zone 3B - J4	5/29/2013	2					514					
Zone 3C - A1	6/11/2013	2	<0.18	<0.18	<0.72	0.99	27.6	0.68	<0.18	<0.18	<0.18	<0.36
Zone 3C - A3	6/12/2013	2					991					
Zone 3C - B4	6/12/2013	2					170					
Zone 3C - C1 S Wall	6/12/2013	1-2					243					
Zone 3C - C3	6/12/2013	2					341					
Zone 3C - D4	6/12/2013	2					1190					
Zone 3C - E1	6/12/2013	2					667					
Zone 3C - E1 W Wall	6/12/2013	1-2					695					

Table 9. Surface and Subsurface Soil (0-10ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Construction Worker RRS			802	1239	2783	12670	400	6095	7162	41249	38	345
Maximum			5.2	3.9	13	110	2100	410	100	280	27	0.032
95% UCL							337					
Zone 3C - E3	6/12/2013	2					452					
Zone 3C - E4 W Wall	6/12/2013	1-2					228					
Zone 4 - A3 W Wall	5/21/2013	1-2					581					
Zone 4 - B1	5/21/2013	2					485					
Zone 4 - B3	5/21/2013	2	<0.0039	<0.0039	<0.016	<0.0039	29.5	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078
Zone 4 - C2	5/21/2013	2					262					
Zone 5 - A2	6/13/2013	2	0.012	<0.003	<0.012	0.074	70.1	<0.003	<0.003	<0.003	<0.003	<0.006
Zone 5 - A4	6/13/2013	2	<0.13	<0.13	<0.5	5.4	128	<0.13	<0.13	<0.13	<0.13	<0.25
Zone 5 - B1	6/13/2013	2					1020					
Zone 5 - B3	6/13/2013	2					1200					
Zone 5 - B3 W Wall	6/13/2013	1-2	0.043	<0.0036	<0.015	4.8	19.3	<0.0036	<0.0036	<0.0036	<0.0036	<0.0073
Zone 5 - B4 E Wall	6/13/2013	1-2					1420					
Zone 5 - C2	6/13/2013	2					212					
Zone 5 - D1	6/13/2013	2	0.017	<0.0035	<0.014	0.027	177	<0.0035	<0.0035	<0.0035	<0.0035	<0.0071
Zone 5 - D1 N Wall	6/13/2013	1-2					135					
Zone 5 - D3	6/13/2013	2					82					
Zone 5 - D3 S Wall	6/13/2013	1-2	5.2	<0.4	<1.6	6.3	238	3.5	0.82	0.94	<0.4	<0.81
SB-58	7/14/2012	2-3					15					
SB-56	7/15/2012	2-4					81					
SB-57	7/14/2012	2-4					2100					
SB-154	4/23/2015	3-5					20.2					
SB-155	4/23/2015	3-5					125					
SB-156	4/23/2015	3-5					534					
SB-156	7/29/2015	3-5					1130					
SB-157	4/23/2015	3-5					9.07					
SB-158	7/29/2015	3-5					234					
SB-159	7/29/2015	3-5					40					
SB-156	7/29/2015	5-7					23.5					
SB-158	7/29/2015	5-7					17.9					
SB-159	7/29/2015	5-7					15.8					
SB-9	3/9/2010	5-7	<2.1	<2.1	<2.1	<2.1	21.2	<4.2	<2.1	<2.1	27	
SB-43	8/27/2010	5-7.5	<6.3	<6.3	<6.3	41		120	13	<6.3	<6.3	
SB-143	1/14/2015	6-8	<0.0057	<0.0057	<0.023	<0.0057		<0.0057	<0.0057	<0.0057	<0.0057	<0.011
SB-13	8/24/2010	7.5-10	<16	<16	<16	60		260	62	160	<16	
SB-142	1/14/2015	8-10					21.2J					
SB-143	1/14/2015	8-10					9.65J					
SB-144	1/14/2015	8-10					8.5J					

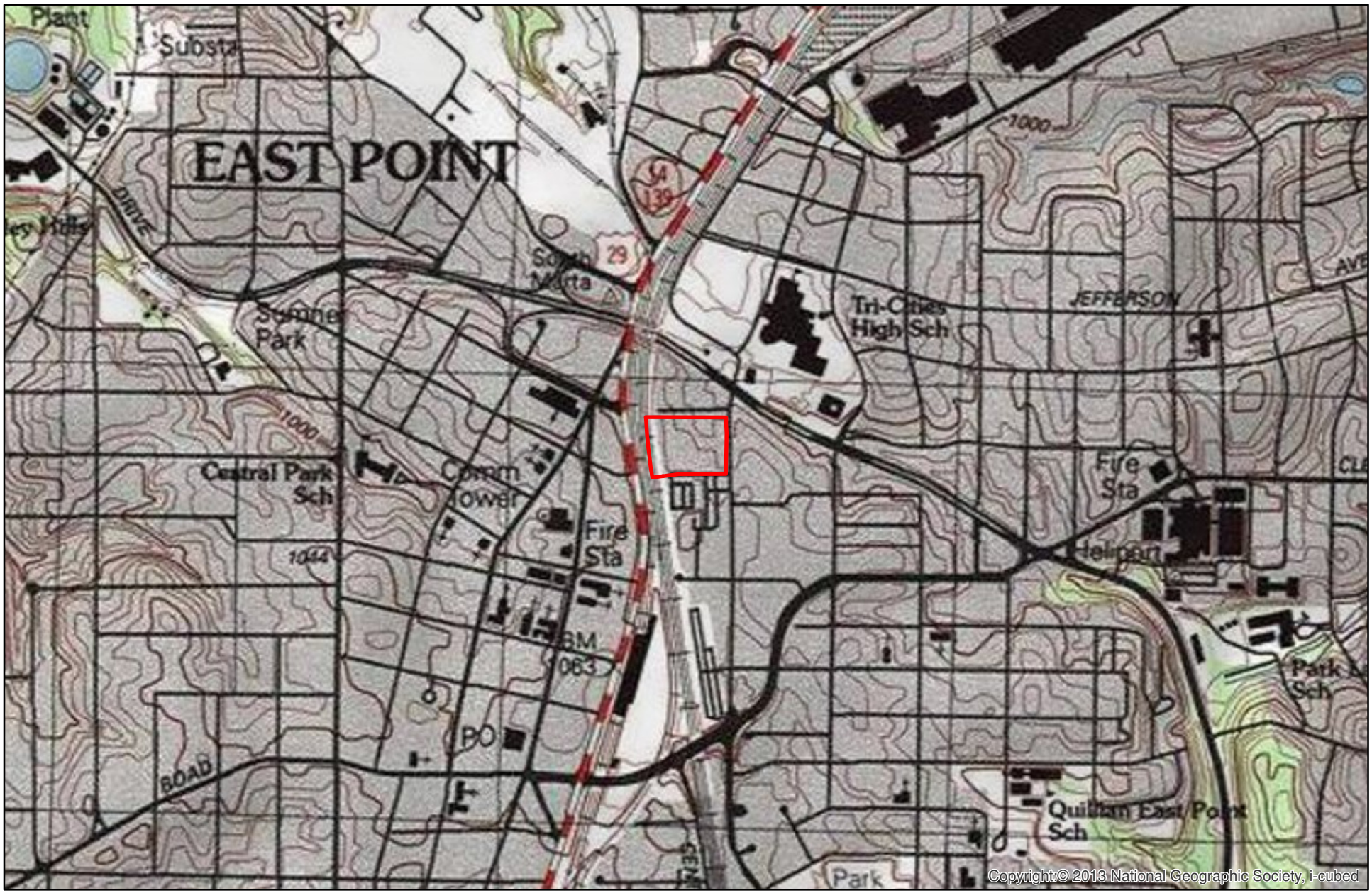
Table 9. Surface and Subsurface Soil (0-10ft) Data Compared to RRSs

Location	Date Sampled	Sample Depth	Benzene	cis-1,2-Dichloro-ethene	Dichloro-methane (Methylene chloride)	Ethyl benzene	Lead	m&p-Xylene	o-Xylene	Toluene	Trichloro-ethene	Vinyl chloride
		(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Construction Worker RRS			802	1239	2783	12670	400	6095	7162	41249	38	345
Maximum			5.2	3.9	13	110	2100	410	100	280	27	0.032
95% UCL							337					
SB-145	1/14/2015	8-10					13J					
SB-146	1/14/2015	8-10					6.77J					
SB-147	1/14/2015	8-10					<6.26					
SB-148	1/14/2015	8-10					15.7J					
SB-149	1/15/2015	8-10					23.6J					
SB-15	8/25/2010	8-10	0.026	0.043	<0.0061	0.078		0.19	0.011	0.36E	<0.0061	
SB-150	1/15/2015	8-10					61.3J					
SB-151	1/15/2015	8-10					<5.84					
SB-152	1/15/2015	8-10					12.3J					
SB-153	1/15/2015	8-10					<6.11					
SB-16	8/25/2010	8-10	<0.0058	0.022	<0.0058	<0.0058		<0.012	<0.0058	<0.0058	0.056	
SB-17	8/25/2010	7.5-10	<0.18	0.46	0.31	<0.18		<0.36	<0.18	0.78	0.38	
SB-18	8/25/2010	7.5-10	<0.16	2.2	0.65	0.29		0.7	0.31	1.4	1.4	
SB-19	8/25/2010	7.5-10	<0.16	0.44	0.47	<0.16		0.53	<0.16	0.85	<0.16	
SB-21	8/25/2010	7.5-10	<0.54	3.9	<0.54	<0.54		<1.1	<0.54	7	0.85	
SB-24	8/25/2010	7.5-10	<0.17	0.83	<0.17	<0.17		<0.34	<0.17	0.22	<0.17	
SB-27	8/25/2010	7.5-10	<0.006	<0.006	<0.006	<0.006		<0.012	<0.006	<0.006	<0.006	
SB-28	8/25/2010	7.5-10	<0.006	<0.006	<0.006	<0.006		<0.012	<0.006	<0.006	<0.006	
SB-29	8/25/2010	7.5-10	<0.0065	0.17	<0.0065	<0.0065		<0.013	<0.0065	0.0077	0.024	
SB-3	3/9/2010	8-10	0.016	8.40E-02	0.0062	0.0069	14.2	0.019	0.0037	0.74	1.1	
SB-31	8/25/2010	7.5-10	2.9	<2.8	<2.8	6		30	5.7	<2.8	<2.8	
SB-33	8/26/2010	7.5-10	<0.26	0.52	13	<0.26		<0.52	<0.26	3.3	5.3	
SB-34	8/26/2010	7.5-10	<0.0054	<0.0054	<0.0054	<0.0054		<0.011	<0.0054	0.0077	0.0087	
SB-35	8/26/2010	7.5-10	<0.28	2.1	1.8*	<0.28		0.8800001	<0.28	4.4	1.9	
SB-36	8/26/2010	7.5-10	<0.005	<0.005	<0.005	<0.005		<0.01	<0.005	<0.005	<0.005	
SB-37	8/26/2010	7.5-10	<4.9E-03	<4.9E-03	<4.9E-03	<4.9E-03		<0.0099	<4.9E-03	<4.9E-03	<4.9E-03	
SB-46	7/13/2012	8-10	<4.6	<4.6	<4.6	<4.6		<9.2	<4.6	<4.6	<4.6	
SB-47	7/13/2012	8-10	<3.7	<3.7	<3.7	20		65	14	230	<3.7	
SB-63	7/15/2012	8-10	<5.8	<5.8	<5.8	<5.8		<12	<5.8	29	<5.8	
SB-7	3/9/2010	8-10	<23	<23	<23	110	20.6	410	100	280	<23	

Table 10. Indoor Air Results Compared to Target Indoor Air Concentrations

Parameter		VISL Target Indoor Air		Location/Sample														
		Residential	Commercial	Jefferson Bldg						West		Central				Hwy Products		
		ELCR 10^{-5}, HI 1	ELCR 10-5, HI 1	AS-1	AS-2	AS-3	AS-4	AS-5	AS-6	AS-7	AS-8	AS-9	AS-10	AS-11	AS-12	AS-13	AS-14	AS-15
1,2,4-Trimethylbenzene	µg/m^3	7.3	31	0.98	0.98	0.79	1.9	1.4	0.59	3.8	3.6	0.59	2.8	5.9	3.5	4.2	4.2	<0.98
1,3,5-Trimethylbenzene	µg/m^3	NA	NA	<0.98	<0.98	<0.98	0.49	<0.98	<0.98	1	1.1	<0.98	0.74	1.6	0.98	1.1	1.2	<0.98
2-Butanone (MEK)	µg/m^3	5200	22000	2	2.6	1.3	12	1.7	0.65	1	1.7	6.2	0.77	0.86	0.68	1.4	1.4	1.7
4-Methyl-2-pentanone	µg/m^3	3100	13000	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	0.49	0.53	0.49
Acetone	µg/m^3	32000	140000	5.2	10	6.2	42	77.7	5.2	<0.48	<0.48	49.4	8.1	7.8	7.4	40.9	42.3	67.5
Benzene	µg/m^3	3.6	16	1.2	1.2	1.1	1.7	1.6	0.86	2	2.4	1.2	3.5	4.5	3.5	2.3	2.3	2.2
Chloromethane	µg/m^3	94	390	0.72	0.68	0.66	0.97	0.97	0.95	0.91	0.99	1	0.93	0.97	0.89	1	0.99	0.99
cis-1,2-Dichloroethene	µg/m^3	NA	NA	15	20	16	5.9	2.1	<0.79	0.56	0.48	<0.79	2.3	2.2	1.8	<0.79	<0.79	<0.79
Cyclohexane	µg/m^3	6300	26000	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	0.55	<0.69	<0.69	<0.69	0.83	<0.69	<0.69	<0.69	<0.69
Dichloromethane	µg/m^3	NA	NA	<0.69	<0.69	<0.69	<0.69	0.73	<0.69	1.6	4.9	<0.69	0.69	<0.69	<0.69	0.73	0.8	1
Ethyl acetate	µg/m^3	73	310	<0.72	<0.72	<0.72	<0.72	<0.72	4.7	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
Ethyl benzene	µg/m^3	11	49	0.65	0.56	0.48	1	0.83	<0.87	1.2	1.5	0.61	1.3	2.3	1.5	1.7	1.7	0.56
Freon-11	µg/m^3	NA	NA	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2
Freon-12	µg/m^3	100	440	2	2	2	2	2	1.9	1.9	1.9	2	2	2.1	1.9	2	2	2
Isopropyl Alcohol	µg/m^3	210	880	<0.49	1.1	0.93	3.4	6.9	0.88	<0.49	<0.49	1.5	16	15	20	3.4	2.7	2.7
n-Hexane	µg/m^3	7300	3100	0.85	0.81	0.74	1.1	1.1	0.56	3.9	4.9	1.1	1.8	2.4	1.7	11	12	19
o-Xylene	µg/m^3	100	440	0.69	0.65	0.56	1	0.91	<0.87	1.7	1.8	0.61	1.6	3	1.9	2.1	2.1	<0.87
Propylene	µg/m^3	3100	13000	3.1	2.9	2.7	<0.86	9.1	<0.86	2.4	2.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
Styrene	µg/m^3	1000	4400	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	0.47	<0.85	<0.85	<0.85	<0.85
Tetrachloroethene	µg/m^3	42	290	<0.27	0.46	<0.27	<0.27	0.35	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Tetrahydrofuran	µg/m^3	2100	8800	2.1	1.3	0.77	5.3	0.35	<0.59	<0.59	<0.59	1.2	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
Toluene	µg/m^3	5200	22000	2.7	2.6	2.1	4.1	4.5	1.8	6.8	10	2.7	6.4	11	7.2	41.5	44.1	34
Trichloroethene	µg/m^3	2.1	8.8	0.81	1.2	0.86	0.75	0.7	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21

FIGURES



0 500 1,000 2,000

Feet

Site Property Boundary

Source: USGS SW Atlanta, GA 7.5 Minute Quadrangle from ArcGIS Online Services

Site Location - Topographic Map

EPS

F:\Lafarge\GIS\mxd\CSR\Location.mxd

Figure No.1

0 50 100 200
Feet

2013 Soil Excavation Areas
Historical Solid Waste Management Units
Site Property Boundary

Former SWMUs and Soil Remediation Areas

EPS
F:\Lafarge\GIS\mxd\CSR\SiteFeatures.mxd

Figure No.2

0 25 50 100
Feet

Recovery Well

Site Property Boundary

Groundwater P&T System

EPS

F:\Lafarge\GIS\mxd\CSR\P&T.mxd

Figure No. 3

0 50 100 200

Feet

AS DPE SVE Site Property Boundary

AS/SVE/DPE/ System

EPS

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Figure No.4

Well Location Map

EPS

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Figure No.5

Soil Gas Sample Locations

EPS

F:\Lafarge\GIS\mxd\CSR\Soil Gas.mxd

Figure No. 6

A

A'

N

MW-35
MW-36
760
1,200

MW-32
MW-34 and MW-33
26,000
94

MW-04
ND

MW-25
ND

MW-21
MW-08
MW-07
6.8
ND
10,000

MW-26
MW-27
48
23

MW-37
MW-45/46
160
240
29,000

MW-28
MW-47/48
MW-29
140
380
620
660

MW-55/56/57
9.5
21
57

Elevation (ft)

1050
1000
950
900
850
800

0 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900

Distance (ft)

Monitoring Well
Groundwater Table
Screened Interval (TCE*)
Saprolite
< 5 ppb (Type 1 RRS)
PWR
5 - 50 ppb
Bedrock
50 - 500 ppb
> 500 ppb
* Most recent TCE result

Cross-Section A-A'

EPS
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Figure No. 7

B

B'

MW-36
MW-35
MW-33
MW-32
MW-34
MW-25
MW-21
MW-08
MW-07
MW-39/40/41
MW-43/44
MW-42
TW-02
TW-01
MW-49/50/51

1,200
760
840
94
ND
6.8
ND
9
ND
19
150,000
32
25
ND
3,700
ND
43
ND
ND
240

Elevation (ft)

1050
1000
950
900
850

0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
750

Distance (ft)

N

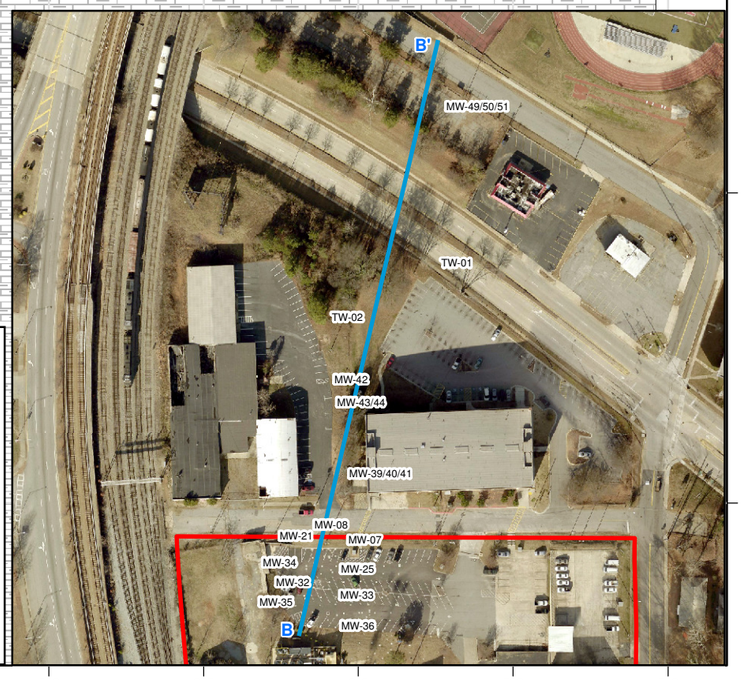
Monitoring Well
Groundwater Table

Screened Interval (TCE*)

< 5 ppb (Type 1 RRS)
5 - 50 ppb
50 - 500 ppb
> 500 ppb

Saprolite
PWR
Bedrock

* Most recent TCE result



Cross-Section B-B'

EPS
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Figure No. 8

Topographic Divide

EPS

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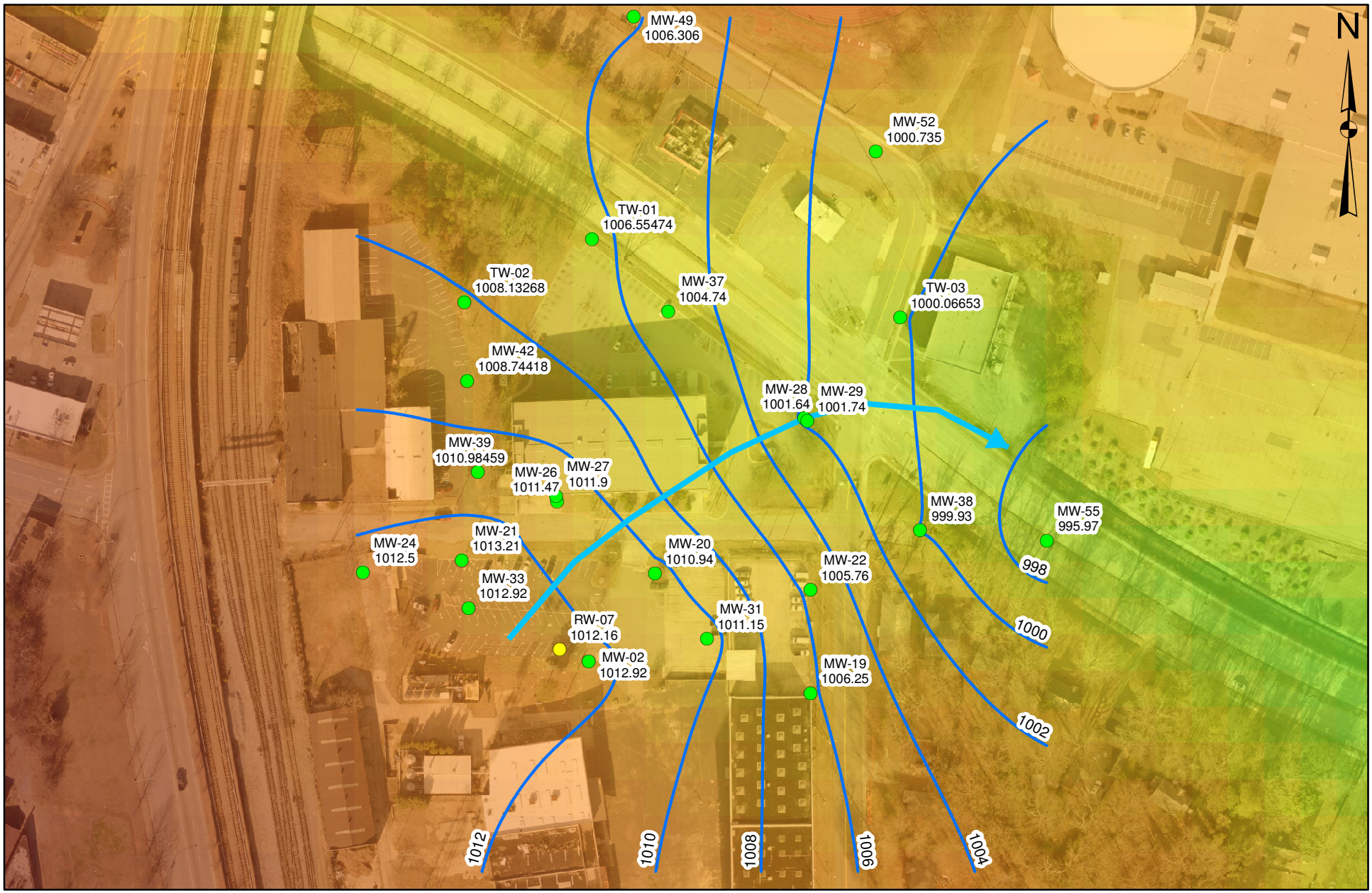
Figure No. 9



0 75 150 300

Feet

Wells

Saprolite

Saprolite/PWR/Bedrock

Groundwater Flow Direction

Potentiometric Surface Elevation

High : 1068.84

Low : 874.784

January 2017

Potentiometric Surface Map - Saprolite

EPS

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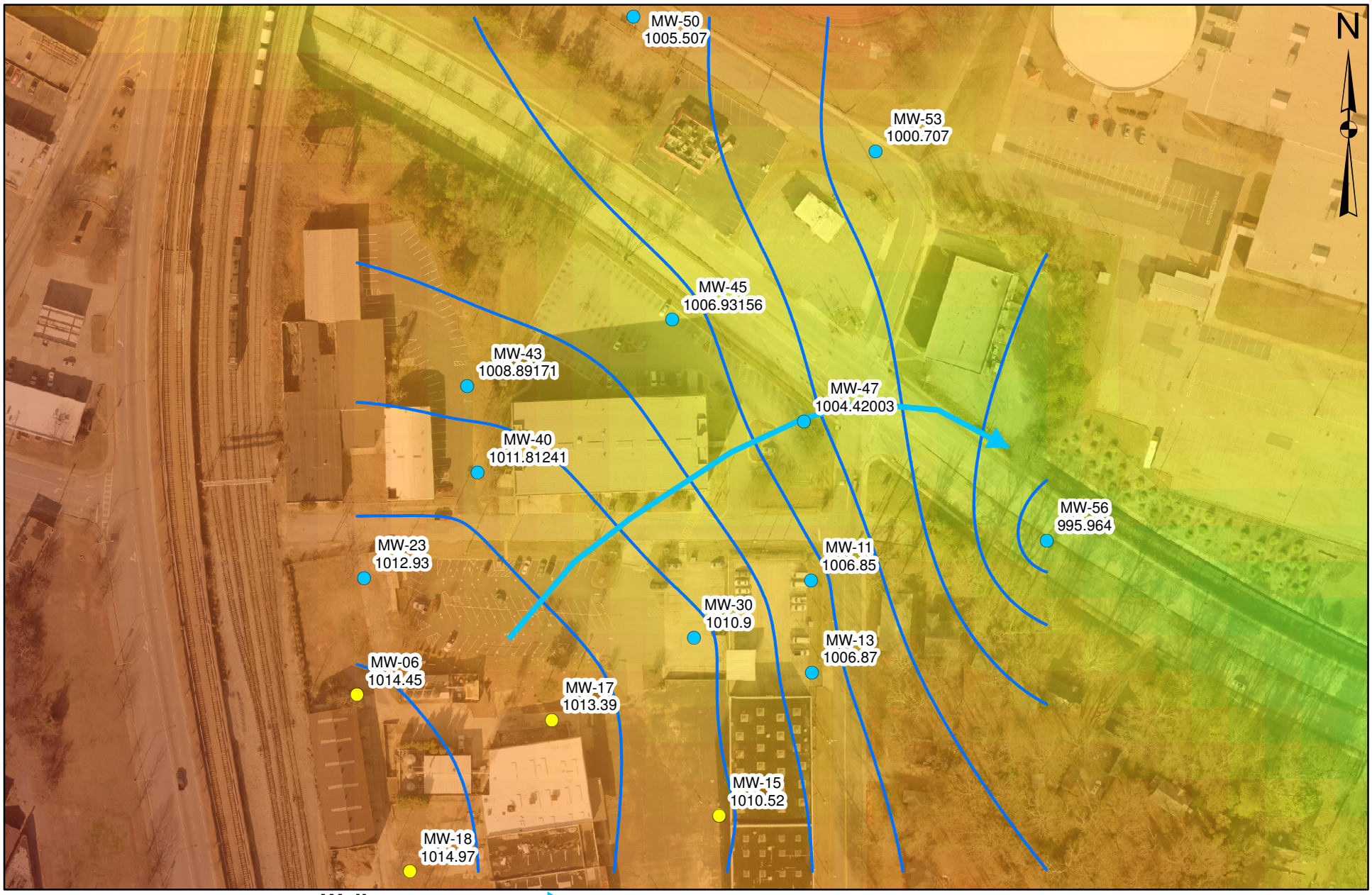
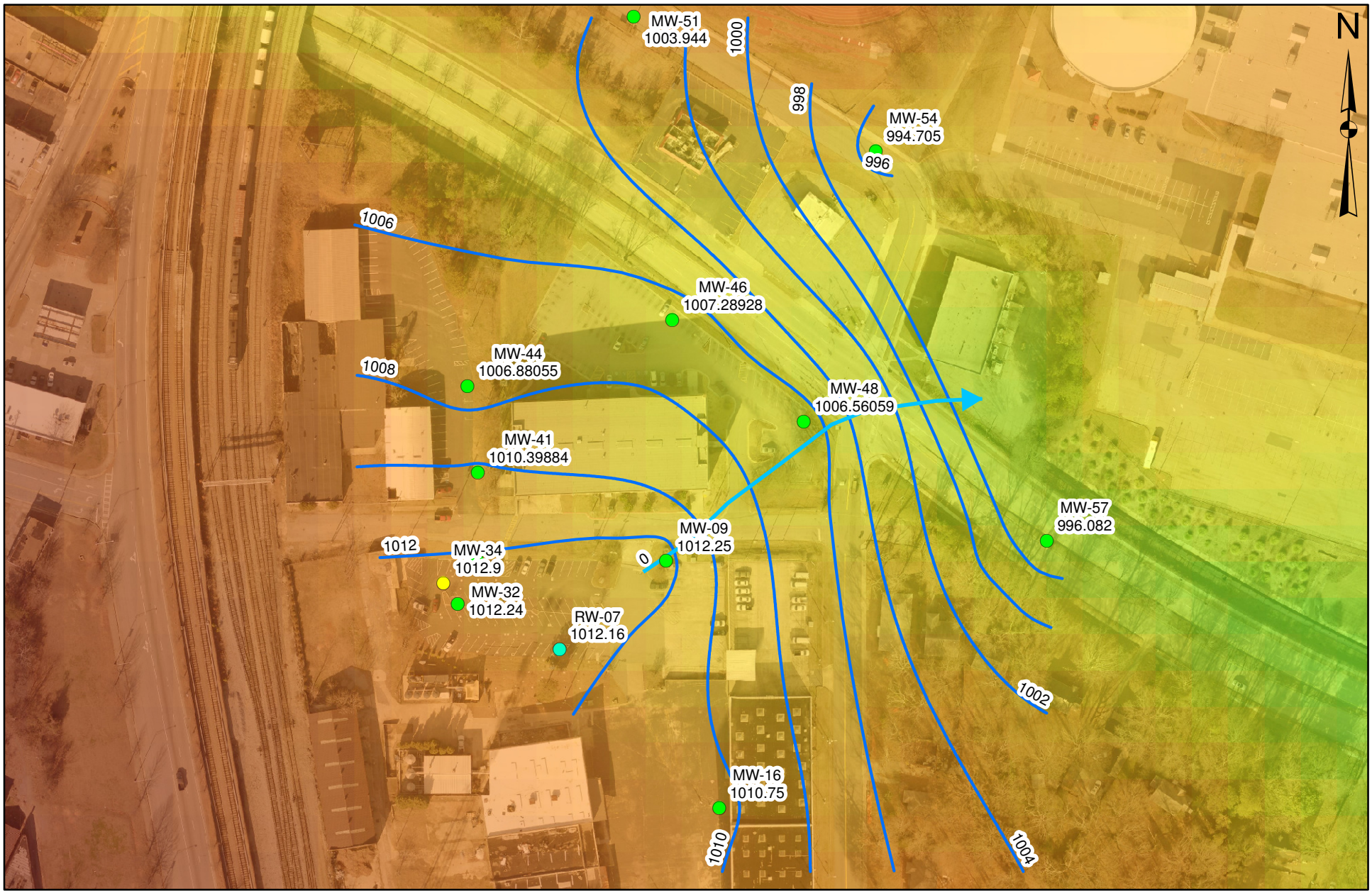
Figure No. 10



January 2017
Potentiometric Surface Map - PWR

EPS
F:\Lafarge\GIS\mxd\CSR\POT_PWR.mxd

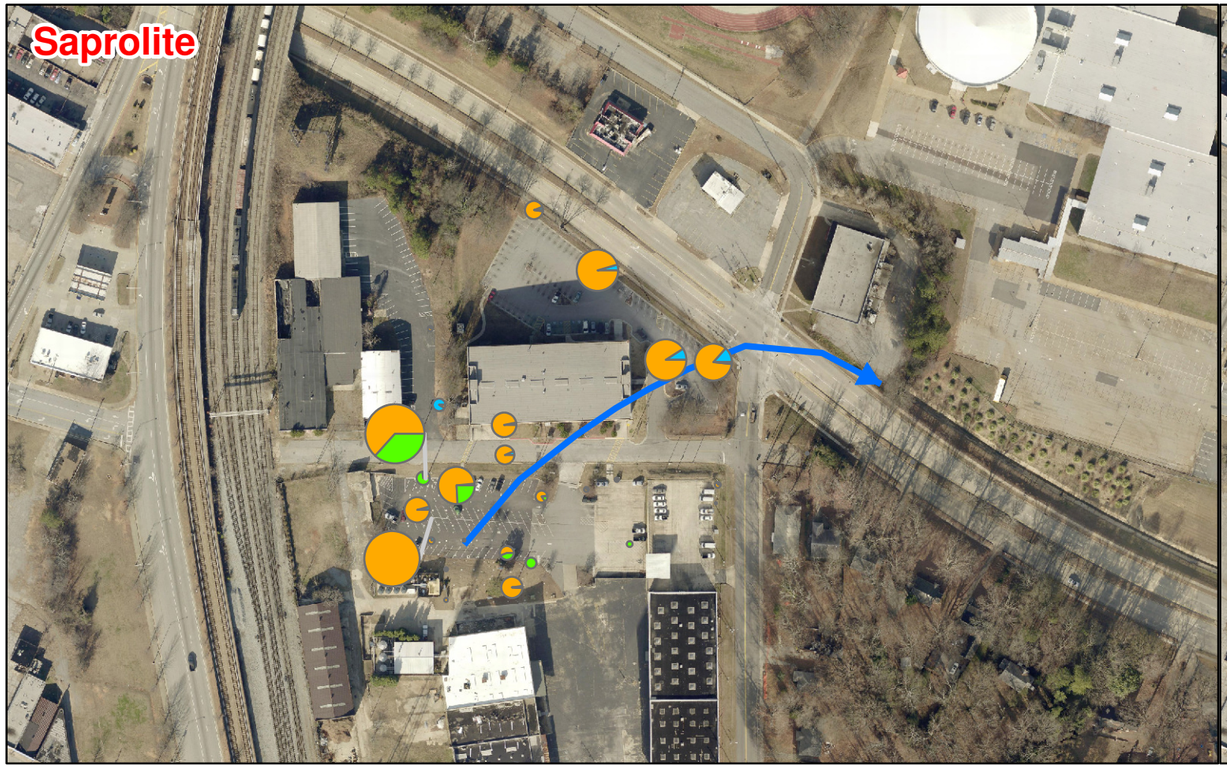
Figure No. 11

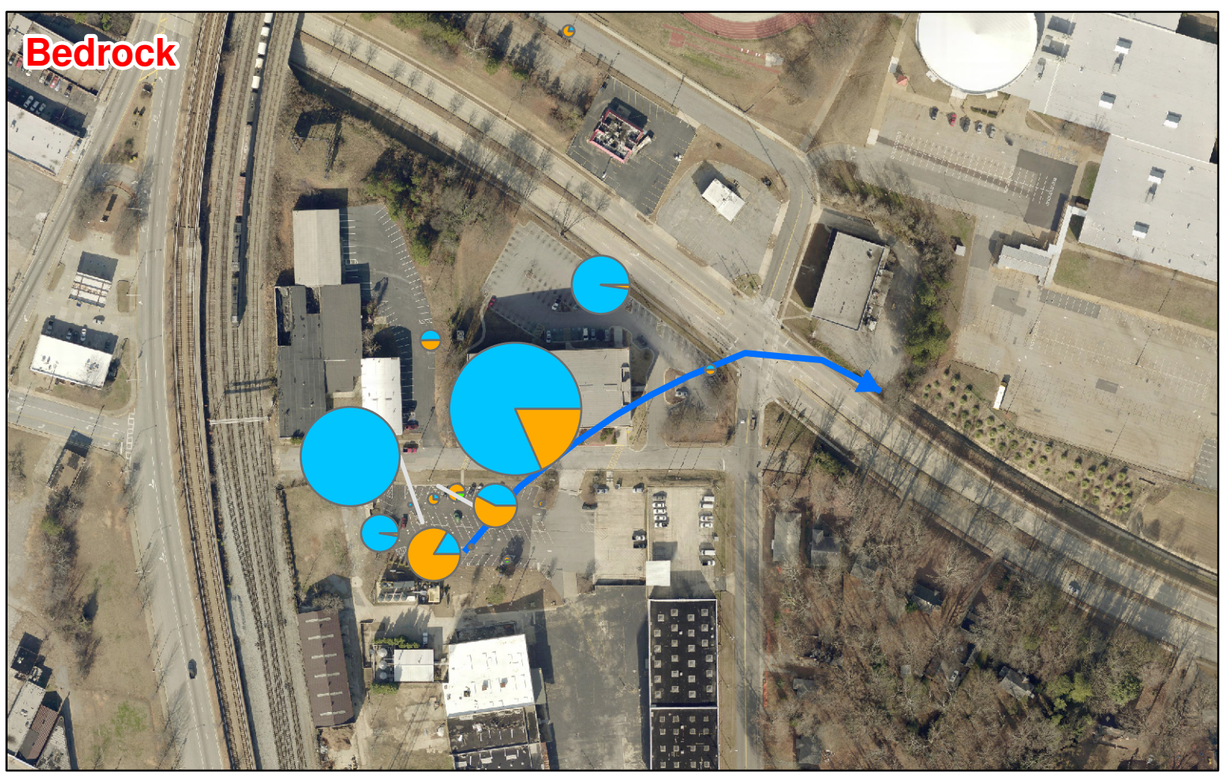


January 2017
Potentiometric Surface Map - Bedrock

EPS
F:\Lafarge\GIS\mxd\CSR\POT_BR.mxd

Figure No. 12





Legend

Total

69

TCE

cis_DCE

VC

0 100 200 400

Feet

Well

Date Result in ppb

N

Chlorinated Ethenes - Molar Concentrations (Jan 2015 - Jan 2017)

EPS

F:\Lafarge\GIS\mxd\CSR\molar_pie.mxd

Figure No. 13

Legend

Total BTEX*

- Non-detect
- < 1,000 ppb
- 1,000 - 2,000 ppb
- 2,000 - 4,000 ppb
- 4,000 - 6,000 ppb
- 6,000 - 8,000 ppb
- 8,000 - 10,000 ppb
- 10,000 - 50,000 ppb
- 50,000 - 100,000 ppb
- > 100,000 ppb

0 95 190 380
Feet

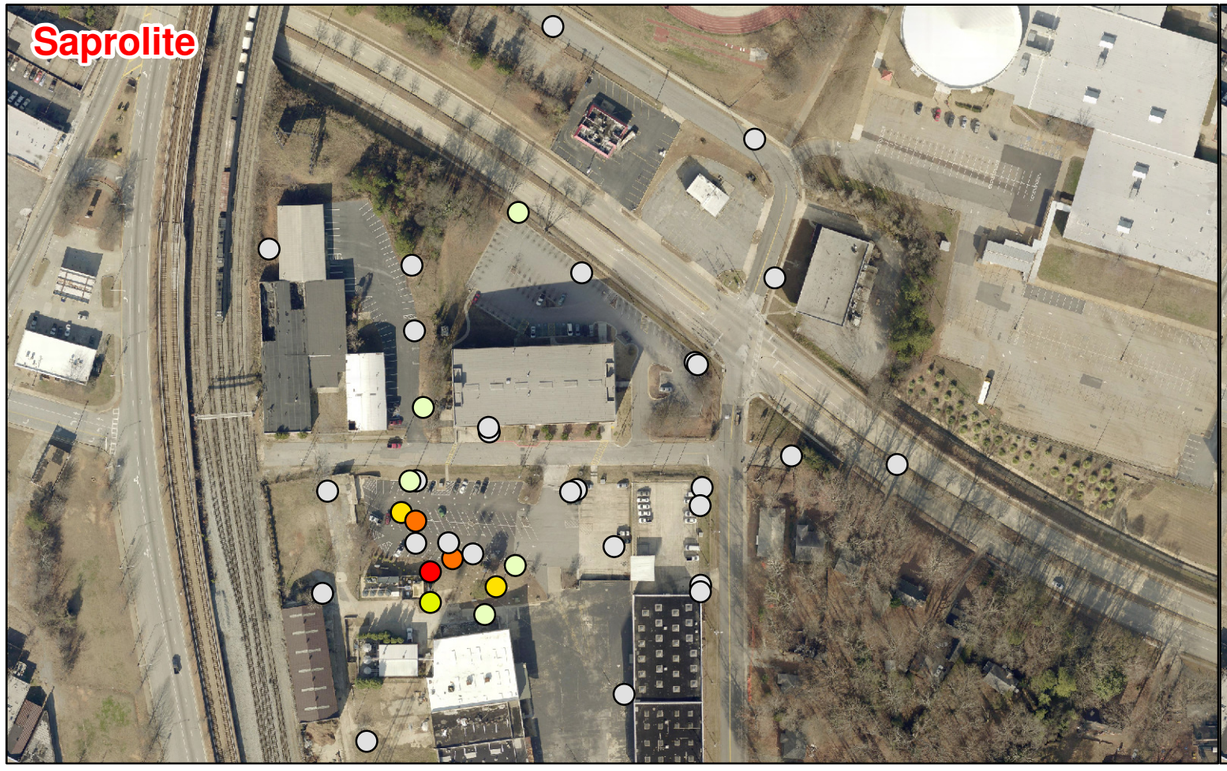
N

* Sum of benzene, ethyl benzene, toluene and xylene - maximum at each well during 2002-2005

Historical Distribution of Petroleum Hydrocarbons (2002-2005)

EPS
F:\Lafarge\GIS\mxd\CSR\Hist BTEX.mxd

Figure No.14



Legend

Total BTEX* (ppb)

- Non-detect
- < 1,000 ppb
- 1,000 - 2,000 ppb
- 2,000 - 4,000 ppb
- 4,000 - 6,000 ppb
- 6,000 - 8,000 ppb
- 8,000 - 10,000 ppb
- 10,000 - 50,000 ppb
- 50,000 - 100,000 ppb
- > 100,000 ppb

0 95 190 380

Feet

N

* Sum of benzene, ethyl benzene, toluene and xylene - maximum at each well during 2015-2017

Current Distribution of Petroleum Hydrocarbons (2015-2017)

EPS

F:\Lafarge\GIS\mxd\CSR\Current BTEX.mxd

Figure No. 15

Legend

Total Chlorinated Ethenes*

- Non-detect
- < 5,000 ppb
- 5,000 - 10,000 ppb
- 10,000 - 20,000 ppb
- 20,000 - 40,000 ppb
- 40,000 - 60,000 ppb
- 60,000 - 80,000 ppb
- 80,000 - 90,000 ppb
- 90,000 - 100,000 ppb
- >100,000 ppb

0 95 190 380
Feet

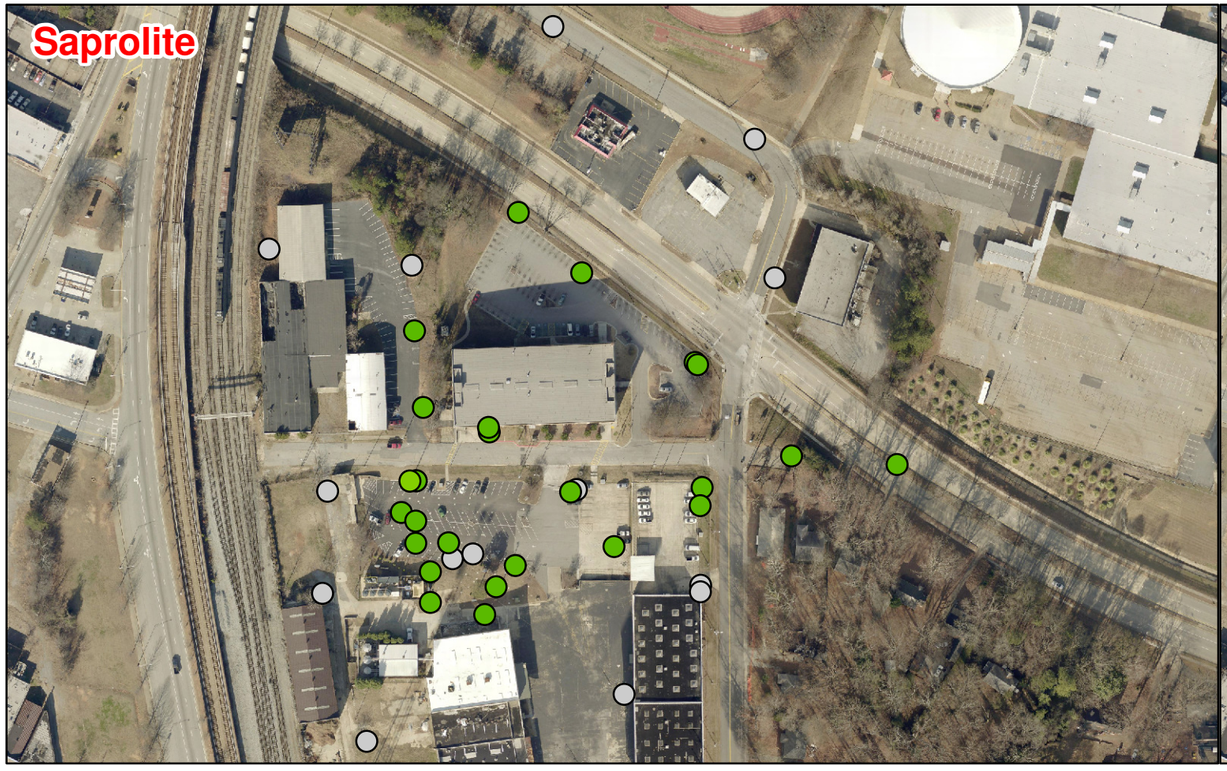
N

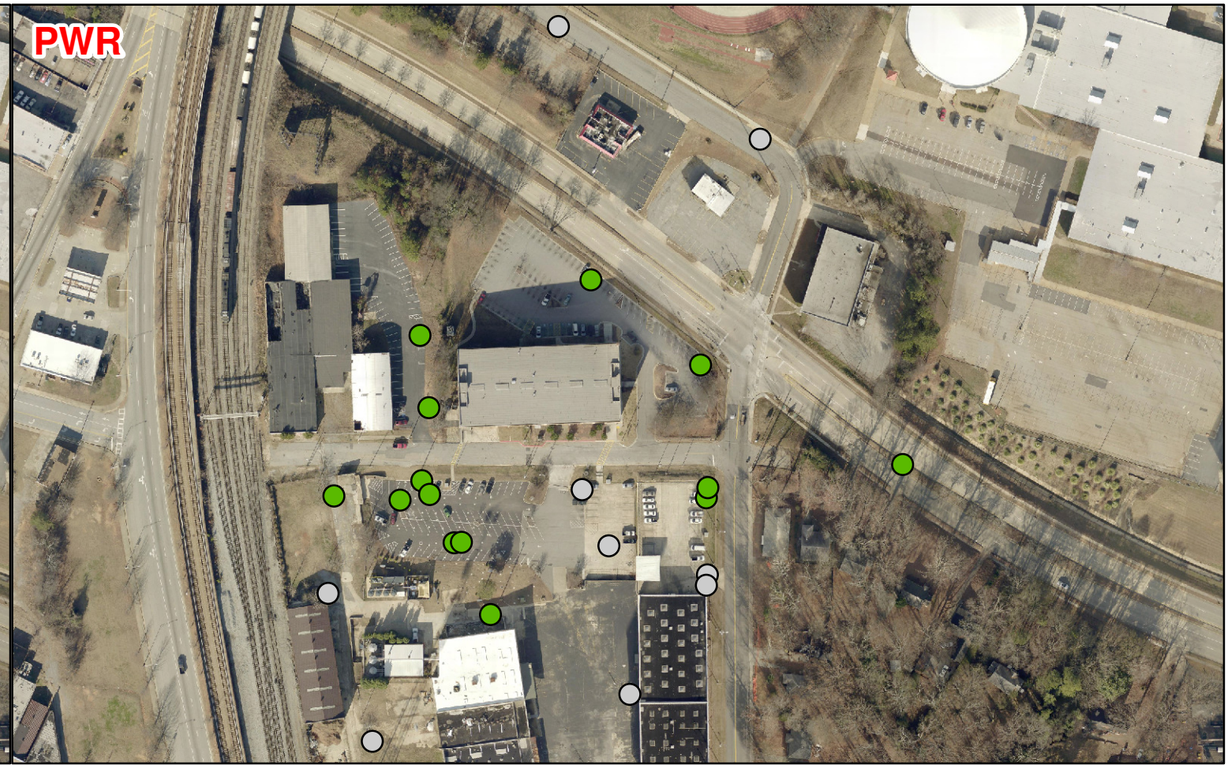
* Sum of PCE, TCE, cis-DCE and vinyl chloride - maximum in each well from 2002-2005.

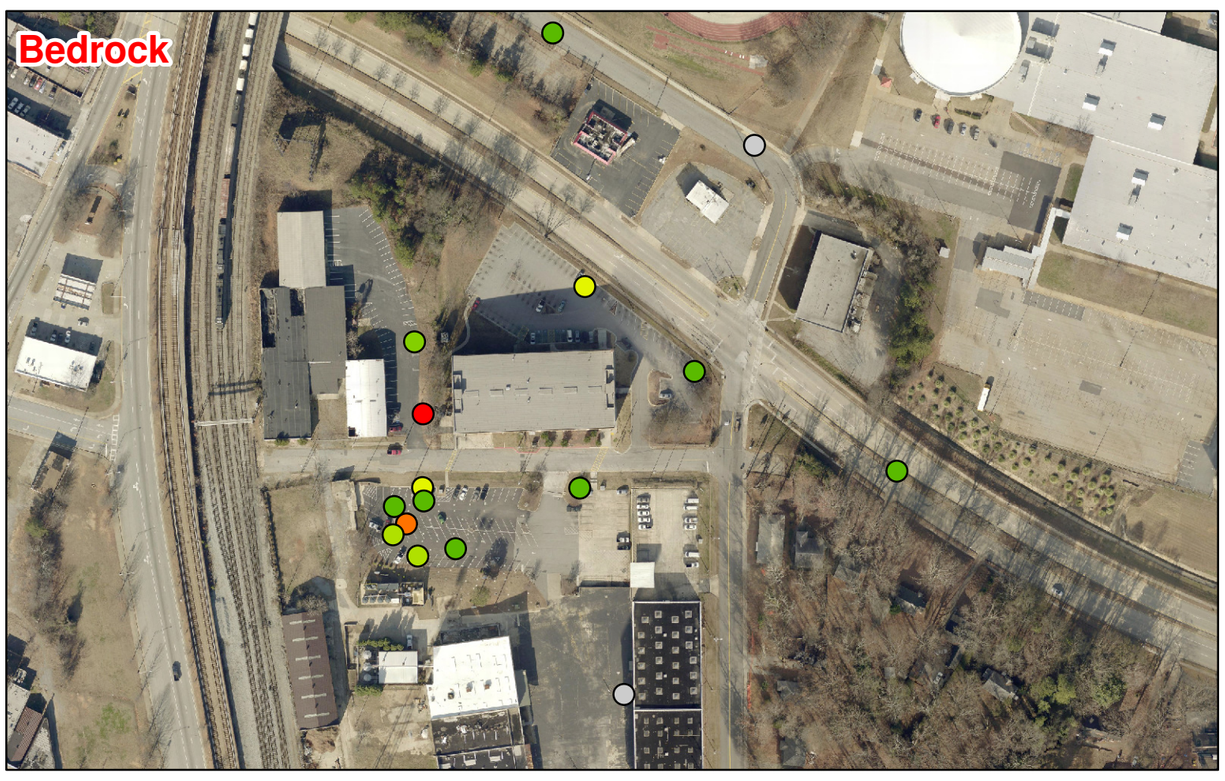
Historical Distribution of Chlorinated Ethenes (2002-2005)

EPS
F:\Lafarge\GIS\mxd\CSX\Hist ClEth.mxd

Figure No. 16







Legend

Total Chlorinated Ethenes*

- Non-detect
- < 5,000 ppb
- 5,000 - 10,000 ppb
- 10,000 - 20,000 ppb
- 20,000 - 40,000 ppb
- 40,000 - 60,000 ppb
- 60,000 - 80,000 ppb
- 80,000 - 90,000 ppb
- 90,000 - 100,000 ppb
- >100,000 ppb

0 95 190 380
Feet

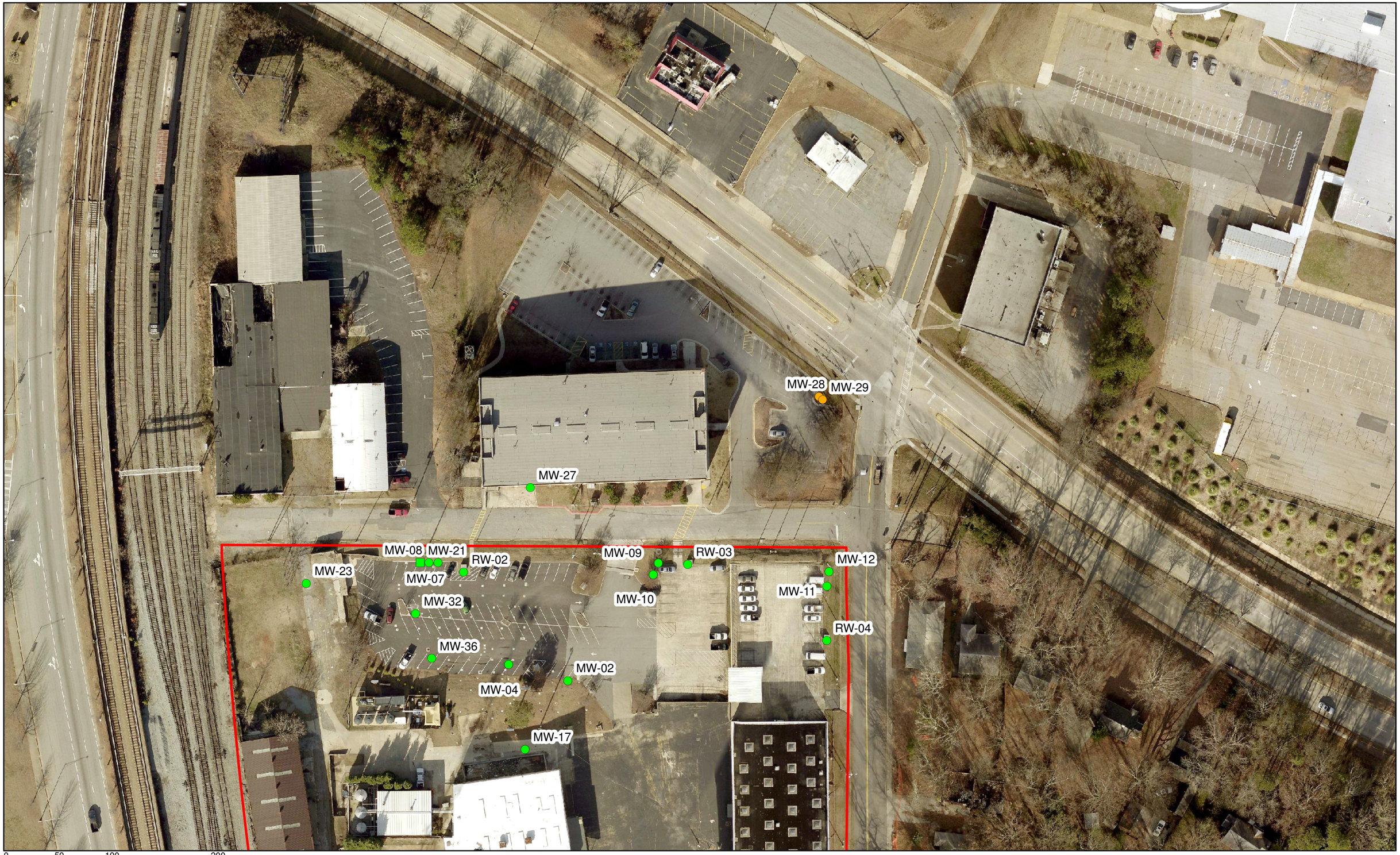
N

* Sum of PCE, TCE, cis-DCE and vinyl chloride - maximum from each well from 2015-2017.

Current Chlorinated Ethenes (2015-2017)

EPS
F:\Lafarge\GIS\mxd\Delineation Oct 2016\Delin_TCE.mxd

Figure No. 17



Mann-Kendall Stability Trends for Chlorinated Ethenes

EPS

F:\Lafarge\GIS\mxd\CSR\Well Stability.mxd

Figure No. 18

Wells used in Flow Path Graphs

EPS
F:\Lafarge\GIS\mxd\CSR\Flowpath.mxd

Figure No. 19

N

MW-16

MW-15

0 20 40 80
Feet

Soil Samples Events | Soil Excavation Areas | Site Property Boundary

Soil Sample Locations (post-remediation)

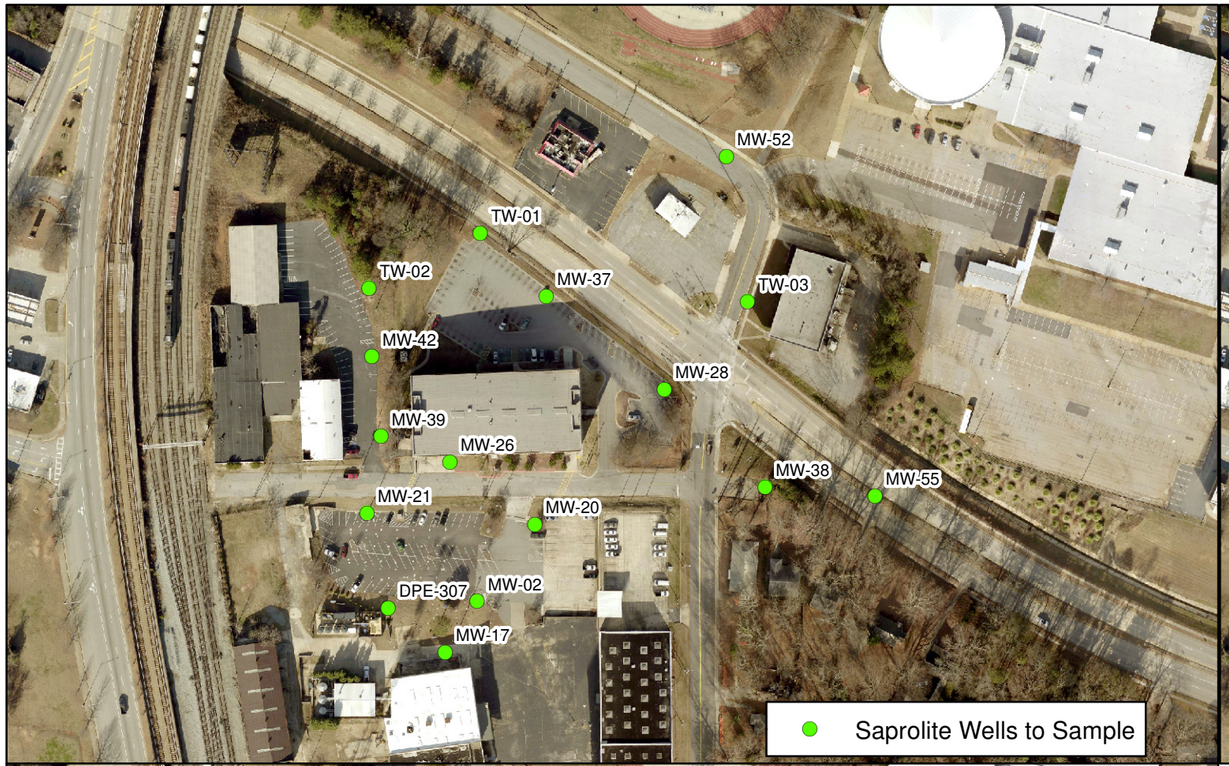
EPS
F:\Lafarge\GIS\mxd\CSR\Soil.mxd

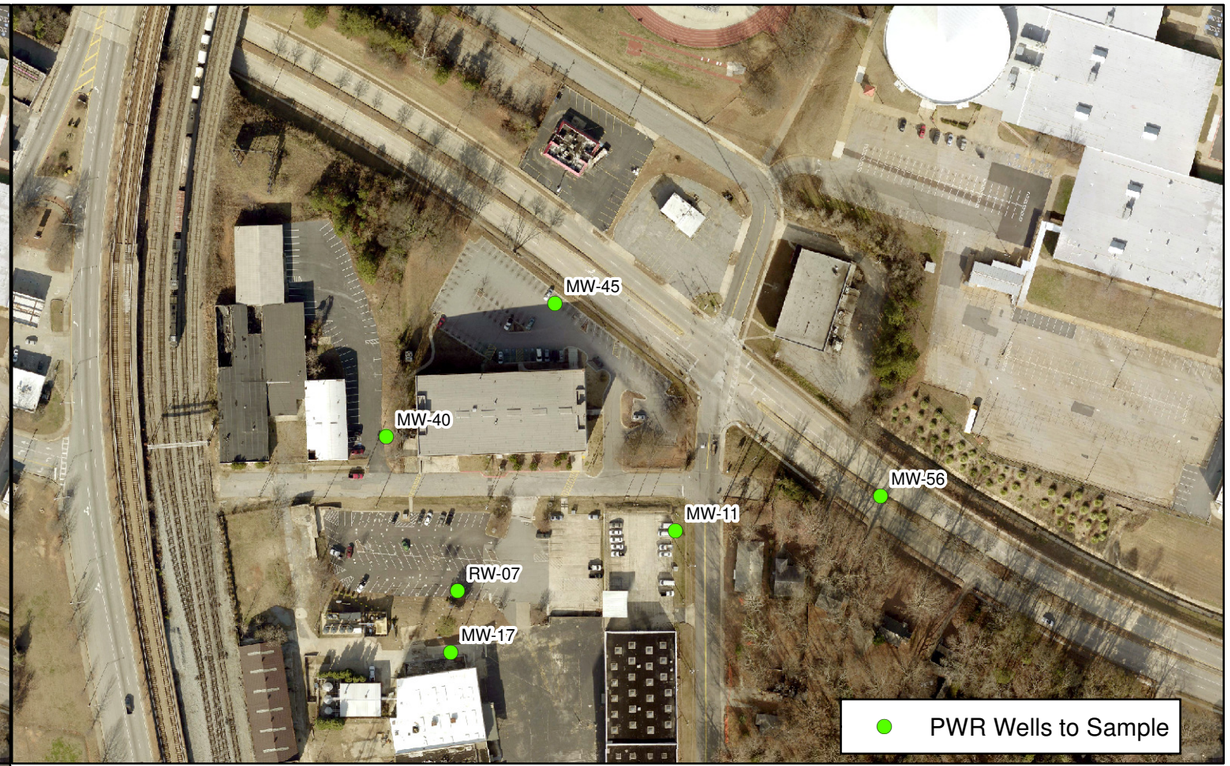
Figure No. 20

Locations Evaluated for Vapor Intrusion Potential

EPS
F:\Lafarge\GIS\mxd\CSR\VI.mxd

Figure No. 21





Wells in Groundwater Monitoring Program

EPS

F:\Lafarge\GIS\mxd\CSR\Prop GW.mxd

Figure No. 22

APPENDIX A
Professional Geologist
Summary of Hours

Environmental Planning Specialists, Inc.
LRM East Point - PG Hours (Kirk Kessler)
November 2016 through April 2017

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	TOTAL
King & Spalding:LRM:East Point Facility:EPD Interaction							
SP-Senior Principal:SP-Planning / Preparation	0.00	4.00	0.00	0.00	0.00	0.00	4.00
SP-Senior Principal:SP-Project Support	22.00	14.00	0.00	0.00	0.00	0.00	36.00
Total King & Spalding:LRM:East Point Facility:EPD Interaction	22.00	18.00	0.00	0.00	0.00	0.00	40.00
King & Spalding:LRM:East Point Facility:Project Management							
SP-Senior Principal:SP-Project Support	0.00	3.00	0.00	1.00	1.00	0.00	5.00
Total King & Spalding:LRM:East Point Facility:Project Management	0.00	3.00	0.00	1.00	1.00	0.00	5.00
King & Spalding:LRM:East Point Facility:SemiAnnual Report							
SP-Senior Principal:SP-Document Preparation	0.00	0.00	0.00	0.00	5.00	4.00	9.00
SP-Senior Principal:SP-Document Review	0.00	0.00	0.00	0.00	8.00	2.00	10.00
SP-Senior Principal:SP-Project Support	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Total King & Spalding:LRM:East Point Facility:SemiAnnual Report	0.00	0.00	0.00	0.00	13.00	6.50	19.50
TOTAL	**22.00**	**21.00**	**0.00**	**1.00**	**14.00**	**6.50**	**64.50**

APPENDIX B
Former Atwood Canvas Facility PPCSR

Brownfields Program
Prospective Purchaser Compliance Status Report

Applicant:

Kairos Development Corporation
Former Attwood Canvas Facility
1526 East Forrest Avenue
Atlanta, Fulton County, Georgia
Project No. 2000.4227.05

Delivered to:

Ms. Madeleine Kellam
Brownfields Coordinator
Hazardous Waste Management Branch
Environmental Protection Division
Floyd Towers East, Suite 1154
2 Martin Luther King, Jr. Drive SE
Atlanta, Georgia 30334

Prepared by:

United Consulting
625 Holcomb Bridge Road
Norcross, Georgia 30071

Project No. 2000.4227.06

November 11, 2005

UNITED CONSULTING

We're here for you

UNITED CONSULTING

November 11, 2005

FILE COPY

Ms. Madeleine Kellam
Brownfields Coordinator
Hazardous Waste Management Branch
Environmental Protection Division
Floyd Towers East, Suite 1154
2 Martin Luther King, Jr. Drive SE
Atlanta, Georgia 30334

RE: Brownfields Program – Proposed Purchaser Compliance Status Report
Former Attwood Canvas Facility
1526 East Forrest Avenue
Atlanta, Fulton County, Georgia
Project No. 2000.4227.06

Dear Ms. Kellam:

On behalf of Kairos Development Corporation (Kairos), United Consulting is pleased to submit this Proposed Purchaser Compliance Status Report (PPCSR) for the above-referenced Project Site pursuant to the Georgia Hazardous Site Reuse and Redevelopment Act, Section 12-8-200 et. seq. (the "Brownfields Act"). Kairos has implemented the remedial action as set forth in the September 29, 2005, Proposed Purchaser Corrective Action Plan (PPCAP), approved in writing by the Environmental Protection Division (EPD) on September 29, 2005, through issuance of a conditional limitation of liability letter.

We appreciate your attention to this submittal. This PPCSR is submitted in connection with the redevelopment of the property. We believe that this is a prime example of a redevelopment project that the Brownfields Act was intended to facilitate. We would very much appreciate receiving a letter from you as soon as possible to confirm EPD's concurrence with the PPCSR and the satisfaction of the conditions to finalization of the limitation of liability. Please contact John Clerici or Kalen Kramer with United Consulting at 770-582-2819 or 2833, if you have any questions or if we can be of further assistance.

Sincerely,

UNITED CONSULTING

Kalen J. Kramer, P.G.
Senior Environmental Specialist

John F. Clerici, P.E.
Chief Environmental Consultant

KJK/JFC/ljr
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625 HOLCOMB BRIDGE ROAD ♦ NORCROSS, GEORGIA 30071
Tel: 770/209-0029 ♦ Fax: 770/582-2900 ♦ Client Service: 800/266-0990
Web: http://www.unitedconsulting.com ♦ E-mail: united@unitedconsulting.com

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STATEMENT OF FINDINGS

Background

This report is for the former Attwood Canvas Project Site, which is referenced by the address of 1526 East Forrest Avenue in Atlanta, Fulton County, Georgia. This Project Site location is shown on Figure 1. An application for a Brownfield limitation of liability (LoL) was previously submitted to the Environmental Protection Division (EPD), in the form of a Proposed Purchaser Corrective Action Plan (PPCAP) for this Project Site, pursuant to the Georgia Hazardous Site Reuse and Redevelopment Act, Section 12-8-200 et. seq. (the Brownfields Act). The September 29, 2005, PPCAP was approved in writing by the EPD on September 29, 2005. The PPCAP has now been fully implemented, and these activities are summarized herein, along with certification of compliance with the applicable Type 1 soil residential risk reduction standards (RRS) under HSRA and the Brownfields Act for the chemicals of concern (COC) in the soil and groundwater.

Investigations

As stated in the PPCAP, United Consulting has conducted previous subsurface investigations at the Project Site. The results of these investigations were used to prepare the PPCAP and this PPCSR. The extent of soil and groundwater impacts on the Project Site have been assessed through various sampling, as reported herein.

The groundwater impacts at the Project Site were initially assessed in a Phase II Environmental Assessment (Phase II) and then, recently, in the PPCAP investigation. Since no obvious sources were observed on-site, soil impacts were not initially assessed during the Phase II. However, soil impacts were assessed in association with the PPCAP investigation. Seven borings, designated B-1 through B-3 and MW-1 through MW-4, were drilled around the building on the Project Site. Four borings were drilled next to the southern property line with LRM and two borings were drilled next to the western property line with the cabinet shop (currently Atlanta Kitchen and Bath). A single boring was also drilled interior to the property, next to the northeastern corner of the building. Four of the borings, MW-1 through MW-4, were subsequently converted into wells for collecting groundwater samples. Soil samples were colleted for analytical testing from borings MW-1 through MW-4.

Groundwater samples only were collected from borings B-1 through B-3. The groundwater samples collected were submitted for analytical testing of volatile organic compounds (VOCs) and polynuclear aromatic hydrocarbons (PAHs). Each of borings MW-1 through MW-4 had two soil and one groundwater sample tested for VOCs and Resource Conservation and Recovery Act (RCRA) metals. Several constituents were detected at very low concentrations in the soil samples, as indicated below in Table 1 at the end of this report. The constituents detected in the groundwater samples are shown in Table 2 at the end of this report.

After meeting with the EPD, the various chemicals identified on the Project Site and on the adjacent LRM property were suggested as COC. The list of COC is included in Table 3 at the end of this report.

Based on the analytical data, no soil samples were detected with COC in excess of their respective NC or Type 1 RRS concentrations. Thus, no soil remedial actions were required at the Project Site. By reason of the provisions of the Brownfield Act and its LoL provisions, in conjunction with a prior non-listing letter that was issued by EPD following notification of the finding of groundwater impact at the site, remedial action for the groundwater is not required.

Risk Reduction Standards and Site Compliance

Type 1 RRS were calculated for the COC identified in the soil and/or groundwater at the Project Site and LRM facility. Soil impacts at the Project Site were all below NCs. No areas were identified on the Project Site with soil concentrations of COCs in excess of Type 1 RRS. Therefore, no areas were excavated or otherwise remediated. In accordance with the procedures outlined in the PPCAP, confirmatory samples were not required, as provided in the application. The results of the testing reveal the concentrations in the soils meet residential Type 1 RRS.

CERTIFICATION OF COMPLIANCE

I certify under penalty of law that this report and all attachments were prepared under my direction in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Based on my review of the findings of this report with respect to the soil risk reduction standards (RRSs) of the Rules for Hazardous Site Response, Rule 391-3-19-.07, I have determined that the soil at this site is in compliance with the Type 1 and/or Type 2 Residential Risk Reduction Standards.

By: Kevin J. Bragers

Signature: _____ Date: 10/25/05

Title: Director

Kairos Development Corporation

Groundwater Scientist Statement

I certify that I am a qualified groundwater scientist who has a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this Compliance Status Report for the Former Atwood Canvas facility, located at 1526 East Forrest Avenue in Atlanta, Fulton County, Georgia was prepared by myself and appropriate qualified subordinates working under my direction.

UNITED CONSULTING

Name: Kalen J Kramer, P.G.

Signature: _____

Date: 11.11.05

Georgia Stamp or Seal

INTRODUCTION

Purpose

United Consulting has prepared this Proposed Purchaser's Compliance Status Report (PPCSR) for the Attwood Canvas site, (hereinafter referred to as the Project Site) pursuant to Section 12-8-207(6) of the Hazardous Site Reuse and Redevelopment Act. This PPCSR has been prepared on behalf of Kairos Development Corporation.

Kairos wishes to obtain the liability protection offered by the Brownfields Act, as amended during the recent session of the Georgia General Assembly, with respect to the Project Site. Kairos qualifies for these protections, as outlined below, and through implementation of the previously submitted PPCAP, and preparation of this PPCSR certifying compliance with applicable Risk Reduction Standards under the Hazardous Site Response Act (HSRA) as to various hazardous substances.

Site Description

The Project Site consists of approximately 1.7 acres of developed land located within Parcel 23, Land Lot 156 of the 14th District of Fulton County, Georgia. The Project Site is referenced by the address of 1526 East Forrest Avenue and is located south of Norman Berry Drive, west of Carmichael Street, and north of East Forrest Avenue. A copy of the property description and tax map is included in Appendix A. The location of the Project Site is illustrated on Figure 1 and figure 2 shows the overall topography of the Project Site area.

The Project Site is fenced and developed with a four-story commercial structure, and associated parking areas. The Project Site building is currently vacant. However, the building was most recently occupied by Attwood Canvas Division and utilized as a sewing facility in the manufacture of canvas boat covers and canopies.

Facility Background

United Consulting previously conducted a Phase I Environmental Assessment (Phase I), dated January 2, 2001, a Phase I Environmental Assessment Update (Update) and Limited Asbestos Survey, dated April 29, 2005, and a Limited Phase II, dated June 2, 2005, on the Project Site. At the time of the Phase I, the Project Site consisted of an approximately 1.7-acre tract of land that contained one four-story building and associated parking areas. Attwood Canvas Division utilized the building as a sewing facility for the manufacturing of boat covers and canopies. Figure 3 shows the layout of the Project Site and investigation locations, as well as the relative location of LRM.

The Project Site was not listed on any of the Federal and State environmental databases reviewed. The Phase I listed the former Linear Dynamics (a.k.a. LRM, Prismo Safety Corporation, which became Linear Dynamics, Inc., and then Lafarge Road Marking), as a recognized environmental condition (REC). The LRM facility was performing State directed corrective action due to the release of several solvents formerly contained at the Project Site in

underground storage tanks (USTs) and/or used in their manufacturing process. United Consulting recommended additional investigations of the Project Site to assess potential impacts to the Project Site from the Lafarge facility.

At the time of the Update, the Project Site building was vacant. According to the Update, the Project Site was not listed on the Federal and State environmental databases reviewed. However two listed regulated facilities were listed as RECs, LRM and Shell East Point. The Shell East Point facility was listed in the Leaking Underground Storage Tank (LUST) database. United Consulting recommended a phase II environmental assessment to assess the potential impacts to the Project Site from these two facilities.

The Phase II was preformed by United Consulting to assess potential impacts from the Lafarge and Shell facilities. Three borings were drilled on the southeastern, southwestern, and west central portions of the Project Site in approximate down-gradient directions from the Lafarge and Shell East Point facilities. Figure 3 shows the investigation locations. Boring logs are provided in Appendix B. One groundwater sample was collected from each of the borings and tested for polynuclear aromatic hydrocarbons (PAHs) using EPA testing method 8270C and volatile organic compounds (VOCs) using EPA testing method 8260B. Based on the analytical testing, 1,1-dichloroethene, benzene, chloroform, cis-1,2-dichloroethene, cyclohexane, ethylbenzene, trans-1,2-dichloroethene, trichloroethene, vinyl chloride, and/or xylenes were detected in the groundwater samples obtained at the Project Site. Of these constituents, 1,1-dichloroethene, benzene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, trichloroethene, and vinyl chloride were detected at concentrations greater than their respective maximum contaminant levels (MCLs). Analytical test results and Chain of Custody forms are reproduced in Appendix C. Investigation procedures are provided in Appendix D.

SOURCE DESCRIPTION

Solvents

Various solvents have been identified at the Project Site. There is no history of their use at the Project Site. The LRM facility is the apparent source for these chemicals. LRM made and applied paints that included paints for marking roadways. The paints were all solvent based. Thus, multiple organic chemicals have historically been used at LRM. These have predominately moved to the Project Site through groundwater migration. The organic chemicals found at the Project Site have been identified at LRM. Data from LRM are reproduced in Appendix E.

Petroleum Chemicals

Petroleum chemicals have been found in the groundwater and soil at the Project Site. There is no history of their use at the Project Site. These COC were likely from at least LRM, but possibly also from the former Shell facility. These have move to the Project Site through groundwater migration.

Metals

Several metals have been identified at the Project Site. There is no history of their use at the Project Site. The LRM facility is the apparent source for these chemicals. LRM made and applied paints that included paints for marking roadways. The paints were all solvent based, and many used metals for color, enhancement, and/or durability. There is a historic use of metals in the paints and for their equipment, including tanks and piping, at LRM. These have predominately moved to the Project Site through groundwater migration, but likely also through air transport, also. The metals found at the Project Site have predominately been identified at LRM.

BROWNFIELD ELIGIBILITY

Site Eligibility

Preexisting Release:
Evidence of the release of hazardous substances has been discovered. A release notification was submitted to the Hazardous Site Response Program (HSRP) for several VOCs detected in the groundwater at the Project Site on August 24, 2005. The HSRP has stated verbally that the Project Site will not be placed on the Hazardous Site Inventory (HSI).

Liens:
No liens have been identified against the property.

Regulatory Status:
The Project Site is not listed on the HIS, the National Priority List (NPL), nor is it under investigation pursuant to any other federal program, including the Resource Conservation and Recovery Act (RCRA). The property is not a hazardous waste facility, and never has functioned as a hazardous wasted facility. Further, it is not performing corrective actions pursuant to RCRA, the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), or any other federal program.

Kairos Eligibility

Contributor to Release:
The releases at the Project Site date to prior property use. Kairos Development Corporation proposes to purchase the Project Site. They have no past dealings with the property or anyone associated with the property. The Project Site has not been operated by Kairos or its affiliates. As such, they have not contributed to the release at the Project Site.

Affiliation:
Kairos Development Corporation and its personnel are not a legal entity that is a subsidiary, division, or parent company of the current owners or operators of the Project Site property or the LRM facility (the source of the release on the Project Site). There is not an employee relationship between these parties, either now, or at any time in the past. Nor is there any real, financial, or employee relationship between Kairos Development Corporation and the property owner or operator of the Lafarge facility.

Relative:
The individuals owning Kairos Development Corporation do not know the property owners or the operators of the Lafarge facility that has had the release. Kairos Development Corporation personnel are not related to these individuals by blood or any legal process.

Violations:
Kairos Development Corporation is not, to their knowledge, in violation of any orders, judgment, statues, rule, or regulation subject to the authority of the director of the EPD.

Acquisition:
The applicant proposes to acquire the property in November 2005 from the current owners. This acquisition is pending the approval for protections under the BrF Program, as required by the program Rules.

SUBSURFACE INVESTIGATIONS

Sampling and Analysis Procedures/QA/QC

Soil borings were drilled using standard penetration test boring procedures, using hollow stem auger rotary drilling techniques. Soil samples were obtained using split-spoon soil samplers driven through and in advance of the hollow stem augers. During the assessments conducted by United Consulting, samples were collected for analytical testing based on potential signs of impacts from visual observations, odors, and organic vapor screening results using a Multi Rae Plus organic vapor monitor (OVM). Quality control (QC) procedures included cleaning, Chain-of-Custody maintenance, and the use of laboratory blank samples. The drilling rigs were cleaned prior to entering the Project Site. The sampling tools were washed with an Alconox/water solution between sampling locations. This cleaning was performed to reduce the potential for contaminating samples due to the drilling/sampling processes. Chain of Custody of the samples was maintained and documented. Chain of custody forms were developed in the laboratory with the sample containers and custody was passed from individual to individual to maintain control of the materials. As the custody of the samples passed from individuals, this was documented on the Chain of Custody forms. The chain of custody forms are reproduced in Appendix C with the laboratory analysis data. Further details on the procedures used in this investigation are discussed below. General standard operation procedures for investigations are included in Appendix D.

The soil/groundwater samples were submitted for various analytical testing including: VOCs, PAHs, and RCRA metals by EPA testing methods 8260B, 8270C, and 6010B/7471A, respectively. Samples for VOC analysis were collected by EPA sampling method 5035A. PAHs were not analyzed in the samples collected from MW-1 through MW-4 since no PAHs were detected in the previously submitted groundwater samples from B-1 through B-3.

Investigations

As stated in the PPCAP, United Consulting had conducted a previous subsurface investigation at the Project Site. A previous Phase I, dated January 2, 2001, an Update, dated April 29, 2005, and

a Phase II, dated June 2, 2005, were conducted United Consulting. The results of these investigations were used to prepare the PPCAP and this PPCSR. The extent of soil and groundwater impacts on the Project Site have been assessed through various sampling, as reported herein.

The Phase II, dated June 2, 2005, was preformed by United Consulting to assess potential impacts from the Lafarge and Shell facilities. Three borings were drilled on the southeastern, southwestern, and west central portions of the Project Site in approximate down-gradient directions from the Lafarge and Shell East Point facilities. The borings were SPT borings, as previously stated. The borings were advanced to below the groundwater table to collect groundwater samples for analytical testing. Each boring was advanced directly to the groundwater table, with only intermittent soil assessment using field organic vapor monitoring instruments. One groundwater sample was collected from each of the borings and tested for PAHs using EPA testing method 8270C and VOCs using EPA testing method 8260B.

The soil impacts at the Project Site were recently assessed in the PPCAP investigation. Four borings were drilled around the building on the Project Site. Two borings were drilled next to the southern property line with LRM and one boring was drilled next to the western property line with the cabinet shop (currently Atlanta Kitchen and Bath). A single boring was also drilled interior to the property, next to the northeastern corner of the building. These four borings were subsequently converted into permanent monitoring wells for collecting groundwater samples.

The borings drilled for the PPCAP were SPT borings, as previously stated. The borings were advanced to below the groundwater table to allow construction of wells across this surface. This also allowed for air entry and sampling from the well pipes after completion of the wells. Following drilling and soil sampling, the wells were completed as type II groundwater monitoring wells, with 2-inch diameter polyvinyl chloride well pipe, and a 10 or 15-foot long screen section of no. 10 (0.010-inch) opening screen. Boring and well logs are provided in Appendix B.

Two soil and one groundwater sample was collected from each of the borings and submitted for analytical testing of VOCs and RCRA metals. Several constituents were detected in the soil samples, as indicated below in Table 1. The constituents detected in the groundwater samples are shown in Table 2. Appendix C contains the analytical test results from the laboratory. Chain of Custody was maintained and documented. These forms are also provided in Appendix C.

CHEMICALS OF CONCERN - SOURCE DESCRIPTION

The COCs for this Project Site are primarily organic chemicals and several metals. As previously stated, United Consulting compared the list of chemicals detected at the Project Site with the COCs at the LRM property, and they were nearly identical. Cyclohexane, methyl-cyclohexane, and isopropyl benzene were the only regulated substance detected at the Project Site that are not a COC at the LRM facility; however, these constituents were not included in the analytical testing at the LRM facility. In addition, the isoconcentration maps from the most recent round of groundwater analytical testing at the LRM facility indicate that impacts have migrated off the

Lafarge property in the direction of the Project Site. United Consulting believes that the LRM facility is the source of the VOCs and metals detected in the groundwater at the Project Site.

After meeting with the EPD, the various chemicals identified on the Project Site and on the adjacent LRM property were suggested as COC. Thus, this property has as soil COC the list in Table 3 at the end of this report. Groundwater impacts at the site included the chemicals listed in Table 3. Only four of the VOCs on the COC list were detected in the soil samples collected at the Project Site. Several metals were also detected at low concentrations. In United Consulting's opinion these metals are likely naturally occurring.

SOIL IMPACT EXTENT

During the Phase II conducted by United Consulting and reported on June 2, 2005, discrete soil samples were not collected from the Project Site for analytical testing. However, select soil samples were collected and screened using a MultiRAE Plus, PGM-50, Multi-gas monitoring instrument (Multirae). Based on this screening, organic vapor concentrations were not detected above ambient air conditions in any of the soil samples collected above the groundwater table. The additional PPCAP Investigations also screened soil samples for organic vapors, with similar results. Screening results are provided on the boring logs in Appendix B and are summarized in Table 4.

Two soil samples were collected from each of monitoring wells MW-1 through MW-4. The samples were tested for VOCs and RCRA metals. Very low concentrations of four VOCs, benzene, cis-1,2-dichloroethene, isopropylbenzene, and/or toluene, were detected in the soil samples submitted for analytical testing. The soil samples with the highest concentration of each of the VOCs detected in the soil were submitted for analytical testing by the Toxicity Characteristic Leaching Procedure (TCLP). The TCLP results were below laboratory detection for the four constituents tested. In addition, four metals, arsenic, barium, chromium, and/or lead, were detected at low concentrations well below the applicable NCs. The metals detected were likely naturally occurring. No areas were identified on the Project Site with COC in excess of their respective NC or RRS. Thus, no soil remedial actions are required at the Project Site.

Three of the soil samples were submitted for additional analytical testing in case soil remediation was required. These tests include total organic carbon, cation exchange capacity, pH, and specific conductance using EPA testing methods 9060, 9080, 9045C, and 9050, respectively. The results of these tests are summarized in Table 1. The analytical testing results are included in Appendix C.

GROUNDWATER IMPACT EXTENT

Overview

Groundwater impacts at the site included the chemicals listed on the COC list, except for the metals, arsenic, chromium and lead. The distribution of chemicals was primarily next to the

southern and western property lines, near the properties identified with releases and groundwater impacts. By reason of the provisions of the Brownfield Act and its LoL provisions, in conjunction with a prior non-listing letter that was issued by EPD following notification of the finding of groundwater impacts at the site, remedial action for the groundwater is not required.

Geologic and Hydrogeologic Setting

The topography, geology and hydrogeology commonly control the migration of chemicals released at a site/facility. The relative location of the properties will often define their potential interaction and hydraulic connection. The description of the setting for the Project Site is provided below, starting with the topography and geology. The resultant anticipated, surface water and groundwater flow directions are then estimated and described.

The Project Site is located in the Piedmont Physiographic Province of Georgia, which is characterized by medium- to high-grade metamorphic rocks and scattered igneous intrusions. Topography in the province is variable and ranges from gently rolling hills in the south to moderate to steep hills in the north. Based on the United States Geological Survey (USGS) 7.5-minute topographic quadrangle map of the area Southwest Atlanta, Georgia, 1993, elevations in the vicinity of the Project Site range from approximately 950 feet above mean sea level (ft-msl) to approximately 1,000 ft-msl. The Project Site was located in a relatively flat area with an approximate elevation of 1,000 ft-msl. Topography at the Project Site generally slopes down to the north and northeast. Surface water flow at the Project Site and immediate vicinity generally flows northeast towards an unnamed tributary of the South River, approximately 5,000 feet from the Project Site. Figure 2 shows the topography of the Project Site and surrounding areas.

The metamorphic rocks comprising the Piedmont Physiographic Province were formed when older "parent" rocks were subjected to high temperatures and/or pressures during regional metamorphism that occurred during the creation of the Appalachian Mountains. The same high temperatures and pressures also caused some "parent" rocks to fully melt and subsequently recrystallize as intrusive igneous rocks. According to the *Geologic Map of Georgia,* the rock type(s) underlying the Project Site has (have) been mapped as amphibolites, and/or gneiss which is a (are) highly metamorphosed rock(s). The area topography is illustrated on Figure 2.

Groundwater in this region is contained in joints, fractures and other openings in bedrock and the pore spaces in the overlying residual soil. Groundwater recharge occurs by seepage of water through the soil and/or rock or by flowing directly into openings in outcropping rock. The primary source of recharge water is from precipitation that falls in the area, but can also originate from river discharge during dry periods. The movement of groundwater typically follows the original surface topography, moving from hilltops and uplands to stream valleys. The water table is generally 30 to 100 feet below the ground surface on hilltops and hillsides, but is at or near the ground surface in stream valleys and draws. In this type of geologic setting, the direction of groundwater flow can be expected to generally conform to that of the surface water.

Based on the USGS topographic map of the area (Figure 2), groundwater below the Project Site can be expected to flow northeast. Areas considered up-gradient of the Project Site are to the

south and southwest. This anticipated direction of groundwater flow was used to assist in the evaluation of potential impacts from nearby properties.

On-Site Subsurface Conditions

Site drilling was used to further define the site conditions. Approximately 1 to 2 inches of asphalt followed by 3 to 6 inches of graded aggregate base (GAB) was encountered at the surface of borings B-1, B-2, B-3, and MW-2. Approximately six inches of concrete was encountered at the surface of boring MW-1 and six inches of gravel at the surface of MW-3 and MW-4. Fill material was encountered below the concrete/gravel/GAB in the borings. The fill materials generally consisted of silts and sands with varying amounts of sand, silt, and clay, with occasional debris such as clay bricks mixed with soil. Residual soils were encountered beneath the fill materials. The residual soil generally consisted of sands and silts with varying amounts of sand, silt and clay. Groundwater was encountered in borings at depths of 8 to 16 feet below the ground surface (bgs) at the time of boring. Static groundwater levels in monitoring wells MW-1 through MW-4 were measured at depths of 12.43, 7.74, 13.67, and 5.74 feet below the top of casing (toc). A detailed description of the conditions encountered within the test borings is included on the boring/monitoring well logs in Appendix B.

The Project Site is underlain by an unconfined aquifer. Groundwater is contained in the residual soil and underlying weathered rock. The estimated flow system is about 50 feet thick. The wells installed at the Project Site and at LRM were used to assess the overall system. Well construction logs are included in Appendix B and their construction is summarized in Table 5. These wells were surveyed and water level data obtained to construct a potentiometric map of the Project Site area. Table 6 summarizes these water level data and the potentiometric map is shown on Figure 5.

As illustrated on the potentiometric map on Figure 5, the overall groundwater flow direction is to the northeast. A potentiometric map for the LRM property is reproduced in Appendix E and shows flow from the LRM property towards the Project Site, consistent with the flow direction on the Project Site. Several other characteristics of the system are that it is:

- Unconfined;
- Uniform;
- Relatively extensive;
- Isotropic; and
- About 50 feet thick (maximum)

Extent of Groundwater Contamination

Seven borings, designated B-1 through B-3 and MW-1 through MW-4, were drilled around the building on the Project Site. Four borings were drilled next to the southern property line with LRM and two borings were drilled next to the western property line. A single boring was also drilled interior to the property, next to the northeastern corner of the building. Four of the borings, MW-1 through MW-4, were subsequently converted into wells for collecting groundwater samples. Seven groundwater samples were obtained at the Project Site. From the

calculated potentiometric data and LRM data, the overall direction of groundwater flow is to the northeast. Regulated substances were detected in the groundwater samples collected from all seven borings/wells. The borings with the most significant impacts were B-1 and MW-1, which were directly downgradient from one of the areas with the highest concentrations of dissolved VOCs at the LRM facility.

One groundwater sample was obtained from each of borings B-1 through B-3 and submitted for analytical testing of VOCs and PAHs using EPA testing methods 8260B and 8270C, respectively. No PAH constituents were detected in the groundwater samples submitted for analytical testing. Multiple VOCs were detected in the groundwater sample from boring B-1; trichloroethene and cis-1,2-dichloroethene were detected in the sample from boring B-2; and ethylbenzene was detected in the sample from boring B-3.

One groundwater sample was obtained from each of monitoring wells MW-1 through MW-4 for analytical testing of VOCs and RCRA metals using EPA testing methods 8260B and 6010B/7471A, respectively. PAHs were not analyzed since no PAHs were detected in borings B-1 through B-3 during the initial Phase II investigation. RCRA metals were added based upon information obtained from the EPD regarding the COC at LRM. Multiple VOCs were detected in the groundwater samples. In addition, very low concentrations of barium were also detected in the groundwater samples well below the Maximum Contaminant Level (MCL). The barium detected in the groundwater is likely naturally occurring. Table 2 summarizes the groundwater analytical testing results. A copy of the laboratory analytical test results is included in Appendix C.

As previously stated, the groundwater at all seven of the borings at the Project Site was impacted by VOCs. The least impacted borings/wells were MW-3 and B-3, which were located on the western property boundary, the most up gradient location from LRM at the Project Site. The highest impacted wells were MW-1 and B-1, which were located on the southwestern portion of the Project Site. Based on groundwater data from LRM, these two borings are in a directly down-gradient direction (northeast) from one of the areas at LRM with the highest dissolved VOC concentrations (near RW-2 on LRM property). Monitoring well MW-4, which is located the furthest northeast of the borings on the Project Site, was also impacted. Based on this information, the VOC plume could extend beyond the northeastern property boundary of the Project Site.

Figure 4 shows the distribution of VOCs at the Project Site. The LRM data reproduced in Appendix E shows the distribution of VOCs in the most recent available map. These show that similar chemicals are on both sites, with higher concentrations on the LRM property.

POTENTIAL HUMAN OR ENVIRONMENTAL RECEPTORS

Currently, the nearest resident to the Project Site is less than 300 feet to the east of the Project Site, at 1496 Norman Berry Drive. Upon completion of the planned development, residents may be located on the Project Site. However, soil sampling has confirmed that no soils with COC concentrations in excess of the Type 1 RRS were detected on the Project Site.

The EPD previously assessed the LRM and the Project Site for known releases of several regulated substances to the groundwater, which included conducting a receptor survey. In addition, the United Consulting conducted an independent survey for the Project Site notification. Based on file information, no drinking water wells exist within 3 miles of the Project Site.

RISK REDUCTION STANDARDS

Approach

Type 1 RRS calculations have been made for the COC in the soil/groundwater at the Project Site and LRM. The RRS were developed based on guidance and the Rules for the HSRP, as well as applicable guidance from the EPA (1991, 2001). The RRS values calculated in this report incorporate standard, default assumptions recommended by EPD and EPA. RRS calculations are described in the HSRA Rules under, 391-3-19-.07(6)(c). Generally, Type 1 soil RRS shall be based on the strictest of groundwater protection criteria, non-cancer toxic effect concentrations, or carcinogenic risk concentrations for residential receptors.

Non-cancer toxic effect concentrations and carcinogenic risk concentrations were assessed using equations 6 and 7, shown below, from Risk Assessment Guidance for Superfund (RAGS), Volume I - Human Health Evaluation Manual, Part B (1991).

Equation 6-Carcinogenic Risk RRS (RRS_c) in milligrams per kilogram (mg/kg):

$$RRS_c = \frac{TR*BW*AT_c*365\ days/yr}{EF*ED*[(CSF_o*10^{-6}\ kg/mg*IR_s)+(CSF_i*IR_a*[1/VF+1/PEF])]}$$

Equation 7-Non-carcinogenic Risk RRS (RRS_{nc}) in mg/kg:

$$RRS_{nc} = \frac{THI*BW*AT_{nc}*365\ days/yr}{EF*ED*[(1/RfD_o*10^{-6}kg/mg*IR_s)+(1/RfD_i*IR_a*[1/VF+1/PEF])]}$$

Where:

TR	Target Risk	1.00E-05
THI	Target Hazard Index	1 (unitless)
CSF_i	Inhalation Cancer Slope Factor	Chemical Specific
CSF_o	Oral Cancer Slope Factor	Chemical Specific
RfD_i	Inhalation Reference Dose	Chemical Specific
RfD_o	Oral Reference Dose	Chemical Specific
BW	Body Weight	70 kg
AT	Averaging Time	70/30* yr: Eq 6/Eq 7
EF	Exposure Frequency	350 days/yr
ED	Exposure Duration	30 yr

IR_{soil}	Soil Ingestion Rate	114 mg/kg
IR_{air}	Workday Inhalation Rate	15 m^3/day
VF	Soil to Air Volatilization Factor	Chemical Specific
PEF	Particulate Emission Factor	4.63E+09 m^3/kg

Note: Parameters per HSRA, Table 3, Appendix III and RAGS, Volume I, Part B, except * value, which was verbally specified by EPD on 9/1/05.

Type 1 RRS

Default values were used as obtained from the standard residential exposure assumptions, Table 3, Appendix III of the HSRP Rules. Chemical specific values were obtained from the Region 9 PRG Table and other sources[1]. Type 1 risk based soil RRS calculations are included in Table 7.

SUBSURFACE AIR

Due to the detection of multiple solvents in the groundwater and the shallow groundwater table at the Project Site, the potential exists for vapors from the COC to migrate through the soil into buildings on the Project Site. Kairos intends to implement a vapor collection and/or venting system during construction to reduce the potential for toxic/flammable vapors to collect within the Project Site buildings.

CORRECTIVE ACTION

Overview

The PPCAP provided for the contingency of remedial action if soil concentrations exceeded NCs or the associated RRS. Soils on the Project Site did not exceed either NCs or Type 1 RRS. Consequently, no corrective actions were required.

Regulatory Compliance (not required)

The soil removal operations for this project were to be performed in accordance with the PPCAP. Excavation activities were scheduled for performance by contractors experienced, trained, and licensed for hazardous waste activities. Any materials removed from the Project Site would have been transported by experienced, trained, and licensed waste haulers. Work documentation, protection, and regulatory compliance were identified for use, if required.

Health and Safety (not required)

Corrective actions would have been performed in accordance with OSHA requirements, as provided for in Title 29 of the Code of Federal Regulations, part 120 (29 CFR 120), for

[1] Supplemental Guidance to RAGS: Region 4 Bulletins, Human Health Risk Assessment Bulletins, EPA Region 4, originally published November 1995, http://www.epa.gov/region4/waste/ots/healtbul.htm (Website last updated May 30, 2000), Integrated Risk Information System (IRIS), published and maintained by the EPA, www.epa.gov/iris/, Health Effects Assessment Summary Tables (HEAST), EPA, 1997.

hazardous waste work. All companies involved in the excavation activities were to prepare health and safety plans (HASPs) for their workers and the tasks they performed, as required by the PPCAP and regulations, and cleaning protocols for their personnel and equipment.

Verification (not required)

Soils would be removed from the Project Site if COC impacts had been found greater than the NC and/or Type 1 RRS. Soil confirmation sampling would then have been conducted at a rate of one sample for every 400 square feet of exposed base. Sidewall samples will be collected at a rate of one sample for every 25 linear feet of sidewall. At a minimum, every excavation will have at least one base sample and four sidewall samples.

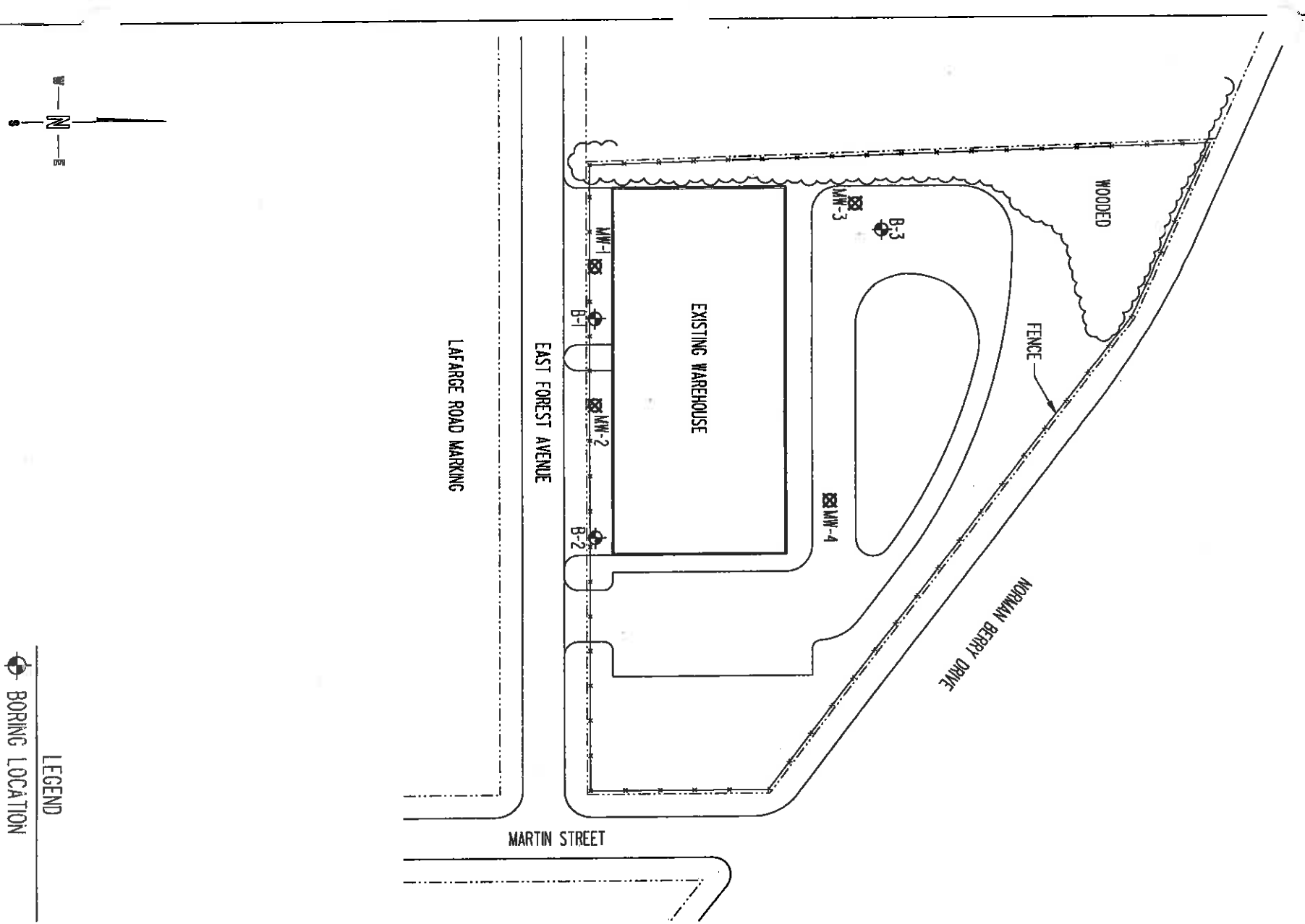
Excavation Monitoring (not required)

During required excavations, air monitoring would have been conducted using a portable volatile gas meter, such as a MultiRAE Plus or a Thermo Environmental 580B, Organic Vapor Monitor (OVM), and passive dosimeter tubes.

COMPLIANCE STATUS REPORT

Following completion of the PPCAP, this Proposed Purchaser Compliance Status Report (PPCSR) was prepared for submittal to the EPD. This PPCSR summarizes the former investigations at the Project Site and includes the results of the additional investigations performed in the course of implementation of the PPCAP. Remedial actions were not performed and did not require description and documentation. Calculations of appropriate RRS and certification of compliance with the RRS and/or NCs for various COCs in soils on the Project Site is included herein. This PPCSR documents the following, at a minimum:

- A description of each known source of release and potential responsible parties (PRPs);
- A legal description of the property which comprises Brownfield Site;
- Re-statement of the applicant and property eligibility for Brownfields coverage;
- A summary of all pertinent field and laboratory data;
- Definition of the horizontal and vertical extent of on-site soil and groundwater impacts;
- A description of geologic and hydrogeologic conditions at the site;
- A description of existing or potential human or environmental receptors;
- A summary of previous actions take to eliminate, control, or minimize the potential risk at the site;
- Calculations of appropriate RRS numbers; and
- A concise statement of the findings of the report including Kairos Development Corporation's certification of compliance with the appropriate soil risk reduction standards.



SCALE: ±1" = 80'	DATE: 10-24-05	PROJECT NO: 2000.4227.06	TITLE: BORING LOCATION PLAN ATWOOD CANVAS ATLANTA, FULTON COUNTY, GEORGIA
PREPARED: VPV	CHECKED:	REVISIONS:	
CLIENT: KAIROS DEVELOPMENT CORPORATION			

UNITED CONSULTING
770 - 209-0029 FAX 582-2900
E-MAIL ADDRESS UNITED@UNITEDCONSULTING.COM
WEB SITE WWW.UNITEDCONSULTING.COM

FIG. 3

NOTES:
1. ALL DATA IS IN MICROGRAMS PER LITER.
2. DATA FROM B-1, THROUGH B-3 WAS COLLECTED ON 5-16-05.
   DATA FROM MW-1 THROUGH MW-4 WAS COLLECTED ON 10-10-05
3. TABLE 2 OF REPORT PRESENTS THESE RESULTS IN DETAIL.

LEGEND
- BORING LOCATION
- MONITORING WELL LOCATION

TITLE: GROUNDWATER QUALITY MAP
ATWOOD CANVAS
ATLANTA, FULTON COUNTY, GEORGIA

FIG. 4

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SCALE: ±1" = 80' | DATE: 10-24-05 | PROJECT NO: 2000.4227.06 | REVISIONS:
PREPARED: VPV | CHECKED:

CLIENT: KAIROS DEVELOPMENT CORPORATION

NOTES:
1. ALL DATA IS IN MICROGRAMS PER LITER.
2. DATA FROM B-1, THROUGH B-3 WAS COLLECTED ON 5-16-05.
   DATA FROM MW-1 THROUGH MW-4 WAS COLLECTED ON 10-10-05
3. TABLE 2 OF REPORT PRESENTS THESE RESULTS IN DETAIL.

LEGEND

- BORING LOCATION
- MONITORING WELL LOCATION
- CONCENTRATION ISOPLETH
- ESTIMATED ISOPLETH

TITLE: GROUNDWATER ISOCONCENTRATION MAP
CIS-1,2-DICHLOROETHENE
ATWOOD CANVAS - ATLANTA, FULTON COUNTY, GEORGIA

FIG. 4

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SCALE: ±1" = 80'	DATE: 10-24-05	PROJECT NO: 2000.4227.06	REVISIONS:
PREPARED: VPV	CHECKED:		

CLIENT: KAIROS DEVELOPMENT CORPORATION

NOTES:
1. ALL DATA IS IN MICROGRAMS PER LITER.
2. DATA FROM B-1, THROUGH B-3 WAS COLLECTED ON 5-16-05.
   DATA FROM MW-1 THROUGH MW-4 WAS COLLECTED ON 10-10-05
3. TABLE 2 OF REPORT PRESENTS THESE RESULTS IN DETAIL.

LEGEND

- BORING LOCATION
- MONITORING WELL LOCATION
- CONCENTRATION ISOPLETH
- ESTIMATED ISOPLETH

TITLE: GROUNDWATER ISOCONCENTRATION MAP
TRICHLOROETHENE
ATWOOD CANVAS - ATLANTA, FULTON COUNTY, GEORGIA

FIG. 4E

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SCALE: ±1" = 80'	DATE: 10-24-05	PROJECT NO: 2000.4227.06	REVISIONS:
PREPARED: VPV	CHECKED:		

CLIENT: KAIROS DEVELOPMENT CORPORATION

NOTES:
1. ALL DATA IS IN MICROGRAMS PER LITER.
2. DATA FROM B-1, THROUGH B-3 WAS COLLECTED ON 5-16-05.
   DATA FROM MW-1 THROUGH MW-4 WAS COLLECTED ON 10-10-05
3. TABLE 2 OF REPORT PRESENTS THESE RESULTS IN DETAIL.

LEGEND

- BORING LOCATION
- MONITORING WELL LOCATION
- CONCENTRATION ISOPLETH
- ESTIMATED ISOPLETH

TITLE: GROUNDWATER ISOCONCENTRATION MAP
VINYL CHLORIDE
ATWOOD CANVAS - ATLANTA, FULTON COUNTY, GEORGIA

FIG. 4

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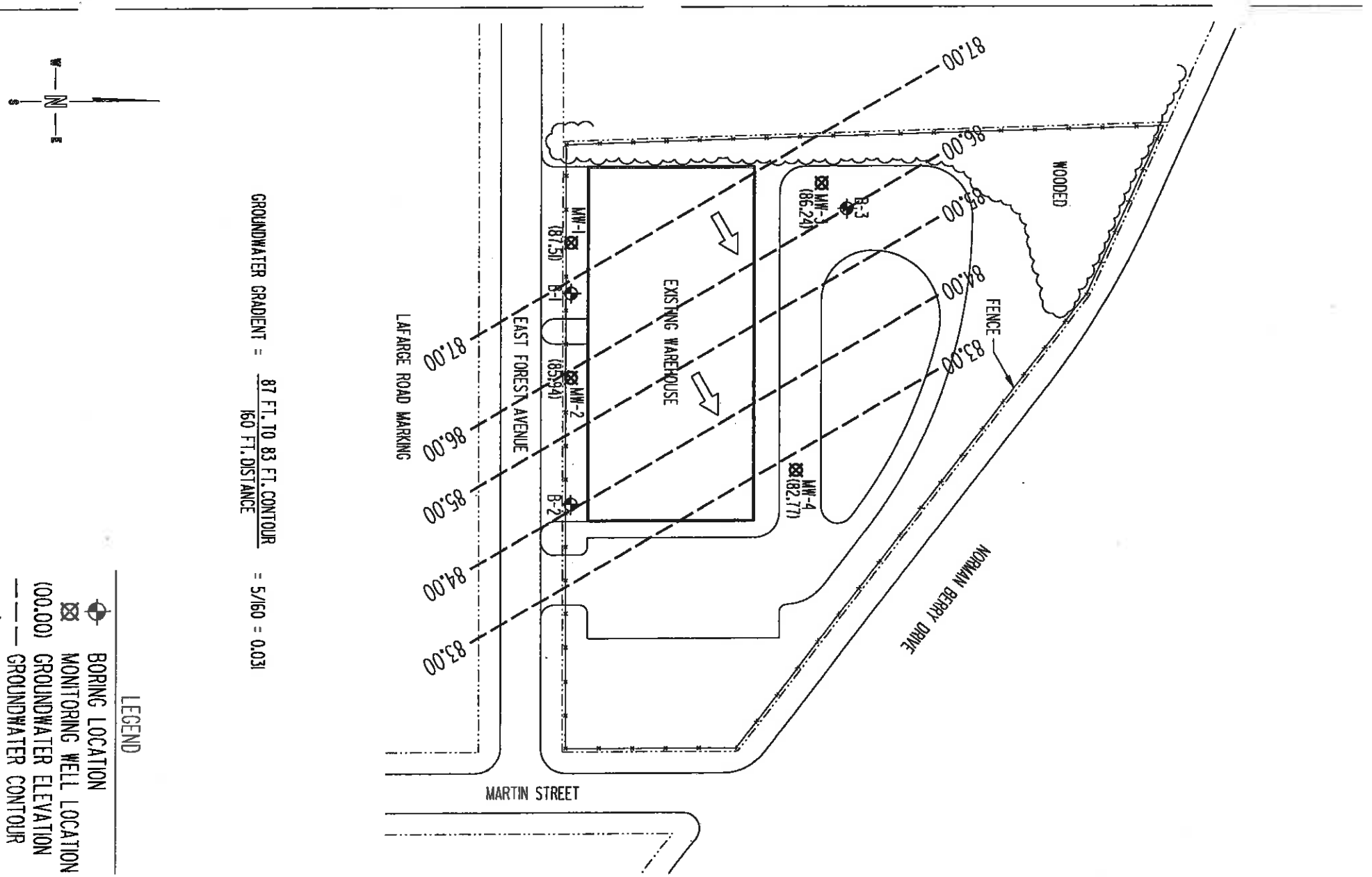
WEB SITE WWW.UNITEDCONSULTING.COM

SCALE: ±1" = 80'	DATE: 10-24-05	PROJECT NO: 2000.4227.06	REVISIONS:
PREPARED: VPV	CHECKED:		

CLIENT: KAIROS DEVELOPMENT CORPORATION



SCALE: ±1" = 80'	DATE: 10-24-05	PROJECT NO: 2000.4227.06	TITLE: GROUNDWATER POTENTIOMETRIC MAP ATWOOD CANVAS ATLANTA, FULTON COUNTY, GEORGIA
PREPARED: VPV	CHECKED:	REVISIONS:	
CLIENT: KAIROS DEVELOPMENT CORPORATION			

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FIG. 5

TABLES

TABLE 1: SUMMARY OF CONSTITUENTS IN SOIL SAMPLES

COC	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3	MW-4	MW-4	NC
DEPTH (FT)	5	10	5	7.5	5	10	5	10	
METALS (mg/kg)									
Arsenic	<4.49	<4.87	<4.25	<4.13	4.11	<4.13	<3.85	<3.31	41
Barium	73.9	84.2	40.8	36.2	47.7	69.7	179	193	500
Chromium	25.1	3.38	14.2	21.3	33.5	8.31	38.3	20.0	1,200
Lead	39.7	5.31	6.42	8.94	16.8	22.7	9.91	8.23	400
VOCS (ug/kg)									
Benzene	<3.8	<3.3	3.7	<2.9	<3.8	<3.6	<3.5	<3.3	20
Cis-1,2-dichloroethene	7.0	22	<3.4	<2.9	<3.8	<3.6	<3.5	<3.3	53
Isopropylbenzene	<3.8	<3.3	<3.4	<2.9	<3.8	<3.6	3.6	<3.3	21,880
Toluene	<3.8	<3.3	16	5.5	8.3	6.1	11	<3.3	14,400
VOCS by TCLP (ug/l)									
Benzene	-	-	<100	-	-	-	-	-	NA
Cis-1,2-dichloroethene	-	<100	-	-	-	-	-	-	NA
Isopropylbenzene	-	-	-	-	-	-	<100	-	NA
Toluene	-	-	<100	-	-	-	<100	-	NA
Other Parameters		-							
pH (su)	6.83	-	-	-	-	7.22	6.13	-	NA
Conductance (umhos/cm)	406	-	-	-	-	288	429	-	NA
Cation Exchange Capacity (meq/100g)	9.2	-	-	-	-	19	9.2	-	NA
Total organic carbon (mg/kg-dry)	2020	-	-	-	-	691	593	-	NA

Notes:
RCRA Metal and VOCs constituents not listed were below detection limits
NC: Notification Concentration
su: standard units
umhos/cm: micromhos per centimeter
meq/100g: milliequivalents per 100 grams
mg/kg: milligrams per kilogram
ug/kg: micrograms per kilogram
ug/l: micrograms per liter
- indicates no analyses performed

TABLE 2: SUMMARY OF CONSTITUENTS IN GROUNDWATER SAMPLES

COC	B-1	B-2	B-3	MW-1	MW-2	MW-3	MW-4	MCL
Date Collected	5.16.05	5.16.05	5.16.05	10.10.05	10.10.05	10.10.05	10.10.05	
METALS (mg/L)								
Barium	-	-	-	0.0449	0.100	0.0473	0.108	2,000
VOCS (ug/L)								
1,1-Dichloroethene	**14**	<5	<5	<5	<5	<5	<5	7
Benzene	**440**	<5	<5	**42**	<5	<5	<5	5
Chloroform	5	<5	<5	<5	<5	<5	<5	80
Cis-1,2-dichloroethene	**11000**	**120**	<5	**2600**	35	66	1100	210
Cyclohexane	19	<5	<5	<5	<5	110	<5	NA
Ethyl-benzene	<5	<5	7	<5	<5	67	<5	700
Isopropylbenzene	<5	<5	<5	<5	<5	18	<5	NA
Methylcyclohexane	14	<5	<5	<5	<5	240	<5	NA
trans-1,2-dichloroethene	**240**	<5	<5	<5	<5	<5	<5	100
Trichloroethene	**220**	**180**	<5	**29**	<5	<5	**110**	5
Vinyl chloride	**380**	<5	<5	**78**	<5	<5	**6.5**	2.5
Xylenes	6	<10	<10	<10	<10	<10	<10	22,000
PAH (ug/L)	BDL	BDL	BDL	-	-	-	-	NA

Notes:
RCRA Metal, VOCs, and PAH constituents not listed were below detection limits
BDL: below detection limits (detection limits listed on laboratory data in the appendix)
MCL: Maximum contaminant level, from HSRP Rules 391-3-19
NA: Not applicable
Bold numbers are greater than MCL
- indicates no analyses performed
mg/L is milligrams per liter and ug/L is micrograms per liter

TABLE 3 – CHEMICALS OF CONCERN (COC)

CHEMICALS OF CONCERN
METALS
Arsenic
Barium
Lead
Chromium
Mercury
VOCs
Acetone
Benzene
Chlorobenzene
Chloroform
Cis-1,2-dichloroethene
Cyclohexane1,1-dichloroethane
1,2-dichloroethane
1,1-dichloroethene
Ethylbenzene
Isopropyl benzene
Methyl ethyl ketone (2-butanone)
Methyl isobutyl ketone (4-methyl-2-pentanone)
Methylene chloride (dichloromethane)
Methyl-cyclohexane
Tetrachloroethene
1,1,2,2-tetrachloroethane
Trans-1,2-dichloroethene
Trichloroethene
1,1,1-trichloroethane
1,2,2-trichloroethane
Toluene
Vinyl chloride
Xylenes

TABLE 4: SOIL SCREENING MEASUREMENTS

Boring	Depth in Feet							
	5	6.5	8	9.5	10	10.5	15	20
B-1	3.8	-	-	-	5.8	-	21.4	76.8
B-2	ND	-	-	-	5.4	-	6.2	-
B-3	-	-	-	-	5.3	-	-	-
MW-1	ND	-	-	-	5.1	-	-	-
MW-2	ND	3.6	ND	ND	-	-	-	-
MW-3	5.4	-	-	-	6.1	-	-	-
MW-4	ND	ND	ND	4.9	-	7.2	-	-

Notes:
-: Not sampled
ND: None detected
Concentrations in parts per million (ppm)

TABLE 5: WELL CONSTRUCTION SUMMARY

Well No.	Bore Depth (feet)	Well Depth (feet)	Screen Interval (feet)	Open Interval (feet)	Seal Interval (feet)	Stick-up (feet)
MW-1	20	20	10-20	8-20	0-8	-0.05
MW-2	20	20	5-20	3-20	0-3	-0.33
MW-3	20	20	10-20	8-20	0-8	-0.09
MW-4	20	20	5-20	3-20	0-3	-0.24

Notes:
Well borehole diameter was 6.75 inches, nominal
Well pipe was two-inch in diameter polyvinyl chloride (PVC)
Well screen was number 10 (0.010-inch) slot size PVC
Well filter material was Ottawa sand
Well seal was granulated Bentonite
Stick-up refers to the ripe eight relative to the ground surface

TABLE 6 GROUNDWATER ELEVATIONS

(Data obtained on October 18, 2005)

Station	Top of Casing Elevation (feet)	Land Surface Elevation (feet)	Depth of Screen Interval (feet)	Static Groundwater Depth (feet)	Groundwater Elevation (feet)
MW-1	99.94	99.99	89.99	12.43	87.51
MW-2	93.68	94.01	89.01	7.74	85.94
MW-3	99.91	100.00	90.00	13.67	86.24
MW-4	88.51	88.75	83.75	5.74	82.77

Elevations are relative to MW-3 ground surface

TABLE 7: TYPE I SOIL RISK REDUCTION STANDARD CALCULATIONS

PARAMETERS	REF. DOSE	REF. DOSE	SLOPE FACTOR	SLOPE FACTOR	SOLUBILITY	(Di) MOLECULAR	(Dei) EFFECTIVE	(H) HENRY'S	Koc	Kd	α	VF	EQ. 6 PRG	EQ. 7 PRG	HSRP	MCL	TCLP	TYPE 1 RRS
	ORAL	INHILATION	(SFo) ORAL	(SFi) INHILATION		DIFFUSSIVITY	DIFFUSSIVITY	CONSTANT							NC	X 100		
CONSTITUENT	(mg/kg-d)	(mg/kg-d)	1/(mg/kg-d)	1/(mg/kg-d)	(mg/l-water)	(cm2/s)	(cm2/s)	(atm-m3/mol)	(cm3/g)	(cm3/g)	(cm2/s)	(m3/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/l)	(mg/kg)
RCRA METALS																		
Arsenic															41	1		20
Barium															500	200		1000
Chromium															1200	10		100
Lead (see notes)															400	1.5		75
Mercury															17	0.2		0.5
VOCs																		
Acetone	9.00E-01	NA	NA	NA	1000000	0.124	0.087668	1.62E-03	1.981	0.03962	2.23E-02	722.55	NA	NA	2.74	NA		2.74
Benzene	4.00E-03	8.57E-03	5.50E-02	2.73E-02	1790	0.088	0.062216	2.27E-01	165.5	3.31	2.26E-02	611.73	2.52E+00	2.53E+01	0.02	0.5	< 0.1	0.5
2-Butanone	6.00E-01	1.40E+00	NA	NA	223000	0.0808	0.0571256	2.97E-05	3.827	0.07654	1.84E-04	10627.23	NA	6.09E+04	0.79	NA		0.79
Chlorobenzene	2.00E-02	1.70E-02	NA	NA	472	0.073	0.051611	1.52E-01	219	4.38	1.16E-02	1042.42	NA	8.57E+01	4.18	10		10
Chloroform	1.00E-02	1.40E-02	NA	8.10E-02	7920	0.104	0.073528	1.50E-01	39.8	0.796	4.49E-02	265.44	NA	1.80E+01	0.68	NA		0.68
Cyclohexane	1.70E+00	1.70E+00	NA	NA	55	NA	NA	1.94E-01	165	3.3	NA	NA	NA	NA	20	NA		20
1,1-Dichloroethane	1.00E-01	1.40E-01	NA	NA	5060	0.0742	0.0524594	2.30E-01	31.6	0.632	3.94E-02	180.54	NA	1.23E+02	0.03	NA		0.03
1,2-Dichloroethane	2.00E-02	1.40E-03	9.10E-02	9.10E-02	8520	0.104	0.073528	4.01E-02	17.4	0.348	3.60E-02	388.70	4.84E-01	2.65E+00	0.02	0.5		0.5
1,1-Dichloroethene	5.00E-02	5.70E-02	NA	NA	2250	0.09	0.06363	1.07E+00	58.9	1.178	5.62E-02	71.18	NA	1.97E+01	0.36	0.7		0.7
cis-1,2 Dichloroethene	1.00E-02	1.00E-02	NA	NA	3500	0.0736	0.0520352	7.36E-03	43.79	0.8758	3.41E-03	2314.86	NA	1.11E+02	0.53	7	< 0.1	0.53*
trans-1,2-Dichloroethene	2.00E-02	2.00E-02	NA	NA	6300	0.0707	0.0499849	3.85E-01	52.5	1.05	3.77E-02	183.74	NA	1.79E+01	0.53	10		10
Ethyl-benzene	1.00E-01	2.86E-01	NA	3.85E-03	169	0.075	0.053025	3.22E-01	517.8	10.356	1.09E-02	1099.39	NA	1.49E+03	20	70		70
Isopropylbenzene	1.00E-01	1.10E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.40E+04	21.88	NA	< 0.1	21.88
Methylcyclohexane	8.60E-01	8.60E-01	NA	NA	14	0.0986	0.0697102	4.23E-01	268	5.36	2.77E-02	524.25	NA	2.19E+03	NA	NA		2190
4-Methyl-2-pentanone	8.00E-02	8.60E-01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3	NA		3.3
Methylene chloride	6.00E-02	8.60E-01	7.50E-03	1.60E-03	13000	0.101	0.071407	8.98E-02	11.7	0.234	5.44E-02	147.70	1.04E+01	6.08E+02	0.08	NA		0.08
Tetrachloroethene	1.00E-02	1.71E-01	5.40E-01	2.10E-02	206	0.072	0.050904	7.24E-01	106.8	2.136	3.76E-02	195.01	1.02E+00	1.58E+02	0.18	0.5		0.5
1,1,2,2-Tetrachloroethane	6.00E-02	6.00E-02	2.00E-01	2.00E-01	2970	0.071	0.050197	1.41E-02	93.3	1.866	2.97E-03	2494.56	1.39E+00	7.15E+02	0.13	NA		0.13
Trichloroethene	3.00E-04	1.00E-02	4.00E-01	4.00E-01	1280	0.079	0.055853	1.16E-02	67.7	1.354	3.71E-03	2215.79	6.19E-01	6.91E+01	0.13	5		0.5*
1,1,1-Trichloroethane	2.80E-01	6.30E-01	NA	NA	1330	0.078	0.055146	7.05E-01	110	2.2	4.01E-02	196.69	NA	6.01E+02	5.44	20		20
1,1,2-Trichloroethane	4.00E-03	4.00E-03	5.70E-02	5.60E-02	4420	0.078	0.055146	3.74E-02	50.1	1.002	1.31E-02	964.25	1.94E+00	1.86E+01	0.5	0.5		0.5
Toluene	2.00E-01	1.14E-01	NA	NA	526	0.087	0.061509	2.71E-01	268	5.36	1.82E-02	753.43	NA	4.17E+02	14.4	100	< 0.1	100
Vinyl chloride	3.00E-03	2.90E-02	1.50E+00	3.10E-02	2760	0.106	0.074942	1.11E+00	18.6	0.372	7.20E-02	20.83	7.57E-02	2.94E+00	0.04	0.2		0.076
Xylenes (Total)	2.00E-01	2.86E-02	NA	NA	106	0.0714	0.0504798	2.71E-01	443.1	8.862	1.02E-02	1138.11	NA	1.58E+02	20	1000		1000*

NOTES:

VOC is volatile organic compounds

HSRP NC is the notification concentration under the Hazardous Site Response Program (HSRP)

NA indicates values not available

Toxicity and chemical specific values from EPA Region 9 PRG table and other sources as ref. in the RRS section of the VCSR

RRSc Based on Equation 6 of RAGS, Volume I, Part B

RRSnc Based on Equation 7 of RAGS, Volume I, Part B

VF Based on Equation 8 of RAGS, Volume I, Part B

Type I RRS is highest of NC/MCL X 100/TCLP then the lowest of those/EQ. 6/EQ. 7 or from Table 2 of Appen. III for metals, except * concentrations, which were values verbally specified by EPD on 9/1/05 for previous submitted CSR relative to a separate regulated facility.

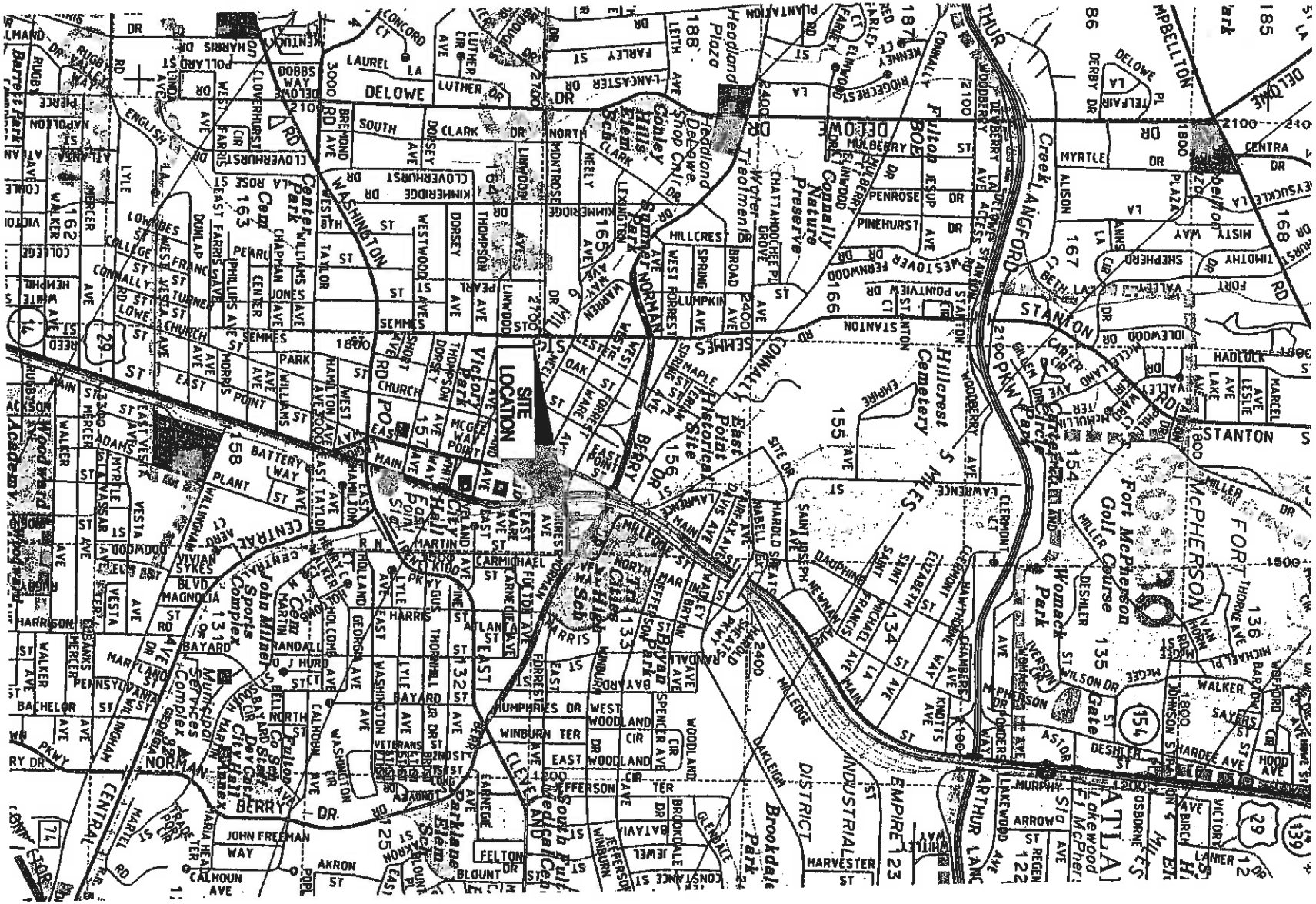
$$\text{EQ. 6/RRS}_c = \frac{\text{TR*BW*AT}_c\text{*365 days/yr}}{\text{EF*ED*[(CSF}_o\text{*10}^{-6}\text{kg/mg*IR}_a\text{)+(CSF}_i\text{*IR}_a\text{*[1/VF+1/PEF])}}$$

$$\text{EQ. 7/RRS}_{nc} = \frac{\text{THI*BW*ATnc*365 days/yr}}{\text{EF*ED*[(1/RfDo*10-6kg/mg*IRs)+(1/RfDi*IRa*[1/VF+1/PEF])}}$$

Residential Parameters	EQ. 6	EQ. 7	UNITS
CHEMICAL CONCENTRATION-C			
TARGET RISK-TR	1.00E-05	1.00E-05	Unitless
BODY WEIGHT-BW	70	70	KG
AVERAGING TIME-AT	70	30*	YEARS
EXPOSURE FREQUENCY-EF	350	350	D/Y
EXPOSURE DURATION-ED	30	30	YEARS
SOIL INGESTION RATE-IRs	114	114	MG/D
WORKDAY INHILATION RATE-IRa	15	15	M3/D
PARTICULATE EMISSION FACTOR-PEF	4.63E+09	4.63E+09	M3/KG
ORGANIC CARBON-OC	0.02	0.02	Unitless
SOIL MOISTURE CONTENT-NM	0.2	0.2	G/G
SOIL MOISTURE CONTENT-OM	0.2	0.2	LW/KGS

Parameters per HSRA, Table 3, Appendix III and RAGS, Volume I, Part B, except * value, which was verbally specified by EPD on 9/1/05

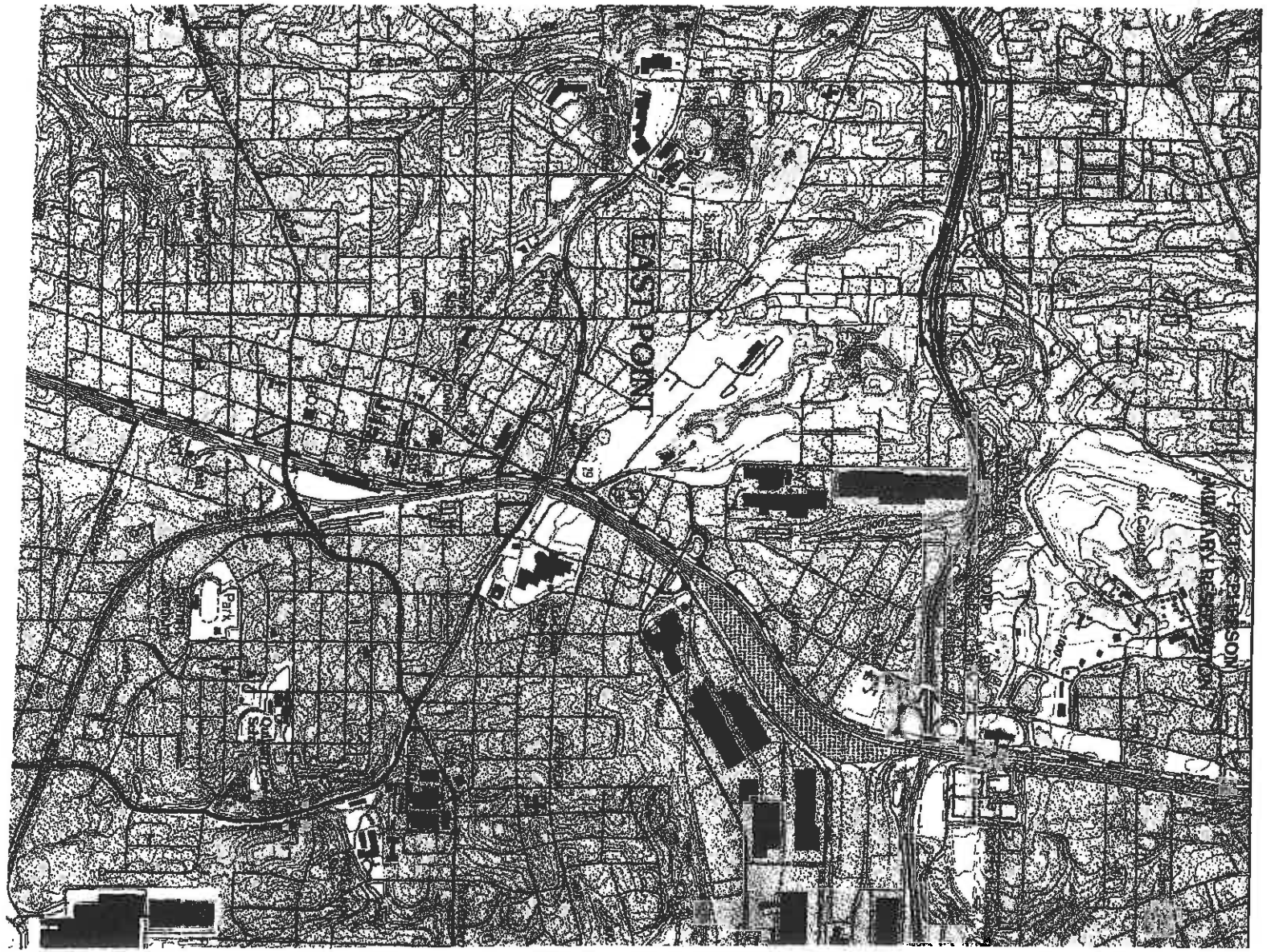
FIGURES



SCALE: 1" = 2000'	DATE: 10-24-05	PROJECT NO: 2000.4227.06	TITLE: SITE LOCATION MAP ATWOOD CANVAS ATLANTA, FULTON COUNTY, GEORGIA
PREPARED: KK	CHECKED:	REVISIONS:	
CLIENT: KAIROS DEVELOPMENT CORPORATION			

UNITED CONSULTING
770 – 209-0029 FAX 582-2900
E-MAIL ADDRESS UNITED@UNITEDCONSULTING.COM
WEB SITE WWW.UNITEDCONSULTING.COM

FIG. 1



SCALE: 1" = 2000'	DATE: 10-24-05	PROJECT NO: 2000.4227.06	TITLE: USGS SITE LOCATION MAP ATWOOD CANVAS ATLANTA, FULTON COUNTY, GEORGIA
PREPARED: KK	CHECKED:	REVISIONS:	
CLIENT: KAIROS DEVELOPMENT CORPORATION			

UNITED CONSULTING
770 - 209-0029 FAX 582-2900
E-MAIL ADDRESS UNITED@UNITEDCONSULTING.COM
WEB SITE WWW.UNITEDCONSULTING.COM

FIG. 2

APPENDIX A – Property Legal Description/Tax Map

EXHIBIT "A"

Issuing Office File No.: KAIROS DEVELOPMENT CORPORATION

All that tract or parcel of land lying and being in Land Lot 156, 14th District, Fulton County, Georgia, and being more particularly described as follows:

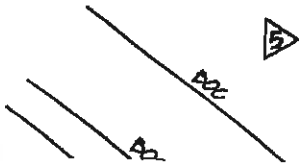
BEGINNING at the iron pin marking the point of intersection of the north line of Forrest avenue (a 40-foot street) with the west line of Martin Street (a 50-foot street), and running thence westerly along the north line of Forrest Avenue three hundred sixty-two and seventeen hundredths (362.17) feet to an iron pin corner; running thence north at an interior angle of ninety-one degrees forty-one minutes (91°41') with the north line of Forrest avenue three hundred sixty-one (361) feet to an iron pin located twenty-two and six tenths (22.6) feet south of the southwest line of Norman Berry Drive; running thence southeasterly at an interior angle of sixty-four degrees eight minutes (64°08') with said last mentioned line one hundred twelve and twenty-five hundredths (112.25) feet to an iron pin on the southwest line of Norman Berry Drive; running thence southeasterly along the southwest line of said Norman Berry Drive three hundred forty-two and twelve hundredths (342.12) feet to an iron pin at the southwest corner of Norman Berry Drive and Martin Street; running thence south along the west line of Martin Street one hundred five and three tenths (105.3) feet to Forrest Avenue at the point of beginning, being improved property having a four-story brick building located thereon known as No. 1526 Forrest Avenue (formerly No. 110 East Forrest Avenue) in the City of East Point, Georgia; said property being more particularly shown by plat of survey made for L. S. Brown Co. by J. B. Carey, Engineer, dated July 12, 1965.

MAGNETIC N

THIS PROPERTY IS SUBJECT TO THE FOLLOWING DEEDS, PLAT BOOKS, EASEMENTS, RESTRICTIONS, RIGHT-OF-WAYS AND CONDEMNATIONS OF RECORDS: (FULTON COUNTY, GA)
1. DB. 4646, PG. 338 2. DB. 4513, PG. 54-55 3. DB. 1754, PG. 454
4. DB. 2386, PG. 507 5. DB. 3330, PG. 96 6. DB. 1991 PG. 269
7. PLAT BOOK 38, PG. 74 8. PLAT BOOK 21, PG. 16
8. FULTON COUNTY CONDEMNATION CASE NO. A-81515

FOR VERIFICATION OF EXACT LOCATION OF DRAINAGE AND SEWER STRUCTURES, CONCTACT ENGINEERING DEPARTMET OF EAST POINT GA, FOR AS BUILT DRAINAGE AND SEWER MAP.

1. 105.30'
S 04 38' 48" W
2. 362.17'
N 85 50' 57" W
3. 361.11'
N 02 38' 48" E
4. 112.15'
S 61 33' 28" E
5. 342.05'
S 48 04' 03" E



I HAVE THIS DATE, EXAMINED THE "FIA FLOOD HAZARD MAP" AND FOUND IN MY OPINION REFERENCED PARCEL [redacted] (IS NOT) IN AN AREA HAVING SPECIAL FLOOD HAZARDS, WITHOUT AN ELEVATION CERTIFICATION SURVEYOR IS NOT RESPONSIBLE FOR ANY DAMAGE DUE ITS OPINION FOR SAID PARCEL

MAP ID _____ EFFECTIVE DATE: _____

ZONE: _____

LEGEND :

IPF	IRON PIN FOUND	POB	POINT OF BEGINNING
IPS	IRON PIN SET	LL	LAND LOT LINE
OTP	OPEN TOP PIPE FOUND	MH	MAN HOLE
CTP	CRIMP TOP PIPE FOUND	SSL	SANITARY SEWER LINE
RBF	REINFORCING BAR FOUND	CB	CATCH BASIN
CP	CALCULATED POINT	HW	HEAD WALL
-X-X	FENCE	PP	POWER POLE
FC	FENCE CORNER	SP	SERVICE POLE
CLF	CHAIN LINK FENCE	SSE	SANITARY SEWER EASEMENT
WDF	WOOD FENCE	DE	DRAINAGE EASEMENT
WRF	WIRE FENCE	UE	UTILITY EASEMENT
BL	BUILDING LINE	CMP	CORRUGATED METAL PIPE
R/W	RIGHT-OF-WAY	RCP	REINFORCED CONC. PIPE
PL	PROPERTY LINE	APP	AS PER PLAT
P	PLAT	OU	OWNERSHIP UNCLEAR
F	FIELD	N	N'BORS.
D	DEED	W	WATER LINE
		VW	WATER VALVE
		SV	SPRINKLER VALVE
		GM	GAS METER
		BOC	BACK OF CURB

GENERAL NOTES:
1. THIS DRAWING IS THE SOLE PROPERTY OF SURVEY SYSTEMS & ASSOC, INC. ANY UNAUTHORIZED USE FOR REPRODUCTION AND/OR RECERTIFICATION TO A DIFFERENT PARTY IS PROHIBITED WITHOUT THE EXPRESS WRITTEN CONSENT OF SURVEY SYSTEMS & ASSOC, INC.
2. SURVEY SYSTEMS & ASSOC, INC. ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF ANY AND ALL [illegible]

2.05 AC SCALE 1" = 60'

PLAT PREPARED FOR:

TRUSS-TECH INDUSTRIES, INC.

LOT	BLOCK	UNIT
SUBDIVISION		
LAND LOT 156	14TH DISTRICT	SECTION
FULTON COUNTY, GEORGIA		DATE DECEMBER 30, 2000
PLAT BOOK ,PAGE DEED BOOK ,PAGE		ALL MATTERS PERTAINING TO TITLE ARE EXCEPTED

GEORGIA REGISTERED No. 2383 PROFESSIONAL LAND SURVEYOR E.G. DAVIS

IN MY OPINION, THIS PLAT IS A CORRECT REPRESENTATION OF THE LAND PLATTED AND HAS BEEN PREPARED IN CONFORMITY WITH THE MINIMUM STANDARDS AND REQUIREMENTS OF LAW.

THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE OF 1 FOOT IN 100,000+ FEET, AN ANGULAR ERROR OF 03 SECONDS PER ANGLE POINT AND WAS ADJUSTED USING THE LEAST SQUARES METHOD. THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND FOUND TO BE ACCURATE TO 1 FOOT IN 10,000+ FEET. AN ELECTRONIC TOTAL STATION AND A 100' CHAIN WERE USED TO GATHER THE INFORMATION USED IN THE PREPARATION OF THIS PLAT. NO STATE PLANE COORDINATE MONUMENT FOUND WITHIN 500' OF THIS PROPERTY.

SURVEY SYSTEMS & ASSOC., INC.
P.O. BOX 8688
ATLANTA GA. 31106-0688
FAX (404)760-0011
PHONE (404)760-0010

JOB NUMBER 32-24400 SJ

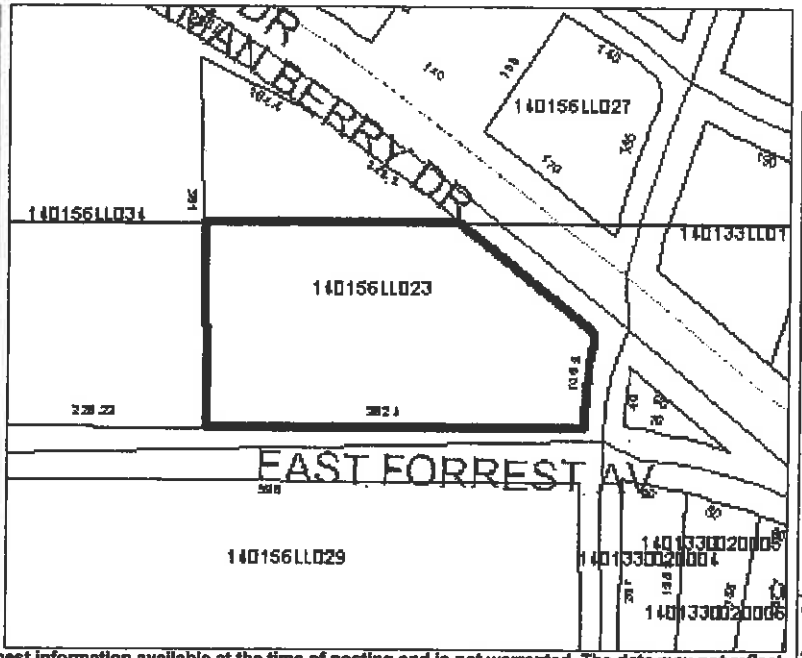
TAX YEAR	2004
PIN	14 -0156- LL-023-6
OWNER NAME	TRUSS TECH REALTY LLC
PROPERTY LOCATION	1526 EAST FORREST AVE
NEIGHBORHOOD	C9118
TOTAL ACREAGE	
TOTAL LAND SQUARE FOOTAGE	84700
LIVING AREA SQUARE FOOTAGE	
LAND VALUE	$169,400
IMPROVEMENT VALUE	$428,200
TOTAL VALUE	$597,600

Sorry, no sketch available for this record

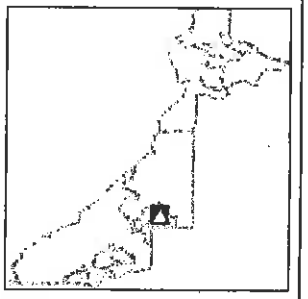
FULTON COUNTY
BOARD OF ASSESSORS

FULTON COUNTY

141 Pryor Street
Suite 1056
Atlanta, GA 30303
Phone: (404) 730-6440
Fax: (404) 224-0417



KEY MAP



eGovernment Solutions by
Akanda Solutions LLC
www.akanda.com

APPENDIX B –Boring/Monitoring Well Logs

UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GEORGIA 30071
(770)209-0029, FAX (770)582-2800

BORING LOG

CONTRACTED WITH: KAIROS DEVELOPMENT CORP. BORING NO.: B-1
PROJECT NAME: ATWOOD CANVAS DATE: 05/16/05
JOB NO.: 2000.4227-03 DRILLER: BILL RIG: CME-55 LOGGED BY: DAVE

ELEV.	DESCRIPTION	DEPTH in FEET	SAMPLES NO.	TYPE	BLOWS/6"	RECOV.	W%	NOTES
	2" - ASPHALT/6" - GAB	0						
	Silt-some sand; brown (Fill)							
	Silt-some sand and clay; stiff; orangish brown (Residual)	5	1		4-5-5	18		OVM = 3.8 PPM
	Sand-some silt; stiff; brown	10	2		4-5-5	18		OVM = 5.8 PPM
	-silty; very stiff; dark brown	▽ 15	3		6-8-9	18		OVM = 21.4 PPM Groundwater encountered at 14' at time of boring
		20	4		13-15-15	18		OVM = 76.8 PPM
		25						
	BORING TERMINATED AT 25'							
		30						
		35						
		40						

UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GEORGIA 30071
(770)209-0029, FAX (770)582-2800

BORING LOG

CONTRACTED WITH: KAIROS DEVELOPMENT CORP. BORING NO.: B-2
PROJECT NAME: ATWOOD CANVAS DATE: 05/16/05
JOB NO.: 2000.4227-03 DRILLER: BILL RIG: CME-55 LOGGED BY: DAVE

ELEV.	DESCRIPTION	DEPTH in FEET	SAMPLES NO.	TYPE	BLOWS/6"	RECOV.	W%	NOTES
	1" - ASPHALT/3" - GAB	0						
	Silt-some sand and clay; brown (Fill)							
	Sand-some silt and clay; Residual)							
		5	1		W.O.H.-1	18		-Wet and Reduced. OVM = ND
		10	2		5-2-2	16		OVM = 5.4 PPM
	Silt-some sand; medium; brown	15	3		3-3-5	18		OVM = 6.2 PPM
		▽						Groundwater encountered at 16' at time of boring
		20						
		25						
	BORING TERMINATED AT 25'							
		30						
		35						
		40						W.O.H. - Weight of Hammer ND - Non Detect

UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GEORGIA 30071
(770)209-0029, FAX (770)582-2800

BORING LOG

CONTRACTED WITH: KAIROS DEVELOPMENT CORP. BORING NO.: B-3
PROJECT NAME: ATWOOD CANVAS DATE: 05/16/05
JOB NO.: 2000.4227-03 DRILLER: BILL RIG: CME-55 LOGGED BY: DAVE

ELEV.	DESCRIPTION	DEPTH in FEET	SAMPLES NO.	TYPE	BLOWS/6"	RECOV.	W%	NOTES
	2" - ASPHALT/6" - GAB	0						
	Bricks mixed with soil (Fill)							
		5						
		10	1		3-2-4	14		OVM = 5.3 PPM
	Sand-silty, trace clay; orangish-tan (Residual)							
		15 ▽	2		2-2-2	0		-No Recovery Groundwater encountered at 15' at time of boring
		20	3		3-2-2	0		-No Recovery
		25						
	BORING TERMINATED AT 25'							
		30						
		35						
		40						

UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GEORGIA 30071
770 - 209-0029 FAX 582-2900

WELL/PIEZOMETER LOG

CLIENT: KAIROS DEVELOPMENT CORPORATION
ROJECT NAME: ATWOOD CANVAS
PROJECT NUMBER: 2000.4227.06
DRILLED BY: BILL
LOGGED BY: KALEN

	DATE	TIME
STARTED:	10-7-05	10:00
COMPLETED:	10-7-05	11:30
DEVELOPED:	10-10-05	9:00

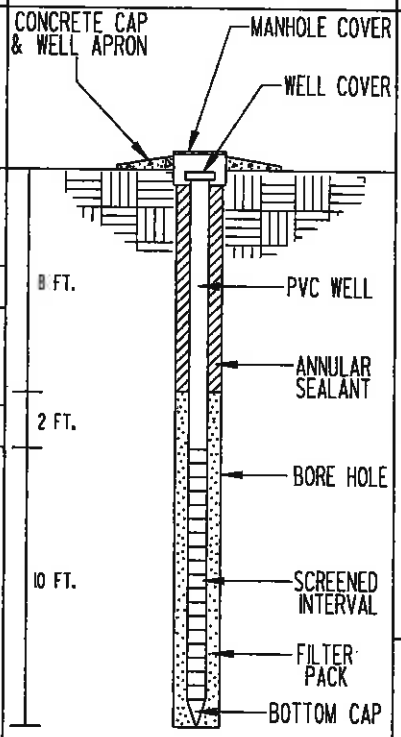
STATIC GROUNDWATER DEPTH:

WELL NO.: MW-1
LOCATION:

ELEVATION (G.S.): 99.99
ELEVATION (T.O.C.): 99.94

ELEV. (FEET)	DESCRIPTION	SAMPLES DEPTH (FEET)	BLOWS/6"	RECOV.	OVM (ppm)
	CONCRETE				
	SAND; SILTY; BROWNISH-ORANGE (FILL)	0			
	SAND; SOME SILT; BROWNISH-ORANGE (RESIDUAL)	5	5-6-7		ND
	SAND; SILTY; TAN	10	6-7-8		5.1
	BORING TERMINATED AT 20'	20			
		25			
		30			
		35			
		40			
		45			

SKETCH



WELL INFORMATION

RISER HEIGHT FROM GROUND SURFACE: -0.05 FEET
SIZE/THICKNESS OF APRON: 2 FEET X 2 FEET
ANNULAR SEALANT: BENTONITE
FILTER: OTTOWA SAND
PVC WELL DIAMETER: 2 INCHES
BORE HOLE DIAMETER: 6¾ INCHES
TOP OF SCREEN: 10 FEET
SCREEN LENGTH: 10 FEET
SCREEN SLOT SIZE: 0.010 INCH
BOTTOM OF SCREEN: 20 FEET
BOTTOM OF WELL: 20 FEET

NOTES

ND - NON DETECT

24-HOUR GROUNDWATER LEVEL 12.43'
GROUNDWATER LEVEL AFTER DEVELOPMENT:
GROUNDWATER LEVEL AT TIME OF DRILLING: 16'

UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GEORGIA 30071
770 - 209-0029 FAX 582-2900

WELL/PIEZOMETER LOG

CLIENT: KAIROS DEVELOPMENT CORPORATION
PROJECT NAME: ATWOOD CANVAS
PROJECT NUMBER: 2000.4227.06
DRILLED BY: BILL
LOGGED BY: KALEN

	DATE	TIME
STARTED:	10-7-05	11:30
COMPLETED:	10-7-05	13:00
DEVELOPED:	10-10-05	10:00

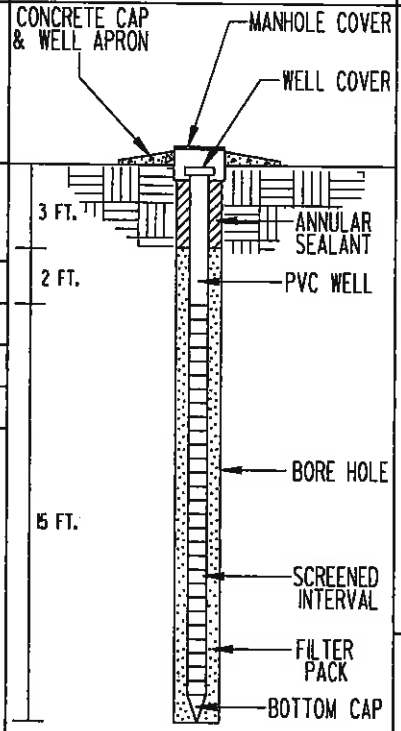
STATIC GROUNDWATER DEPTH:

WELL NO.: MW-2
LOCATION:

ELEVATION (G.S.): 94.01
ELEVATION (T.O.C.): 93.68

ELEV. (FEET)	DESCRIPTION	SAMPLES DEPTH (FEET)	BLOWS/6"	RECOV.	OVM (ppm)
	2" ASPHALT/4" GAB	0			
	SAND; SILTY; BROWNISH-ORANGE (FILL)				
	SAND; SILTY; TAN (RESIDUAL)	5	3-3-4	15"	ND
			2-3-4	6"	3.6
		10	6-7-8	16"	ND
			4-5-5	12"	ND
		15			
	BORING TERMINATED AT 20'	20			
		25			
		30			
		35			
		40			
		45			

SKETCH



WELL INFORMATION

RISER HEIGHT FROM GROUND SURFACE: -0.33 FEET
SIZE/THICKNESS OF APRON: 2 FEET X 2 FEET
ANNULAR SEALANT: BENTONITE
FILTER: OTTOWA SAND
PVC WELL DIAMETER: 2 INCHES
BORE HOLE DIAMETER: 6¾ INCHES
TOP OF SCREEN: 5 FEET
SCREEN LENGTH: 15 FEET
SCREEN SLOT SIZE: 0.010 INCH
BOTTOM OF SCREEN: 20 FEET
BOTTOM OF WELL: 20 FEET

NOTES

ND - NON DETECT

▼ 24-HOUR GROUNDWATER LEVEL 7.74'
▼ GROUNDWATER LEVEL AFTER DEVELOPMENT:
▽ GROUNDWATER LEVEL AT TIME OF DRILLING: 12'

UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GEORGIA 30071
770 - 209-0029 FAX 582-2900

WELL/PIEZOMETER LOG

CLIENT: KAIROS DEVELOPMENT CORPORATION
PROJECT NAME: ATWOOD CANVAS
PROJECT NUMBER: 2000.4227.06
DRILLED BY: BILL
LOGGED BY: KALEN

	DATE	TIME
STARTED:	10-7-05	13:00
COMPLETED:	10-7-05	14:30
DEVELOPED:	10-10-05	11:00

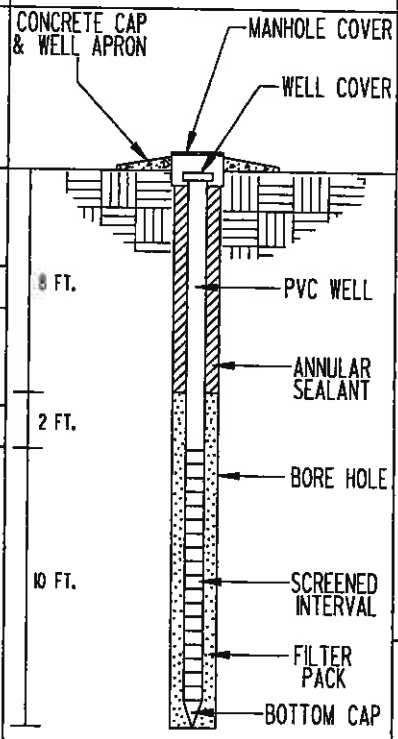
STATIC GROUNDWATER DEPTH:

WELL NO.: MW-3
LOCATION:

ELEVATION (G.S.): 100.00
ELEVATION (T.O.C.): 99.91

ELEV. (FEET)	DESCRIPTION	SAMPLES DEPTH (FEET)	BLOWS/6"	RECOV.	OVM (ppm)
	6" GRAVEL				
	SAND; SOME SILT; BLACK WITH ORGANIC DEBRIS (FILL)				
	SAND; SOME SILT; BROWNISH-ORANGE (RESIDUAL)	3-4-3	6"	5.4	
		2-3-4	6"	6.1	
	SAND; SILTY; GRAY				
	BORING TERMINATED AT 20'				

SKETCH



WELL INFORMATION

RISER HEIGHT FROM GROUND SURFACE: -0.09 FEET
SIZE/THICKNESS OF APRON: 2 FEET X 2 FEET
ANNULAR SEALANT: BENTONITE
FILTER: OTTOWA SAND
PVC WELL DIAMETER: 2 INCHES
BORE HOLE DIAMETER: 6¾ INCHES
TOP OF SCREEN: 10 FEET
SCREEN LENGTH: 10 FEET
SCREEN SLOT SIZE: 0.010 INCH
BOTTOM OF SCREEN: 20 FEET
BOTTOM OF WELL: 20 FEET

NOTES

ND - NON DETECT

▼ 24-HOUR GROUNDWATER LEVEL 13.67'
▼ GROUNDWATER LEVEL AFTER DEVELOPMENT:
▽ GROUNDWATER LEVEL AT TIME OF DRILLING: 16'

UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GEORGIA 30071
770 - 209-0029 FAX 582-2900

WELL/PIEZOMETER LOG

CLIENT: KAIROS DEVELOPMENT CORPORATION
ROJECT NAME: ATWOOD CANVAS
PROJECT NUMBER: 2000.4227.06
DRILLED BY: BILL
LOGGED BY: KALEN

	DATE	TIME
STARTED:	10-7-05	14:30
COMPLETED:	10-7-05	16:00
DEVELOPED:	10-10-05	12:00

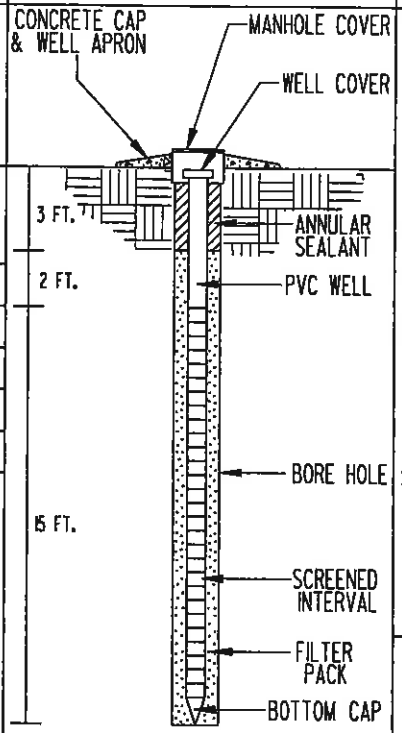
STATIC GROUNDWATER DEPTH:

WELL NO.: MW-4
LOCATION:

ELEVATION (G.S.): 88.75
ELEVATION (T.O.C.): 88.51

ELEV. (FEET)	DESCRIPTION	SAMPLES DEPTH (FEET)	BLOWS/6"	RECOV.	OVM (ppm)
	SAND; SOME SILT; BROWNISH-ORANGE (FILL)	0			
	SAND; SOME SILT; LIGHT BROWN (RESIDUAL)	5	3-4-4	0	ND
			4-5-5	16"	ND
		10	6-7-8		5.7
			3-5-5	14"	4.9
			4-5-4	12"	7.2
	BORING TERMINATED AT 20'	20			
		25			
		30			
		35			
		40			
		45			

SKETCH



WELL INFORMATION

RISER HEIGHT FROM GROUND SURFACE: -0.24 FEET
SIZE/THICKNESS OF APRON: 2 FEET X 2 FEET
ANNULAR SEALANT: BENTONITE
FILTER: OTTOWA SAND
PVC WELL DIAMETER: 2 INCHES
BORE HOLE DIAMETER: 6¾ INCHES
TOP OF SCREEN: 5 FEET
SCREEN LENGTH: 15 FEET
SCREEN SLOT SIZE: 0.010 INCH
BOTTOM OF SCREEN: 20 FEET
BOTTOM OF WELL: 20 FEET

NOTES

ND - NON DETECT

24-HOUR GROUNDWATER LEVEL 5.74'
GROUNDWATER LEVEL AFTER DEVELOPMENT:
GROUNDWATER LEVEL AT TIME OF DRILLING: 8'

APPENDIX C –Analytical Testing Results

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 26, 2005

Kalen Kramer
United Consulting Group Inc.
625 Holcomb Bridge Rd
Norcross, GA 30071

TEL: (770) 582-2833
FAX (770) 582-2900

RE: Attwood Canvas

Order No.: 0505848

Dear Kalen Kramer:

Analytical Environmental Services, Inc. received 10 samples on 5/16/2005 3:50:00 PM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/04-04/30/05.
-AIHA Certification number 505 for analysis of Industrial Hygiene samples (Organics, Inorganics), Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 21 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

J. Trichinotis

James Trichinotis
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3... Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work O... 05058 48

Date: _____ Page _____ of _____

COMPANY: WINES CONSULTING

ADDRESS: 625 Holcomb Br. Rd. Norcross, GA 30071

PHONE: 770.582.2833

FAX: 770.582.2900

SAMPLED BY: Kalen Kamal

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC	PAH	REMARKS	No # of Containers
1	B-1	5-16-05	10:30	X		GW	+	+		4
2	B-2	"	11:30	X		GW	+	+		4
3	B-3	"	1:30	X		GW	+	+		4
4	TRIP BLANK					W	+			2
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

PRESERVATION (See codes)

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	5.16.05 3:50	1: Amel Hadi	5/16/05 3:50
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA.

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: ATTWOOD CANVAS

PROJECT #:

SITE ADDRESS:

SEND REPORT TO: KALEN

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 14

Turnaround Time Request

- (✓) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Date: *26-May-05*

CLIENT: United Consulting Group Inc.
Lab Order: 0505848
Project: Attwood Canvas
Lab ID: 0505848-001

Client Sample ID: B-1
Collection Date: 5/16/2005 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
POLYAROMATIC HYDROCARBONS		**SW8270C**			**(SW3535)**		Analyst: **EP**
Naphthalene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Acenaphthylene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
1-Methylnaphthalene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
2-Methylnaphthalene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Acenaphthene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Fluorene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Phenanthrene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Anthracene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Pyrene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Benz(a)anthracene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Chrysene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Benzo(b)fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Benzo(k)fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Benzo(a)pyrene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Dibenz(a,h)anthracene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Benzo(g,h,i)perylene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Indeno(1,2,3-cd)pyrene	BRL	10		µg/L	57900	1	5/17/2005 3:53:00 PM
Surr: Nitrobenzene-d5	83.1	26.3-132		%REC	57900	1	5/17/2005 3:53:00 PM
Surr: 2-Fluorobiphenyl	79.0	46.6-117		%REC	57900	1	5/17/2005 3:53:00 PM
Surr: 4-Terphenyl-d14	102	34-135		%REC	57900	1	5/17/2005 3:53:00 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,1,2-Trichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,1-Dichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,1-Dichloroethene	14	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,2-Dibromoethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,2-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,2-Dichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,2-Dichloropropane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,3-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
1,4-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 AM
2-Butanone	BRL	50		µg/L	58059	1	5/20/2005 10:46:00 AM
2-Hexanone	BRL	10		µg/L	58059	1	5/20/2005 10:46:00 AM
4-Methyl-2-pentanone	BRL	10		µg/L	58059	1	5/20/2005 10:46:00 AM
Acetone	BRL	50		µg/L	58059	1	5/20/2005 10:46:00 AM
Benzene	440	50		µg/L	58059	10	5/20/2005 2:39:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *26-May-05*

CLIENT: United Consulting Group Inc.
Lab Order: 0505848
Project: Attwood Canvas
Lab ID: 0505848-001

Client Sample ID: B-1
Collection Date: 5/16/2005 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
Bromodichloromethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Bromoform	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Bromomethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Carbon disulfide	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Carbon tetrachloride	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Chlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Chloroethane	BRL	10		µg/L	58059	1	5/20/2005 10:46:00 A
Chloroform	5.0	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Chloromethane	BRL	10		µg/L	58059	1	5/20/2005 10:46:00 A
cis-1,2-Dichloroethene	11000	2500		µg/L	58059	500	5/20/2005 2:13:00 PM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Cyclohexane	19	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Dibromochloromethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Dichlorodifluoromethane	BRL	10		µg/L	58059	1	5/20/2005 10:46:00 A
Ethylbenzene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Freon-113	BRL	10		µg/L	58059	1	5/20/2005 10:46:00 A
Isopropylbenzene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
m,p-Xylene	BRL	10		µg/L	58059	1	5/20/2005 10:46:00 A
Methyl acetate	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Methyl tert-butyl ether	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Methylcyclohexane	14	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Methylene chloride	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
o-Xylene	5.6	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Styrene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Tetrachloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Toluene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
trans-1,2-Dichloroethene	240	50		µg/L	58059	10	5/20/2005 2:39:00 PM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Trichloroethene	220	50		µg/L	58059	10	5/20/2005 2:39:00 PM
Trichlorofluoromethane	BRL	5.0		µg/L	58059	1	5/20/2005 10:46:00 A
Vinyl chloride	380	20		µg/L	58059	10	5/20/2005 2:39:00 PM
Surr: 4-Bromofluorobenzene	88.8	66.7-128		%REC	58059	500	5/20/2005 2:13:00 PM
Surr: 4-Bromofluorobenzene	90.8	66.7-128		%REC	58059	1	5/20/2005 10:46:00 A
Surr: 4-Bromofluorobenzene	91.8	66.7-128		%REC	58059	10	5/20/2005 2:39:00 PM
Surr: Dibromofluoromethane	80.8	72.1-121		%REC	58059	10	5/20/2005 2:39:00 PM
Surr: Dibromofluoromethane	78.9	72.1-121		%REC	58059	500	5/20/2005 2:13:00 PM
Surr: Dibromofluoromethane	79.8	72.1-121		%REC	58059	1	5/20/2005 10:46:00 A
Surr: Toluene-d8	88.9	75.2-121		%REC	58059	500	5/20/2005 2:13:00 PM
Surr: Toluene-d8	86.3	75.2-121		%REC	58059	10	5/20/2005 2:39:00 PM
Surr: Toluene-d8	85.1	75.2-121		%REC	58059	1	5/20/2005 10:46:00 A

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *26-May-05*

CLIENT: United Consulting Group Inc.
Lab Order: 0505848
Project: Attwood Canvas
Lab ID: 0505848-002

Client Sample ID: B-2
Collection Date: 5/16/2005 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
POLYAROMATIC HYDROCARBONS		**SW8270C**			**(SW3535)**		Analyst: **EP**
Naphthalene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Acenaphthylene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
1-Methylnaphthalene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
2-Methylnaphthalene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Acenaphthene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Fluorene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Phenanthrene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Anthracene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Pyrene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Benz(a)anthracene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Chrysene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Benzo(b)fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Benzo(k)fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Benzo(a)pyrene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Dibenz(a,h)anthracene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Benzo(g,h,i)perylene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Indeno(1,2,3-cd)pyrene	BRL	10		µg/L	57900	1	5/17/2005 4:25:00 PM
Surr: Nitrobenzene-d5	80.8	26.3-132		%REC	57900	1	5/17/2005 4:25:00 PM
Surr: 2-Fluorobiphenyl	73.5	46.6-117		%REC	57900	1	5/17/2005 4:25:00 PM
Surr: 4-Terphenyl-d14	96.6	34-135		%REC	57900	1	5/17/2005 4:25:00 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,1,2-Trichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,1-Dichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,2-Dibromoethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,2-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,2-Dichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,2-Dichloropropane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,3-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
1,4-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
2-Butanone	BRL	50		µg/L	58059	1	5/20/2005 1:20:00 PM
2-Hexanone	BRL	10		µg/L	58059	1	5/20/2005 1:20:00 PM
4-Methyl-2-pentanone	BRL	10		µg/L	58059	1	5/20/2005 1:20:00 PM
Acetone	BRL	50		µg/L	58059	1	5/20/2005 1:20:00 PM
Benzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *26-May-05*

CLIENT: United Consulting Group Inc.
Lab Order: 0505848
Project: Attwood Canvas
Lab ID: 0505848-002

Client Sample ID: B-2
Collection Date: 5/16/2005 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
Bromodichloromethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Bromoform	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Bromomethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Carbon disulfide	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Carbon tetrachloride	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Chlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Chloroethane	BRL	10		µg/L	58059	1	5/20/2005 1:20:00 PM
Chloroform	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Chloromethane	BRL	10		µg/L	58059	1	5/20/2005 1:20:00 PM
cis-1,2-Dichloroethene	120	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Cyclohexane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Dibromochloromethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Dichlorodifluoromethane	BRL	10		µg/L	58059	1	5/20/2005 1:20:00 PM
Ethylbenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Freon-113	BRL	10		µg/L	58059	1	5/20/2005 1:20:00 PM
Isopropylbenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
m,p-Xylene	BRL	10		µg/L	58059	1	5/20/2005 1:20:00 PM
Methyl acetate	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Methyl tert-butyl ether	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Methylcyclohexane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Methylene chloride	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
o-Xylene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Styrene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Tetrachloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Toluene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Trichloroethene	180	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Trichlorofluoromethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Vinyl chloride	BRL	2.0		µg/L	58059	1	5/20/2005 1:20:00 PM
Surr: 4-Bromofluorobenzene	88.1	66.7-128		%REC	58059	1	5/20/2005 1:20:00 PM
Surr: Dibromofluoromethane	81.3	72.1-121		%REC	58059	1	5/20/2005 1:20:00 PM
Surr: Toluene-d8	89.1	75.2-121		%REC	58059	1	5/20/2005 1:20:00 PM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *26-May-05*

CLIENT: United Consulting Group Inc.
Lab Order: 0505848
Project: Attwood Canvas
Lab ID: 0505848-003

Client Sample ID: B-3
Collection Date: 5/16/2005 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
POLYAROMATIC HYDROCARBONS		**SW8270C**			**(SW3535)**		Analyst: **EP**
Naphthalene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Acenaphthylene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
1-Methylnaphthalene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
2-Methylnaphthalene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Acenaphthene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Fluorene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Phenanthrene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Anthracene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Pyrene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Benz(a)anthracene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Chrysene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Benzo(b)fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Benzo(k)fluoranthene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Benzo(a)pyrene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Dibenz(a,h)anthracene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Benzo(g,h,i)perylene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Indeno(1,2,3-cd)pyrene	BRL	10		µg/L	57900	1	5/17/2005 4:57:00 PM
Surr: Nitrobenzene-d5	88.2	26.3-132		%REC	57900	1	5/17/2005 4:57:00 PM
Surr: 2-Fluorobiphenyl	80.4	46.6-117		%REC	57900	1	5/17/2005 4:57:00 PM
Surr: 4-Terphenyl-d14	103	34-135		%REC	57900	1	5/17/2005 4:57:00 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,1,2-Trichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,1-Dichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,2-Dibromoethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,2-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,2-Dichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,2-Dichloropropane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,3-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
1,4-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
2-Butanone	BRL	50		µg/L	58059	1	5/20/2005 1:46:00 PM
2-Hexanone	BRL	10		µg/L	58059	1	5/20/2005 1:46:00 PM
4-Methyl-2-pentanone	BRL	10		µg/L	58059	1	5/20/2005 1:46:00 PM
Acetone	BRL	50		µg/L	58059	1	5/20/2005 1:46:00 PM
Benzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *26-May-05*

CLIENT: United Consulting Group Inc.
Lab Order: 0505848
Project: Attwood Canvas
Lab ID: 0505848-003

Client Sample ID: B-3
Collection Date: 5/16/2005 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
Bromodichloromethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Bromoform	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Bromomethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Carbon disulfide	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Carbon tetrachloride	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Chlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Chloroethane	BRL	10		µg/L	58059	1	5/20/2005 1:46:00 PM
Chloroform	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Chloromethane	BRL	10		µg/L	58059	1	5/20/2005 1:46:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Cyclohexane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Dibromochloromethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Dichlorodifluoromethane	BRL	10		µg/L	58059	1	5/20/2005 1:46:00 PM
Ethylbenzene	7.2	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Freon-113	BRL	10		µg/L	58059	1	5/20/2005 1:46:00 PM
Isopropylbenzene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
m,p-Xylene	BRL	10		µg/L	58059	1	5/20/2005 1:46:00 PM
Methyl acetate	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Methyl tert-butyl ether	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Methylcyclohexane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Methylene chloride	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
o-Xylene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Styrene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Tetrachloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Toluene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Trichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Trichlorofluoromethane	BRL	5.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Vinyl chloride	BRL	2.0		µg/L	58059	1	5/20/2005 1:46:00 PM
Surr: 4-Bromofluorobenzene	91.1	66.7-128		%REC	58059	1	5/20/2005 1:46:00 PM
Surr: Dibromofluoromethane	79.4	72.1-121		%REC	58059	1	5/20/2005 1:46:00 PM
Surr: Toluene-d8	88.0	75.2-121		%REC	58059	1	5/20/2005 1:46:00 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *26-May-05*

CLIENT: United Consulting Group Inc.
Lab Order: 0505848
Project: Attwood Canvas
Lab ID: 0505848-004

Client Sample ID: TRIP BLANK
Collection Date: 5/16/2005
Matrix: WATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,1,2-Trichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,1-Dichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,1-Dichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,2-Dibromoethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,2-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,2-Dichloroethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,2-Dichloropropane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,3-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
1,4-Dichlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
2-Butanone	BRL	50		µg/L	58059	1	5/20/2005 9:28:00 AM
2-Hexanone	BRL	10		µg/L	58059	1	5/20/2005 9:28:00 AM
4-Methyl-2-pentanone	BRL	10		µg/L	58059	1	5/20/2005 9:28:00 AM
Acetone	BRL	50		µg/L	58059	1	5/20/2005 9:28:00 AM
Benzene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Bromodichloromethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Bromoform	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Bromomethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Carbon disulfide	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Carbon tetrachloride	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Chlorobenzene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Chloroethane	BRL	10		µg/L	58059	1	5/20/2005 9:28:00 AM
Chloroform	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Chloromethane	BRL	10		µg/L	58059	1	5/20/2005 9:28:00 AM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Cyclohexane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Dibromochloromethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Dichlorodifluoromethane	BRL	10		µg/L	58059	1	5/20/2005 9:28:00 AM
Ethylbenzene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Freon-113	BRL	10		µg/L	58059	1	5/20/2005 9:28:00 AM
Isopropylbenzene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
m,p-Xylene	BRL	10		µg/L	58059	1	5/20/2005 9:28:00 AM
Methyl acetate	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Methyl tert-butyl ether	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Methylcyclohexane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Methylene chloride	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Date: *26-May-05*

CLIENT: United Consulting Group Inc.
Lab Order: 0505848
Project: Attwood Canvas
Lab ID: 0505848-004

Client Sample ID: TRIP BLANK
Collection Date: 5/16/2005
Matrix: WATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
o-Xylene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Styrene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Tetrachloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Toluene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Trichloroethene	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Trichlorofluoromethane	BRL	5.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Vinyl chloride	BRL	2.0		µg/L	58059	1	5/20/2005 9:28:00 AM
Surr: 4-Bromofluorobenzene	91.1	66.7-128		%REC	58059	1	5/20/2005 9:28:00 AM
Surr: Dibromofluoromethane	79.6	72.1-121		%REC	58059	1	5/20/2005 9:28:00 AM
Surr: Toluene-d8	88.1	75.2-121		%REC	58059	1	5/20/2005 9:28:00 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client United Consulting Work Order Number 0505848

Checklist completed by Aaron Gradem 5/16/05
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 5.2 °C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes __	No ✓
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes ✓	No __ Not Applicable __

Adjusted? _____ Checked by ME

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

C:\Documents and Settings\Chemist\Desktop\SampleReceiptChecklistRptREV.rtf

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 57900

Sample ID MB-57900	SampType: MBLK	TestCode: 8270_PAH_W	Units: µg/L	Prep Date: 5/17/2005	RunNo: 65890
Client ID:	Batch ID: 57900	TestNo: SW8270C		Analysis Date: 5/17/2005	SeqNo: 1293958

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	BRL	10									
2-Methylnaphthalene	BRL	10									
Acenaphthene	BRL	10									
Acenaphthylene	BRL	10									
Anthracene	BRL	10									
Benz(a)anthracene	BRL	10									
Benzo(a)pyrene	BRL	10									
Benzo(b)fluoranthene	BRL	10									
Benzo(g,h,i)perylene	BRL	10									
Benzo(k)fluoranthene	BRL	10									
Chrysene	BRL	10									
Dibenz(a,h)anthracene	BRL	10									
Flucranthene	BRL	10									
Fluorene	BRL	10									
Indeno(1,2,3-cd)pyrene	BRL	10									
Naphthalene	BRL	10									
Phenanthrene	BRL	10									
Pyrene	BRL	10									
Surr: 2-Fluorobiphenyl	39.7	0	50	0	79.4	46.6	117	0	0		
Surr: 4-Terphenyl-d14	51.88	0	50	0	104	34	135	0	0		
Surr: Nitrobenzene-d5	44.4	0	50	0	88.8	26.3	132	0	0		

Sample ID LCS-57900	SampType: LCS	TestCode: 8270_PAH_W	Units: µg/L	Prep Date: 5/17/2005	RunNo: 65890
Client ID:	Batch ID: 57900	TestNo: SW8270C		Analysis Date: 5/17/2005	SeqNo: 1293960

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	43.07	10	50	0	86.1	67.4	120	0	0		
Acenaphthylene	44.74	10	50	0	89.5	64.8	122	0	0		
Anthracene	45.27	10	50	0	90.5	67.3	130	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 57900

Sample ID LCS-57900	SampType: LCS	TestCode: 8270_PAH_W	Units: µg/L	Prep Date: 5/17/2005	RunNo: 65890
Client ID:	Batch ID: 57900	TestNo: SW8270C		Analysis Date: 5/17/2005	SeqNo: 1293960

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	49.78	10	50	0	99.6	69.8	120	0	0		
Benzo(a)pyrene	50.27	10	50	0	101	56.8	127	0	0		
Benzo(b)fluoranthene	48.72	10	50	0	97.4	52.1	127	0	0		
Benzo(g,h,i)perylene	39.78	10	50	0	79.6	42.8	144	0	0		
Benzo(k)fluoranthene	46.75	10	50	0	93.5	49.4	137	0	0		
Chrysene	48.3	10	50	0	96.6	70.6	120	0	0		
Dibenz(a,h)anthracene	37	10	50	0	74	47.7	138	0	0		
Fluoranthene	47.6	10	50	0	95.2	69.6	120	0	0		
Fluorene	42.85	10	50	0	85.7	68.6	120	0	0		
Indeno(1,2,3-cd)pyrene	39.57	10	50	0	79.1	52.6	134	0	0		
Naphthalene	41.17	10	50	0	82.3	62.6	120	0	0		
Phenanthrene	45.8	10	50	0	91.6	70.1	120	0	0		
Pyrene	51.7	10	50	0	103	66.6	123	0	0		
Surr: 2-Fluorobiphenyl	43.99	0	50	0	88	46.6	117	0	0		
Surr: 4-Terphenyl-d14	55.13	0	50	0	110	34	135	0	0		
Surr: Nitrobenzene-d5	46.01	0	50	0	92	26.3	132	0	0		

Sample ID 0505820-001BMS	SampType: MS	TestCode: 8270_PAH_W	Units: µg/L	Prep Date: 5/17/2005	RunNo: 65890
Client ID:	Batch ID: 57900	TestNo: SW8270C		Analysis Date: 5/17/2005	SeqNo: 1293966

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	40.58	10	50	0	81.2	54.2	120	0	0		
Acenaphthylene	39.73	10	50	0	79.5	55.9	123	0	0		
Anthracene	43.17	10	50	0	86.3	62	124	0	0		
Benz(a)anthracene	46.9	10	50	0	93.8	55.3	120	0	0		
Benzo(a)pyrene	47.97	10	50	0	95.9	42	128	0	0		
Benzo(b)fluoranthene	45.29	10	50	0	90.6	40.4	126	0	0		
Benzo(g,h,i)perylene	40.22	10	50	0	80.4	27.5	146	0	0		
Benzo(k)fluoranthene	45.54	10	50	0	91.1	39.2	132	0	0		
Chrysene	47.28	10	50	0	94.6	54.7	120	0	0		
Dibenz(a,h)anthracene	37.14	10	50	0	74.3	32.6	141	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 57900

Sample ID **0505820-001BMS** SampType: **MS** TestCode: **8270_PAH_W** Units: **µg/L** Prep Date: **5/17/2005** RunNo: **65890**
Client ID: Batch ID: **57900** TestNo: **SW8270C** Analysis Date: **5/17/2005** SeqNo: **1293966**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	46.32	10	50	0	92.6	61.2	120	0	0		
Fluorene	40.78	10	50	0	81.6	59.1	120	0	0		
Indeno(1,2,3-cd)pyrene	38.6	10	50	0	77.2	35.3	140	0	0		
Naphthalene	37.11	10	50	0	74.2	39.4	120	0	0		
Phenanthrene	46.18	10	50	0	92.4	62.1	120	0	0		
Pyrene	48.97	10	50	0	97.9	47.9	131	0	0		
Surr: 2-Fluorobiphenyl	37.23	0	50	0	74.5	46.6	117	0	0		
Surr: 4-Terphenyl-d14	51.85	0	50	0	104	34	135	0	0		
Surr: Nitrobenzene-d5	41.09	0	50	0	82.2	26.3	132	0	0		

Sample ID **0505820-001BMSD** SampType: **MSD** TestCode: **8270_PAH_W** Units: **µg/L** Prep Date: **5/17/2005** RunNo: **65890**
Client ID: Batch ID: **57900** TestNo: **SW8270C** Analysis Date: **5/17/2005** SeqNo: **1293995**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	40.78	10	50	0	81.6	54.2	120	40.58	0.492	29	
Acenaphthylene	40.22	10	50	0	80.4	55.9	123	39.73	1.23	19.1	
Anthracene	44.8	10	50	0	89.6	62	124	43.17	3.71	19.3	
Benz(a)anthracene	46.82	10	50	0	93.6	55.3	120	46.9	0.171	21.7	
Benzo(a)pyrene	48.81	10	50	0	97.6	42	128	47.97	1.74	24.1	
Benzo(b)fluoranthene	46.77	10	50	0	93.5	40.4	126	45.29	3.22	24.1	
Benzo(g,h,i)perylene	39.42	10	50	0	78.8	27.5	146	40.22	2.01	27.9	
Benzo(k)fluoranthene	45.15	10	50	0	90.3	39.2	132	45.54	0.860	24.9	
Chrysene	46.87	10	50	0	93.7	54.7	120	47.28	0.871	22.2	
Dibenz(a,h)anthracene	37.44	10	50	0	74.9	32.6	141	37.14	0.805	27.4	
Fluoranthene	46.48	10	50	0	93	61.2	120	46.32	0.345	18.7	
Fluorene	42.16	10	50	0	84.3	59.1	120	40.78	3.33	19.5	
Indeno(1,2,3-cd)pyrene	38.99	10	50	0	78	35.3	140	38.6	1.01	26.6	
Naphthalene	37.87	10	50	0	75.7	39.4	120	37.11	2.03	21	
Phenanthrene	47.57	10	50	0	95.1	62.1	120	46.18	2.97	20	
Pyrene	49.12	10	50	0	98.2	47.9	131	48.97	0.306	20	
Surr: 2-Fluorobiphenyl	37.9	0	50	0	75.8	46.6	117	37.23	0	0	

Qualifiers:
B Analyte detected in the associated Method Blank
BRL Below Reporting Limit
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
N Analyte not NELAC certified
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 57900

Sample ID 0505820-001BMSD	SampType: MSD	TestCode: 8270_PAH_W	Units: µg/L	Prep Date: 5/17/2005	RunNo: 65890
Client ID:	Batch ID: 57900	TestNo: SW8270C		Analysis Date: 5/17/2005	SeqNo: 1293995

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	50.98	0	50	0	102	34	135	51.85	0	0	
Surr: Nitrobenzene-d5	38.21	0	50	0	76.4	26.3	132	41.09	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 58059

Sample ID 0505A13-001AMS	SampType: MS	TestCode: 8260_TCL4.2	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66203
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/23/2005	SeqNo: 1301346

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	54.18	5.0	50	0	108	60.9	157	0	0		
Benzene	49.41	5.0	50	0	98.8	69.7	128	0	0		
Chlorobenzene	50.25	5.0	50	0	101	80.7	123	0	0		
Toluene	49.77	5.0	50	0	99.5	76.2	128	0	0		
Trichloroethene	57.32	5.0	50	0	115	70.6	133	0	0		
Surr: 4-Bromofluorobenzene	45.75	0	50	0	91.5	66.7	128	0	0		
Surr: Dibromofluoromethane	38.46	0	50	0	76.9	72.1	121	0	0		
Surr: Toluene-d8	42.76	0	50	0	85.5	75.2	121	0	0		

Sample ID 0505A13-001AMSD	SampType: MSD	TestCode: 8260_TCL4.2	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66203
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/23/2005	SeqNo: 1301347

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	53.77	5.0	50	0	108	60.9	157	54.18	0.760	15.8	
Benzene	48.67	5.0	50	0	97.3	69.7	128	49.41	1.51	10	
Chlorobenzene	49.41	5.0	50	0	98.8	80.7	123	50.25	1.69	10	
Toluene	49.51	5.0	50	0	99	76.2	128	49.77	0.524	10	
Trichloroethene	55.96	5.0	50	0	112	70.6	133	57.32	2.40	11	
Surr: 4-Bromofluorobenzene	46.39	0	50	0	92.8	66.7	128	45.75	0	0	
Surr: Dibromofluoromethane	38.43	0	50	0	76.9	72.1	121	38.46	0	0	
Surr: Toluene-d8	42.65	0	50	0	85.3	75.2	121	42.76	0	0	

Sample ID MB-58059	SampType: MBLK	TestCode: 8260B_W	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66020
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/19/2005	SeqNo: 1297707

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									

Qualifiers:
B Analyte detected in the associated Method Blank
BRL Below Reporting Limit
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
N Analyte not NELAC certified
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 58059

Sample ID MB-58059	SampType: MBLK	TestCode: 8260B_W	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66020
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/19/2005	SeqNo: 1297707

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloroethene, Total	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 58059

Sample ID MB-58059	SampType: MBLK	TestCode: 8260B_W	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66020
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/19/2005	SeqNo: 1297707

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	BRL	10									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
Naphthalene	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	45.41	5.0	50	0	90.8	66.7	128	0	0		
Surr: Dibromofluoromethane	38.27	5.0	50	0	76.5	72.1	121	0	0		
Surr: Toluene-d8	42.16	5.0	50	0	84.3	75.2	121	0	0		

Sample ID MB-58059	SampType: MBLK	TestCode: 8260B_W	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66080
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/20/2005	SeqNo: 1298539

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 58059

Sample ID MB-58059	SampType: MBLK	TestCode: 8260B_W	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66080
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/20/2005	SeqNo: 1298539

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloroethene, Total	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	10									
Methyl acetate	BRL	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: United Consulting Group Inc.
Work Order: 0505848
Project: Attwood Canvas

ANALYTICAL QC SUMMARY REPORT

BatchID: 58059

Sample ID MB-58059	SampType: MBLK	TestCode: 8260B_W	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66080
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/20/2005	SeqNo: 1298539

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
Naphthalene	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	45.15	5.0	50	0	90.3	66.7	128	0	0		
Surr: Dibromofluoromethane	40.3	5.0	50	0	80.6	72.1	121	0	0		
Surr: Toluene-d8	43.55	5.0	50	0	87.1	75.2	121	0	0		

Sample ID LCS-58059	SampType: LCS	TestCode: 8260B_W	Units: µg/L	Prep Date: 5/19/2005	RunNo: 66020
Client ID:	Batch ID: 58059	TestNo: SW8260B		Analysis Date: 5/19/2005	SeqNo: 1297709

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	52.44	5.0	50	0	105	63	157	0	0		
Benzene	48.77	5.0	50	0	97.5	74.9	126	0	0		
Chlorobenzene	49.55	5.0	50	0	99.1	81.5	123	0	0		
Toluene	48.91	5.0	50	0	97.8	81.3	125	0	0		
Trichloroethene	56.9	5.0	50	0	114	70.4	134	0	0		
Surr: 4-Bromofluorobenzene	44.76	5.0	50	0	89.5	66.7	128	0	0		
Surr: Dibromofluoromethane	38.86	5.0	50	0	77.7	72.1	121	0	0		
Surr: Toluene-d8	42.29	5.0	50	0	84.6	75.2	121	0	0		

Qualifiers:

- B Analyte detected in the associated Method Blank
- BRL Below Reporting Limit
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- N Analyte not NELAC certified
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

CLIENT: United Consulting Group Inc.
Project: Attwood Canvas
Lab Order: 0505848

CASE NARRATIVE

Sample/Cooler Receipt Non-Conformance:

There are six soil samples that are not listed on the Chain of Custody. They are labelled as: B-1 S-4, B-1 S-3, B-1 S-2, B-1 35-S, B-2 S-3, and B-2 S-1.

5/16/05 - Client Kalen Kramer was contacted and notified, and he indicated that the extra samples are for sample disposal.

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: _____
Date: 10.7.05 Page 1 of 1

COMPANY: United Consulting
ADDRESS: 625 Holcomb Bridge Rd Norcross, GA 30071
PHONE: 770-209-0029
FAX: 770-582-2900
SAMPLED BY: Kalen Kramer
SIGNATURE:

ANALYSIS REQUESTED: VOC, RCRA 8, PH, CEC, Extractable (soil only), TOC

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	MW-1E 5'	10.7.05	11:30	X		SO			7
2	MW-1E 10'	10.7.05	11:45	X		SO			5
3	MW-2E 5'	10.7.05	1:30	X		SO			5
4	MW-2E 7.5'	10.7.05	1:45	X		SO			5
5	MW-3E 5'	10.7.05	2:30	X		SO			5
6	MW-3E 10'	10.7.05	2:45	X		SO			7
7	MW-4E 5'	10.7.05	3:00	X		SO			7
8	MW-4E 10'	10.7.05	3:15	X		SO			5
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	10.7.05 5:30	1: Hanafor	10/7/05 5:30
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Atwood Canvas
PROJECT #: 2000.4227.06
SITE ADDRESS:
SEND REPORT TO: Kalen
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#: 54438

RECEIPT
Total # of Containers: 46

Turnaround Time Request
X Standard 5 Business Days
O 2 Business Day Rush
O Next Business Day Rush
O Same Day Rush (auth req.)
O Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES. A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-1 @ 5'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 11:30:00 AM
Lab ID:	0510396-001	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TOTAL ORGANIC CARBON		**SW9060 MODIFIED**					Analyst: **CT**
Total Organic Carbon (TOC)	2020	500		mg/Kg-dry	63147	1	10/12/2005 11:13 AM
METALS, TOTAL		**SW6010B**		**(SW3050B)**			Analyst: **BB**
Arsenic	BRL	4.49		mg/Kg	63020	1	10/10/2005 9:40 PM
Barium	73.9	4.49		mg/Kg	63020	1	10/10/2005 9:40 PM
Cadmium	BRL	2.25		mg/Kg	63020	1	10/10/2005 9:40 PM
Chromium	25.1	2.25		mg/Kg	63020	1	10/10/2005 9:40 PM
Lead	39.7	4.49		mg/Kg	63020	1	10/10/2005 9:40 PM
Selenium	BRL	4.49		mg/Kg	63020	1	10/10/2005 9:40 PM
Silver	BRL	2.25		mg/Kg	63020	1	10/10/2005 9:40 PM
TOTAL MERCURY		**SW7471A**		**(SW7471A)**			Analyst: **VA**
Mercury	BRL	0.0994		mg/Kg	63115	1	10/12/2005 12:52 PM
TCL VOLATILE ORGANICS		**SW8260B**		**(SW5035)**			Analyst: **AD**
1,1,1-Trichloroethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,1,2,2-Tetrachloroethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,1,2-Trichloroethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,1-Dichloroethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,1-Dichloroethene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,2,4-Trichlorobenzene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,2-Dibromo-3-chloropropane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,2-Dibromoethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,2-Dichlorobenzene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,2-Dichloroethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,2-Dichloropropane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,3-Dichlorobenzene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
1,4-Dichlorobenzene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
2-Butanone	BRL	38		µg/Kg	62974	1	10/11/2005 2:59 PM
2-Hexanone	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
4-Methyl-2-pentanone	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
Acetone	BRL	76		µg/Kg	62974	1	10/11/2005 2:59 PM
Benzene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Bromodichloromethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Bromoform	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Bromomethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Carbon disulfide	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
Carbon tetrachloride	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Chlorobenzene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Chloroethane	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
Chloroform	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Chloromethane	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
cis-1,2-Dichloroethene	7.0	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT: United Consulting Group Inc.
Project: Attwood Canvas
Lab ID: 0510396-001

Client Sample ID: MW-1 @ 5'
Collection Date: 10/7/2005 11:30:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**		**(SW5035)**			Analyst: **AD**
cis-1,3-Dichloropropene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Cyclohexane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Dibromochloromethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Dichlorodifluoromethane	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
Ethylbenzene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Freon-113	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
Isopropylbenzene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
m,p-Xylene	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
Methyl acetate	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Methyl tert-butyl ether	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Methylcyclohexane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Methylene chloride	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
o-Xylene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Styrene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Tetrachloroethene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Toluene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
trans-1,2-Dichloroethene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
trans-1,3-Dichloropropene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Trichloroethene	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Trichlorofluoromethane	BRL	3.8		µg/Kg	62974	1	10/11/2005 2:59 PM
Vinyl chloride	BRL	7.6		µg/Kg	62974	1	10/11/2005 2:59 PM
Surr: 4-Bromofluorobenzene	94.3	66.9-120		%REC	62974	1	10/11/2005 2:59 PM
Surr: Dibromofluoromethane	93.4	70.4-133		%REC	62974	1	10/11/2005 2:59 PM
Surr: Toluene-d8	97.8	71.5-140		%REC	62974	1	10/11/2005 2:59 PM
LABORATORY PH		**SW9045C**		**(SW9045C)**			Analyst: **LW**
pH	06.83	0.01		pH Units	63066	1	10/11/2005 11:00 AM
SPECIFIC CONDUCTANCE		**SW9050**		**(SW9050)**			Analyst: **ML**
Specific Conductivity	406	100		µmhos/cm	63028	1	10/12/2005 1:00 PM
CATION EXCHANGE CAPACITY OF SOILS (NH4 S		**SW9080**		**(SW9080)**			Analyst: **TL**
Cation Exchange Capacity	9.2	1.0	N	meq/100g	63270	1	10/20/2005 9:23 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc. Client Sample ID: MW-1 @ 10'
Project: Attwood Canvas Collection Date: 10/7/2005 11:45:00 AM
Lab ID: 0510396-002 Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	4.87		mg/Kg	63020	1	10/10/2005 9:53 PM
Barium	84.2	4.87		mg/Kg	63020	1	10/10/2005 9:53 PM
Cadmium	BRL	2.43		mg/Kg	63020	1	10/10/2005 9:53 PM
Chromium	3.38	2.43		mg/Kg	63020	1	10/10/2005 9:53 PM
Lead	5.31	4.87		mg/Kg	63020	1	10/10/2005 9:53 PM
Selenium	BRL	4.87		mg/Kg	63020	1	10/10/2005 9:53 PM
Silver	BRL	2.43		mg/Kg	63020	1	10/10/2005 9:53 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **VA**
Mercury	BRL	0.0990		mg/Kg	63115	1	10/12/2005 12:52 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **AD**
1,1,1-Trichloroethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,1,2,2-Tetrachloroethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,1,2-Trichloroethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,1-Dichloroethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,1-Dichloroethene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,2,4-Trichlorobenzene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,2-Dibromo-3-chloropropane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,2-Dibromoethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,2-Dichlorobenzene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,2-Dichloroethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,2-Dichloropropane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,3-Dichlorobenzene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
1,4-Dichlorobenzene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
2-Butanone	BRL	33		µg/Kg	62974	1	10/11/2005 3:26 PM
2-Hexanone	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
4-Methyl-2-pentanone	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
Acetone	BRL	66		µg/Kg	62974	1	10/11/2005 3:26 PM
Benzene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Bromodichloromethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Bromoform	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Bromomethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Carbon disulfide	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
Carbon tetrachloride	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Chlorobenzene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Chloroethane	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
Chloroform	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Chloromethane	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
cis-1,2-Dichloroethene	22	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
cis-1,3-Dichloropropene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Cyclohexane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-1 @ 10'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 11:45:00 AM
Lab ID:	0510396-002	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **AD**
Dibromochloromethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Dichlorodifluoromethane	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
Ethylbenzene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Freon-113	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
Isopropylbenzene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
m,p-Xylene	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
Methyl acetate	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Methyl tert-butyl ether	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Methylcyclohexane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Methylene chloride	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
o-Xylene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Styrene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Tetrachloroethene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Toluene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
trans-1,2-Dichloroethene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
trans-1,3-Dichloropropene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Trichloroethene	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Trichlorofluoromethane	BRL	3.3		µg/Kg	62974	1	10/11/2005 3:26 PM
Vinyl chloride	BRL	6.6		µg/Kg	62974	1	10/11/2005 3:26 PM
Surr: 4-Bromofluorobenzene	97.8	66.9-120		%REC	62974	1	10/11/2005 3:26 PM
Surr: Dibromofluoromethane	93.3	70.4-133		%REC	62974	1	10/11/2005 3:26 PM
Surr: Toluene-d8	96.2	71.5-140		%REC	62974	1	10/11/2005 3:26 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **AD**
cis-1,2-Dichloroethene	BRL	100		µg/L	63422	20	10/19/2005 1:14 PM
Surr: 4-Bromofluorobenzene	98.7	63.7-115		%REC	63422	20	10/19/2005 1:14 PM
Surr: Dibromofluoromethane	106	70.4-123		%REC	63422	20	10/19/2005 1:14 PM
Surr: Toluene-d8	102	73.4-115		%REC	63422	20	10/19/2005 1:14 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-2 @ 5'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 1:30:00 PM
Lab ID:	0510396-003	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	4.25		mg/Kg	63020	1	10/10/2005 9:57 PM
Barium	40.8	4.25		mg/Kg	63020	1	10/10/2005 9:57 PM
Cadmium	BRL	2.13		mg/Kg	63020	1	10/10/2005 9:57 PM
Chromium	14.2	2.13		mg/Kg	63020	1	10/10/2005 9:57 PM
Lead	6.42	4.25		mg/Kg	63020	1	10/10/2005 9:57 PM
Selenium	BRL	4.25		mg/Kg	63020	1	10/10/2005 9:57 PM
Silver	BRL	2.13		mg/Kg	63020	1	10/10/2005 9:57 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **VA**
Mercury	BRL	0.0990		mg/Kg	63115	1	10/12/2005 12:52 PM
VOLATILES, TCLP		**SW1311/8260B**			**(SW5030B)**		Analyst: **AD**
Benzene	BRL	0.10		mg/L	63422	20	10/19/2005 12:47 PM
Surr: 4-Bromofluorobenzene	88.0	63.1-121		%REC	63422	20	10/19/2005 12:47 PM
Surr: Dibromofluoromethane	105	69.5-126		%REC	63422	20	10/19/2005 12:47 PM
Surr: Toluene-d8	101	74.2-120		%REC	63422	20	10/19/2005 12:47 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **AD**
1,1,1-Trichloroethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,1,2,2-Tetrachloroethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,1,2-Trichloroethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,1-Dichloroethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,1-Dichloroethene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,2,4-Trichlorobenzene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,2-Dibromo-3-chloropropane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,2-Dibromoethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,2-Dichlorobenzene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,2-Dichloroethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,2-Dichloropropane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,3-Dichlorobenzene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
1,4-Dichlorobenzene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
2-Butanone	BRL	34		µg/Kg	62974	1	10/11/2005 3:54 PM
2-Hexanone	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM
4-Methyl-2-pentanone	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM
Acetone	BRL	68		µg/Kg	62974	1	10/11/2005 3:54 PM
Benzene	3.7	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Bromodichloromethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Bromoform	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Bromomethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Carbon disulfide	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM
Carbon tetrachloride	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Chlorobenzene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Chloroethane	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-2 @ 5'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 1:30:00 PM
Lab ID:	0510396-003	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **AD**
Chloroform	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Chloromethane	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM
cis-1,2-Dichloroethene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
cis-1,3-Dichloropropene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Cyclohexane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Dibromochloromethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Dichlorodifluoromethane	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM
Ethylbenzene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Freon-113	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM
Isopropylbenzene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
m,p-Xylene	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM
Methyl acetate	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Methyl tert-butyl ether	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Methylcyclohexane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Methylene chloride	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
o-Xylene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Styrene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Tetrachloroethene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Toluene	16	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
trans-1,2-Dichloroethene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
trans-1,3-Dichloropropene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Trichloroethene	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Trichlorofluoromethane	BRL	3.4		µg/Kg	62974	1	10/11/2005 3:54 PM
Vinyl chloride	BRL	6.8		µg/Kg	62974	1	10/11/2005 3:54 PM
Surr: 4-Bromofluorobenzene	94.5	66.9-120		%REC	62974	1	10/11/2005 3:54 PM
Surr: Dibromofluoromethane	84.8	70.4-133		%REC	62974	1	10/11/2005 3:54 PM
Surr: Toluene-d8	98.1	71.5-140		%REC	62974	1	10/11/2005 3:54 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **AD**
Toluene	BRL	100		µg/L	63422	20	10/19/2005 12:47 PM
Surr: 4-Bromofluorobenzene	88.0	63.7-115		%REC	63422	20	10/19/2005 12:47 PM
Surr: Dibromofluoromethane	105	70.4-123		%REC	63422	20	10/19/2005 12:47 PM
Surr: Toluene-d8	101	73.4-115		%REC	63422	20	10/19/2005 12:47 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT: United Consulting Group Inc.
Project: Attwood Canvas
Lab ID: 0510396-004

Client Sample ID: MW-2 @ 7.5'
Collection Date: 10/7/2005 1:45:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	4.13		mg/Kg	63020	1	10/10/2005 10:01 PM
Barium	36.2	4.13		mg/Kg	63020	1	10/10/2005 10:01 PM
Cadmium	BRL	2.07		mg/Kg	63020	1	10/10/2005 10:01 PM
Chromium	21.3	2.07		mg/Kg	63020	1	10/10/2005 10:01 PM
Lead	8.94	4.13		mg/Kg	63020	1	10/10/2005 10:01 PM
Selenium	BRL	4.13		mg/Kg	63020	1	10/10/2005 10:01 PM
Silver	BRL	2.07		mg/Kg	63020	1	10/10/2005 10:01 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **VA**
Mercury	BRL	0.0988		mg/Kg	63115	1	10/12/2005 12:52 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **AD**
1,1,1-Trichloroethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,1,2,2-Tetrachloroethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,1,2-Trichloroethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,1-Dichloroethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,1-Dichloroethene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,2,4-Trichlorobenzene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,2-Dibromo-3-chloropropane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,2-Dibromoethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,2-Dichlorobenzene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,2-Dichloroethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,2-Dichloropropane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,3-Dichlorobenzene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
1,4-Dichlorobenzene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
2-Butanone	BRL	29		µg/Kg	62974	1	10/11/2005 4:22 PM
2-Hexanone	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
4-Methyl-2-pentanone	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
Acetone	BRL	58		µg/Kg	62974	1	10/11/2005 4:22 PM
Benzene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Bromodichloromethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Bromoform	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Bromomethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Carbon disulfide	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
Carbon tetrachloride	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Chlorobenzene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Chloroethane	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
Chloroform	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Chloromethane	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
cis-1,2-Dichloroethene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
cis-1,3-Dichloropropene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Cyclohexane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-2 @ 7.5'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 1:45:00 PM
Lab ID:	0510396-004	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **AD**
Dibromochloromethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Dichlorodifluoromethane	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
Ethylbenzene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Freon-113	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
Isopropylbenzene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
m,p-Xylene	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
Methyl acetate	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Methyl tert-butyl ether	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Methylcyclohexane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Methylene chloride	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
o-Xylene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Styrene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Tetrachloroethene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Toluene	5.5	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
trans-1,2-Dichloroethene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
trans-1,3-Dichloropropene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Trichloroethene	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Trichlorofluoromethane	BRL	2.9		µg/Kg	62974	1	10/11/2005 4:22 PM
Vinyl chloride	BRL	5.8		µg/Kg	62974	1	10/11/2005 4:22 PM
Surr: 4-Bromofluorobenzene	77.8	66.9-120		%REC	62974	1	10/11/2005 4:22 PM
Surr: Dibromofluoromethane	90.8	70.4-133		%REC	62974	1	10/11/2005 4:22 PM
Surr: Toluene-d8	92.8	71.5-140		%REC	62974	1	10/11/2005 4:22 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
B	Analyte detected in the associated Method Blank
E	Estimated (Value above quantitation range)
S	Surrogate Recovery outside accepted recovery limits
Narr	See Case Narrative
NC	Not Confirmed

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-3 @ 5'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 2:30:00 PM
Lab ID:	0510396-005	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	4.11	3.57		mg/Kg	63020	1	10/10/2005 10:06 PM
Barium	47.7	3.57		mg/Kg	63020	1	10/10/2005 10:06 PM
Cadmium	BRL	1.78		mg/Kg	63020	1	10/10/2005 10:06 PM
Chromium	33.5	1.78		mg/Kg	63020	1	10/10/2005 10:06 PM
Lead	16.8	3.57		mg/Kg	63020	1	10/10/2005 10:06 PM
Selenium	BRL	3.57		mg/Kg	63020	1	10/10/2005 10:06 PM
Silver	BRL	1.78		mg/Kg	63020	1	10/10/2005 10:06 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **VA**
Mercury	BRL	0.0986		mg/Kg	63161	1	10/13/2005 2:45 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **NWH**
1,1,1-Trichloroethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,1,2,2-Tetrachloroethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,1,2-Trichloroethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,1-Dichloroethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,1-Dichloroethene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,2,4-Trichlorobenzene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,2-Dibromo-3-chloropropane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,2-Dibromoethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,2-Dichlorobenzene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,2-Dichloroethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,2-Dichloropropane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,3-Dichlorobenzene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
1,4-Dichlorobenzene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
2-Butanone	BRL	38		µg/Kg	63158	1	10/12/2005 12:46 PM
2-Hexanone	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
4-Methyl-2-pentanone	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
Acetone	BRL	76		µg/Kg	63158	1	10/12/2005 12:46 PM
Benzene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Bromodichloromethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Bromoform	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Bromomethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Carbon disulfide	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
Carbon tetrachloride	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Chlorobenzene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Chloroethane	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
Chloroform	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Chloromethane	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
cis-1,2-Dichloroethene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
cis-1,3-Dichloropropene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Cyclohexane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-3 @ 5'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 2:30:00 PM
Lab ID:	0510396-005	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**		**(SW5035)**			Analyst: **NWH**
Dibromochloromethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Dichlorodifluoromethane	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
Ethylbenzene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Freon-113	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
Isopropylbenzene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
m,p-Xylene	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
Methyl acetate	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Methyl tert-butyl ether	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Methylcyclohexane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Methylene chloride	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
o-Xylene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Styrene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Tetrachloroethene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Toluene	8.3	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
trans-1,2-Dichloroethene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
trans-1,3-Dichloropropene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Trichloroethene	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Trichlorofluoromethane	BRL	3.8		µg/Kg	63158	1	10/12/2005 12:46 PM
Vinyl chloride	BRL	7.6		µg/Kg	63158	1	10/12/2005 12:46 PM
Surr: 4-Bromofluorobenzene	89.1	66.9-120		%REC	63158	1	10/12/2005 12:46 PM
Surr: Dibromofluoromethane	90.0	70.4-133		%REC	63158	1	10/12/2005 12:46 PM
Surr: Toluene-d8	91.6	71.5-140		%REC	63158	1	10/12/2005 12:46 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-3 @ 10'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 2:45:00 PM
Lab ID:	0510396-006	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TOTAL ORGANIC CARBON		**SW9060 MODIFIED**					Analyst: **CT**
Total Organic Carbon (TOC)	691	500		mg/Kg-dry	63147	1	10/12/2005 3:37 PM
METALS, TOTAL		**SW6010B**		**(SW3050B)**			Analyst: **BB**
Arsenic	BRL	4.13		mg/Kg	63020	1	10/10/2005 10:10 PM
Barium	69.7	4.13		mg/Kg	63020	1	10/10/2005 10:10 PM
Cadmium	BRL	2.06		mg/Kg	63020	1	10/10/2005 10:10 PM
Chromium	8.31	2.06		mg/Kg	63020	1	10/10/2005 10:10 PM
Lead	22.7	4.13		mg/Kg	63020	1	10/10/2005 10:10 PM
Selenium	BRL	4.13		mg/Kg	63020	1	10/10/2005 10:10 PM
Silver	BRL	2.06		mg/Kg	63020	1	10/10/2005 10:10 PM
TOTAL MERCURY		**SW7471A**		**(SW7471A)**			Analyst: **VA**
Mercury	BRL	0.0994		mg/Kg	63161	1	10/13/2005 2:45 PM
TCL VOLATILE ORGANICS		**SW8260B**		**(SW5035)**			Analyst: **NWH**
1,1,1-Trichloroethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,1,2,2-Tetrachloroethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,1,2-Trichloroethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,1-Dichloroethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,1-Dichloroethene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,2,4-Trichlorobenzene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,2-Dibromo-3-chloropropane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,2-Dibromoethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,2-Dichlorobenzene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,2-Dichloroethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,2-Dichloropropane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,3-Dichlorobenzene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
1,4-Dichlorobenzene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
2-Butanone	BRL	36		µg/Kg	63158	1	10/12/2005 2:10 PM
2-Hexanone	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
4-Methyl-2-pentanone	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
Acetone	BRL	72		µg/Kg	63158	1	10/12/2005 2:10 PM
Benzene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Bromodichloromethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Bromoform	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Bromomethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Carbon disulfide	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
Carbon tetrachloride	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Chlorobenzene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Chloroethane	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
Chloroform	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Chloromethane	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
cis-1,2-Dichloroethene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-3 @ 10'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 2:45:00 PM
Lab ID:	0510396-006	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **NWH**
cis-1,3-Dichloropropene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Cyclohexane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Dibromochloromethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Dichlorodifluoromethane	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
Ethylbenzene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Freon-113	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
Isopropylbenzene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
m,p-Xylene	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
Methyl acetate	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Methyl tert-butyl ether	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Methylcyclohexane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Methylene chloride	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
o-Xylene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Styrene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Tetrachloroethene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Toluene	6.1	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
trans-1,2-Dichloroethene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
trans-1,3-Dichloropropene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Trichloroethene	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Trichlorofluoromethane	BRL	3.6		µg/Kg	63158	1	10/12/2005 2:10 PM
Vinyl chloride	BRL	7.2		µg/Kg	63158	1	10/12/2005 2:10 PM
Surr: 4-Bromofluorobenzene	95.1	66.9-120		%REC	63158	1	10/12/2005 2:10 PM
Surr: Dibromofluoromethane	90.3	70.4-133		%REC	63158	1	10/12/2005 2:10 PM
Surr: Toluene-d8	94.5	71.5-140		%REC	63158	1	10/12/2005 2:10 PM
LABORATORY PH		**SW9045C**			**(SW9045C)**		Analyst: **LW**
pH	07.22	0.01		pH Units	63066	1	10/11/2005 11:00 AM
SPECIFIC CONDUCTANCE		**SW9050**			**(SW9050)**		Analyst: **ML**
Specific Conductivity	288	100		µmhos/cm	63028	1	10/12/2005 1:00 PM
CATION EXCHANGE CAPACITY OF SOILS (NH4 S		**SW9080**			**(SW9080)**		Analyst: **TL**
Cation Exchange Capacity	19	1.0	N	meq/100g	63270	1	10/20/2005 9:23 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-4 @ 5'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 3:00:00 PM
Lab ID:	0510396-007	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TOTAL ORGANIC CARBON		**SW9060 MODIFIED**					Analyst: **CT**
Total Organic Carbon (TOC)	593	500		mg/Kg-dry	63147	1	10/12/2005 4:11 PM
METALS, TOTAL		**SW6010B**		**(SW3050B)**			Analyst: **BB**
Arsenic	BRL	3.85		mg/Kg	63020	1	10/10/2005 10:25 PM
Barium	179	3.85		mg/Kg	63020	1	10/10/2005 10:25 PM
Cadmium	BRL	1.92		mg/Kg	63020	1	10/10/2005 10:25 PM
Chromium	38.3	1.92		mg/Kg	63020	1	10/10/2005 10:25 PM
Lead	9.91	3.85		mg/Kg	63020	1	10/10/2005 10:25 PM
Selenium	BRL	3.85		mg/Kg	63020	1	10/10/2005 10:25 PM
Silver	BRL	1.92		mg/Kg	63020	1	10/10/2005 10:25 PM
TOTAL MERCURY		**SW7471A**		**(SW7471A)**			Analyst: **VA**
Mercury	BRL	0.0992		mg/Kg	63161	1	10/13/2005 2:45 PM
TCL VOLATILE ORGANICS		**SW8260B**		**(SW5035)**			Analyst: **NWH**
1,1,1-Trichloroethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,1,2,2-Tetrachloroethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,1,2-Trichloroethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,1-Dichloroethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,1-Dichloroethene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,2,4-Trichlorobenzene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,2-Dibromo-3-chloropropane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,2-Dibromoethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,2-Dichlorobenzene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,2-Dichloroethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,2-Dichloropropane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,3-Dichlorobenzene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
1,4-Dichlorobenzene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
2-Butanone	BRL	35		µg/Kg	63158	1	10/12/2005 1:14 PM
2-Hexanone	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
4-Methyl-2-pentanone	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
Acetone	BRL	71		µg/Kg	63158	1	10/12/2005 1:14 PM
Benzene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Bromodichloromethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Bromoform	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Bromomethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Carbon disulfide	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
Carbon tetrachloride	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Chlorobenzene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Chloroethane	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
Chloroform	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Chloromethane	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
cis-1,2-Dichloroethene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	MW-4 @ 5'
Project:	Attwood Canvas	**Collection Date:**	10/7/2005 3:00:00 PM
Lab ID:	0510396-007	**Matrix:**	SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **NWH**
cis-1,3-Dichloropropene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Cyclohexane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Dibromochloromethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Dichlorodifluoromethane	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
Ethylbenzene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Freon-113	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
Isopropylbenzene	3.6	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
m,p-Xylene	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
Methyl acetate	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Methyl tert-butyl ether	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Methylcyclohexane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Methylene chloride	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
o-Xylene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Styrene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Tetrachloroethene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Toluene	11	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
trans-1,2-Dichloroethene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
trans-1,3-Dichloropropene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Trichloroethene	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Trichlorofluoromethane	BRL	3.5		µg/Kg	63158	1	10/12/2005 1:14 PM
Vinyl chloride	BRL	7.1		µg/Kg	63158	1	10/12/2005 1:14 PM
Surr: 4-Bromofluorobenzene	89.6	66.9-120		%REC	63158	1	10/12/2005 1:14 PM
Surr: Dibromofluoromethane	89.7	70.4-133		%REC	63158	1	10/12/2005 1:14 PM
Surr: Toluene-d8	91.3	71.5-140		%REC	63158	1	10/12/2005 1:14 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **AD**
Isopropylbenzene	BRL	100		µg/L	63422	20	10/19/2005 1:41 PM
Toluene	BRL	100		µg/L	63422	20	10/19/2005 1:41 PM
Surr: 4-Bromofluorobenzene	101	63.7-115		%REC	63422	20	10/19/2005 1:41 PM
Surr: Dibromofluoromethane	102	70.4-123		%REC	63422	20	10/19/2005 1:41 PM
Surr: Toluene-d8	102	73.4-115		%REC	63422	20	10/19/2005 1:41 PM
LABORATORY PH		**SW9045C**			**(SW9045C)**		Analyst: **LW**
pH	06.13	0.01		pH Units	63066	1	10/11/2005 11:00 AM
SPECIFIC CONDUCTANCE		**SW9050**			**(SW9050)**		Analyst: **ML**
Specific Conductivity	429	100		µmhos/cm	63028	1	10/12/2005 1:00 PM
CATION EXCHANGE CAPACITY OF SOILS (NH4 S		**SW9080**			**(SW9080)**		Analyst: **TL**
Cation Exchange Capacity	9.2	1.0	N	meq/100g	63270	1	10/20/2005 9:23 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT: United Consulting Group Inc.
Project: Attwood Canvas
Lab ID: 0510396-008

Client Sample ID: MW-4 @ 10'
Collection Date: 10/7/2005 3:15:00 PM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3050B)**		Analyst: **BB**
Arsenic	BRL	3.31		mg/Kg	63020	1	10/10/2005 10:30 PM
Barium	193	3.31		mg/Kg	63020	1	10/10/2005 10:30 PM
Cadmium	BRL	1.66		mg/Kg	63020	1	10/10/2005 10:30 PM
Chromium	20.0	1.66		mg/Kg	63020	1	10/10/2005 10:30 PM
Lead	8.23	3.31		mg/Kg	63020	1	10/10/2005 10:30 PM
Selenium	BRL	3.31		mg/Kg	63020	1	10/10/2005 10:30 PM
Silver	BRL	1.66		mg/Kg	63020	1	10/10/2005 10:30 PM
TOTAL MERCURY		**SW7471A**			**(SW7471A)**		Analyst: **VA**
Mercury	BRL	0.0982		mg/Kg	63161	1	10/13/2005 2:45 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5035)**		Analyst: **NWH**
1,1,1-Trichloroethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,1,2,2-Tetrachloroethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,1,2-Trichloroethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,1-Dichloroethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,1-Dichloroethene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,2,4-Trichlorobenzene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,2-Dibromo-3-chloropropane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,2-Dibromoethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,2-Dichlorobenzene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,2-Dichloroethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,2-Dichloropropane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,3-Dichlorobenzene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
1,4-Dichlorobenzene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
2-Butanone	BRL	33		µg/Kg	63158	1	10/12/2005 1:42 PM
2-Hexanone	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
4-Methyl-2-pentanone	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
Acetone	BRL	67		µg/Kg	63158	1	10/12/2005 1:42 PM
Benzene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Bromodichloromethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Bromoform	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Bromomethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Carbon disulfide	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
Carbon tetrachloride	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Chlorobenzene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Chloroethane	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
Chloroform	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Chloromethane	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
cis-1,2-Dichloroethene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
cis-1,3-Dichloropropene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Cyclohexane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc. Client Sample ID: MW-4 @ 10'
Project: Attwood Canvas Collection Date: 10/7/2005 3:15:00 PM
Lab ID: 0510396-008 Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**		**(SW5035)**			Analyst: **NWH**
Dibromochloromethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Dichlorodifluoromethane	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
Ethylbenzene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Freon-113	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
Isopropylbenzene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
m,p-Xylene	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
Methyl acetate	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Methyl tert-butyl ether	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Methylcyclohexane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Methylene chloride	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
o-Xylene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Styrene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Tetrachloroethene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Toluene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
trans-1,2-Dichloroethene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
trans-1,3-Dichloropropene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Trichloroethene	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Trichlorofluoromethane	BRL	3.3		µg/Kg	63158	1	10/12/2005 1:42 PM
Vinyl chloride	BRL	6.7		µg/Kg	63158	1	10/12/2005 1:42 PM
Surr: 4-Bromofluorobenzene	91.7	66.9-120		%REC	63158	1	10/12/2005 1:42 PM
Surr: Dibromofluoromethane	94.8	70.4-133		%REC	63158	1	10/12/2005 1:42 PM
Surr: Toluene-d8	89.9	71.5-140		%REC	63158	1	10/12/2005 1:42 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	TRIP BLANK
Project:	Attwood Canvas	**Collection Date:**	10/7/2005
Lab ID:	0510396-009	**Matrix:**	AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
1,1,1-Trichloroethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,1,2-Trichloroethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,1-Dichloroethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,1-Dichloroethene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,2-Dibromoethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,2-Dichlorobenzene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,2-Dichloroethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,2-Dichloropropane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,3-Dichlorobenzene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
1,4-Dichlorobenzene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
2-Butanone	BRL	50		µg/L	63035	1	10/9/2005 1:02 PM
2-Hexanone	BRL	10		µg/L	63035	1	10/9/2005 1:02 PM
4-Methyl-2-pentanone	BRL	10		µg/L	63035	1	10/9/2005 1:02 PM
Acetone	BRL	50		µg/L	63035	1	10/9/2005 1:02 PM
Benzene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Bromodichloromethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Bromoform	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Bromomethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Carbon disulfide	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Carbon tetrachloride	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Chlorobenzene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Chloroethane	BRL	10		µg/L	63035	1	10/9/2005 1:02 PM
Chloroform	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Chloromethane	BRL	10		µg/L	63035	1	10/9/2005 1:02 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Cyclohexane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Dibromochloromethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Dichlorodifluoromethane	BRL	10		µg/L	63035	1	10/9/2005 1:02 PM
Ethylbenzene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Freon-113	BRL	10		µg/L	63035	1	10/9/2005 1:02 PM
Isopropylbenzene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
m,p-Xylene	BRL	10		µg/L	63035	1	10/9/2005 1:02 PM
Methyl acetate	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Methyl tert-butyl ether	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Methylcyclohexane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Methylene chloride	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
o-Xylene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *21-Oct-05*

CLIENT:	United Consulting Group Inc.	**Client Sample ID:**	TRIP BLANK
Project:	Attwood Canvas	**Collection Date:**	10/7/2005
Lab ID:	0510396-009	**Matrix:**	AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **NWH**
Styrene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Tetrachloroethene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Toluene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Trichloroethene	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Trichlorofluoromethane	BRL	5.0		µg/L	63035	1	10/9/2005 1:02 PM
Vinyl chloride	BRL	2.0		µg/L	63035	1	10/9/2005 1:02 PM
Surr: 4-Bromofluorobenzene	87.1	66.7-128		%REC	63035	1	10/9/2005 1:02 PM
Surr: Dibromofluoromethane	91.9	72.1-121		%REC	63035	1	10/9/2005 1:02 PM
Surr: Toluene-d8	95.6	75.2-121		%REC	63035	1	10/9/2005 1:02 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc.
Project: Attwood Canvas
Lab Order: 0510396

CASE NARRATIVE

Sample Receipt Non-Conformance:

A Trip Blank was provided but is not listed on the COC. The trip blank was analyzed at no cost to the client. No analyses are indicated on the COC. Client will be contacted on 10/10/05 to confirm that all analyses are required on each sample. A message was left with Kalen Kramer on 10/10/05 informing him that laboratory proceeded with all analysis listed on the COC.

Per Kalen Kramer on 10/11/05 at 10:30 analyze samples as follows:

Samples 001, 006 and 007 should be analyzed for the full suite of analysis.

Samples 002, -003, -004, -005, -008, do not require pH, Conductivity, TOC and Cation Exchange Capacity tests. Analyze these samples for VOC and RCRA 8 only.

Per Kalen Kramer on 10/17/05 at 10:00 analyze samples on standard TAT as follows:

MW1@10' (0510396-002A) for TCLP cis 1,2-Dichloroethene
MW2@5' (0510396-003A) for TCLP Benzene and Toluene
MW4@5' (0510396-007A) for TCLP Isopropylbenzene and Toluene

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 4th Edition. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives unless indicated in the case narrative.

Metals Analysis by Method 6010B:

Matrix spike duplicate recovery for Ba on sample 0510396-001B was outside control limits biased low. LCS recovery was within control limits indicating possible matrix interference.

Matrix spike recovery for Pb on sample 0510396-001B was outside control limits biased low. LCS recovery was within control limits indicating possible matrix interference.

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound Pentafluorobenzene on sample 0510396-002A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

CLIENT:	United Consulting Group Inc.
Project:	Attwood Canvas
Lab Order:	0510396

CASE NARRATIVE

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 0510396-004A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

ANALYTICAL ENVIRONMENTAL SERVICES, INC
378. sidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Orde

Date: 10/11/05 Page 1 of 1

COMPANY: UNITED CONSULTING

ADDRESS: 625 HILLCREST BLVD.

PHONE: (770) 209-0029

FAX: (770) 502-2900

SAMPLED BY: SETH HERSON

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs	RCRA metals	REMARKS	No # of Containers
1	MW 1	10/11	1236	X			X	X		
2	MW 2	10/11	1052	X			X	X		
3	MW 3	10/11	1100	X			X	X		
4	MW 4	10/11	1115	X			X	X		
5	TRIP BLANK 1			X						
6	TRIP BLANK 2			X			X			
7										
8										
9										
10										
11										
12										
13										
14										

PRESERVATION (See codes)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	10.11.05 2:50	1: Marcus D Ledgerwood	10.11.5 2:57
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

PROJECT INFORMATION
PROJECT NAME: ATTWOOD CANVAS
PROJECT #:
SITE ADDRESS: N. MARTIN ST.
SEND REPORT TO: KALEN
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc.

Date: *14-Oct-05*

CLIENT: United Consulting Group Inc.
Project: Attwood Canvas
Lab ID: 0510511-001

Client Sample ID: MW 1
Collection Date: 10/11/2005 10:30:00 AM
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3010A)**		Analyst: **EM**
Arsenic	BRL	0.0200		mg/L	63165	1	10/13/2005 12:00 PM
Barium	0.0449	0.0200		mg/L	63165	1	10/13/2005 12:00 PM
Cadmium	BRL	0.0100		mg/L	63165	1	10/13/2005 12:00 PM
Chromium	BRL	0.0100		mg/L	63165	1	10/13/2005 12:00 PM
Lead	BRL	0.0200		mg/L	63165	1	10/13/2005 12:00 PM
Selenium	BRL	0.0200		mg/L	63165	1	10/13/2005 12:00 PM
Silver	BRL	0.0100		mg/L	63165	1	10/13/2005 12:00 PM
MERCURY, TOTAL		**SW7470A**			**(SW7470A)**		Analyst: **VA**
Mercury	BRL	0.00020		mg/L	63159	1	10/13/2005 1:19 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,1,2-Trichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,1-Dichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,1-Dichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,2-Dibromoethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,2-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,2-Dichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,2-Dichloropropane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,3-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
1,4-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
2-Butanone	BRL	50		µg/L	63143	1	10/12/2005 11:37 PM
2-Hexanone	BRL	10		µg/L	63143	1	10/12/2005 11:37 PM
4-Methyl-2-pentanone	BRL	10		µg/L	63143	1	10/12/2005 11:37 PM
Acetone	BRL	50		µg/L	63143	1	10/12/2005 11:37 PM
Benzene	42	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Bromodichloromethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Bromoform	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Bromomethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Carbon disulfide	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Carbon tetrachloride	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Chlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Chloroethane	BRL	10		µg/L	63143	1	10/12/2005 11:37 PM
Chloroform	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Chloromethane	BRL	10		µg/L	63143	1	10/12/2005 11:37 PM
cis-1,2-Dichloroethene	2600	100		µg/L	63143	20	10/13/2005 8:44 AM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Cyclohexane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
B	Analyte detected in the associated Method Blank
E	Estimated (Value above quantitation range)
S	Surrogate Recovery outside accepted recovery limits
Narr	See Case Narrative
NC	Not Confirmed

CLIENT: United Consulting Group Inc. **Client Sample ID:** MW 1
Project: Attwood Canvas **Collection Date:** 10/11/2005 10:30:00 AM
Lab ID: 0510511-001 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
Dibromochloromethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Dichlorodifluoromethane	BRL	10		µg/L	63143	1	10/12/2005 11:37 PM
Ethylbenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Freon-113	BRL	10		µg/L	63143	1	10/12/2005 11:37 PM
Isopropylbenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
m,p-Xylene	BRL	10		µg/L	63143	1	10/12/2005 11:37 PM
Methyl acetate	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Methyl tert-butyl ether	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Methylcyclohexane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Methylene chloride	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
o-Xylene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Styrene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Tetrachloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Toluene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Trichloroethene	29	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Trichlorofluoromethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:37 PM
Vinyl chloride	78	2.0		µg/L	63143	1	10/12/2005 11:37 PM
Surr: 4-Bromofluorobenzene	87.8	66.7-128		%REC	63143	20	10/13/2005 8:44 AM
Surr: 4-Bromofluorobenzene	88.4	66.7-128		%REC	63143	1	10/12/2005 11:37 PM
Surr: Dibromofluoromethane	96.9	72.1-121		%REC	63143	20	10/13/2005 8:44 AM
Surr: Dibromofluoromethane	94.0	72.1-121		%REC	63143	1	10/12/2005 11:37 PM
Surr: Toluene-d8	92.8	75.2-121		%REC	63143	20	10/13/2005 8:44 AM
Surr: Toluene-d8	90.7	75.2-121		%REC	63143	1	10/12/2005 11:37 PM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

CLIENT: United Consulting Group Inc. **Client Sample ID:** MW 2
Project: Attwood Canvas **Collection Date:** 10/11/2005 10:50:00 AM
Lab ID: 0510511-002 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3010A)**		Analyst: **EM**
Arsenic	BRL	0.0200		mg/L	63165	1	10/13/2005 11:48 AM
Barium	0.100	0.0200		mg/L	63165	1	10/13/2005 11:48 AM
Cadmium	BRL	0.0100		mg/L	63165	1	10/13/2005 11:48 AM
Chromium	BRL	0.0100		mg/L	63165	1	10/13/2005 11:48 AM
Lead	BRL	0.0200		mg/L	63165	1	10/13/2005 11:48 AM
Selenium	BRL	0.0200		mg/L	63165	1	10/13/2005 11:48 AM
Silver	BRL	0.0100		mg/L	63165	1	10/13/2005 11:48 AM
MERCURY, TOTAL		**SW7470A**			**(SW7470A)**		Analyst: **VA**
Mercury	BRL	0.00020		mg/L	63159	1	10/13/2005 1:27 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,1,2-Trichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,1-Dichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,1-Dichloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,2-Dibromoethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,2-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,2-Dichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,2-Dichloropropane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,3-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
1,4-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
2-Butanone	BRL	50		µg/L	63143	1	10/13/2005 12:02 AM
2-Hexanone	BRL	10		µg/L	63143	1	10/13/2005 12:02 AM
4-Methyl-2-pentanone	BRL	10		µg/L	63143	1	10/13/2005 12:02 AM
Acetone	BRL	50		µg/L	63143	1	10/13/2005 12:02 AM
Benzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Bromodichloromethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Bromoform	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Bromomethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Carbon disulfide	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Carbon tetrachloride	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Chlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Chloroethane	BRL	10		µg/L	63143	1	10/13/2005 12:02 AM
Chloroform	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Chloromethane	BRL	10		µg/L	63143	1	10/13/2005 12:02 AM
cis-1,2-Dichloroethene	35	5.0		µg/L	63143	1	10/13/2005 12:02 AM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Cyclohexane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc. **Client Sample ID:** MW 2
Project: Attwood Canvas **Collection Date:** 10/11/2005 10:50:00 AM
Lab ID: 0510511-002 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
Dibromochloromethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Dichlorodifluoromethane	BRL	10		µg/L	63143	1	10/13/2005 12:02 AM
Ethylbenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Freon-113	BRL	10		µg/L	63143	1	10/13/2005 12:02 AM
Isopropylbenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
m,p-Xylene	BRL	10		µg/L	63143	1	10/13/2005 12:02 AM
Methyl acetate	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Methyl tert-butyl ether	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Methylcyclohexane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Methylene chloride	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
o-Xylene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Styrene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Tetrachloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Toluene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Trichloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Trichlorofluoromethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:02 AM
Vinyl chloride	BRL	2.0		µg/L	63143	1	10/13/2005 12:02 AM
Surr: 4-Bromofluorobenzene	86.9	66.7-128		%REC	63143	1	10/13/2005 12:02 AM
Surr: Dibromofluoromethane	96.7	72.1-121		%REC	63143	1	10/13/2005 12:02 AM
Surr: Toluene-d8	94.0	75.2-121		%REC	63143	1	10/13/2005 12:02 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *14-Oct-05*

CLIENT: United Consulting Group Inc.
Client Sample ID: MW 3
Project: Attwood Canvas
Collection Date: 10/11/2005 11:00:00 AM
Lab ID: 0510511-003
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3010A)**		Analyst: **EM**
Arsenic	BRL	0.0200		mg/L	63165	1	10/13/2005 12:04 PM
Barium	0.0473	0.0200		mg/L	63165	1	10/13/2005 12:04 PM
Cadmium	BRL	0.0100		mg/L	63165	1	10/13/2005 12:04 PM
Chromium	BRL	0.0100		mg/L	63165	1	10/13/2005 12:04 PM
Lead	BRL	0.0200		mg/L	63165	1	10/13/2005 12:04 PM
Selenium	BRL	0.0200		mg/L	63165	1	10/13/2005 12:04 PM
Silver	BRL	0.0100		mg/L	63165	1	10/13/2005 12:04 PM
MERCURY, TOTAL		**SW7470A**			**(SW7470A)**		Analyst: **VA**
Mercury	BRL	0.00020		mg/L	63159	1	10/13/2005 1:28 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,1,2-Trichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,1-Dichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,1-Dichloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,2-Dibromoethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,2-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,2-Dichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,2-Dichloropropane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,3-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
1,4-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
2-Butanone	BRL	50		µg/L	63143	1	10/13/2005 12:27 AM
2-Hexanone	BRL	10		µg/L	63143	1	10/13/2005 12:27 AM
4-Methyl-2-pentanone	BRL	10		µg/L	63143	1	10/13/2005 12:27 AM
Acetone	BRL	50		µg/L	63143	1	10/13/2005 12:27 AM
Benzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Bromodichloromethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Bromoform	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Bromomethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Carbon disulfide	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Carbon tetrachloride	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Chlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Chloroethane	BRL	10		µg/L	63143	1	10/13/2005 12:27 AM
Chloroform	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Chloromethane	BRL	10		µg/L	63143	1	10/13/2005 12:27 AM
cis-1,2-Dichloroethene	66	5.0		µg/L	63143	1	10/13/2005 12:27 AM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Cyclohexane	110	5.0		µg/L	63143	1	10/13/2005 12:27 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc. **Client Sample ID:** MW 3
Project: Attwood Canvas **Collection Date:** 10/11/2005 11:00:00 AM
Lab ID: 0510511-003 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
Dibromochloromethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Dichlorodifluoromethane	BRL	10		µg/L	63143	1	10/13/2005 12:27 AM
Ethylbenzene	67	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Freon-113	BRL	10		µg/L	63143	1	10/13/2005 12:27 AM
Isopropylbenzene	18	5.0		µg/L	63143	1	10/13/2005 12:27 AM
m,p-Xylene	BRL	10		µg/L	63143	1	10/13/2005 12:27 AM
Methyl acetate	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Methyl tert-butyl ether	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Methylcyclohexane	240	100		µg/L	63143	20	10/13/2005 11:15 AM
Methylene chloride	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
o-Xylene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Styrene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Tetrachloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Toluene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Trichloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Trichlorofluoromethane	BRL	5.0		µg/L	63143	1	10/13/2005 12:27 AM
Vinyl chloride	BRL	2.0		µg/L	63143	1	10/13/2005 12:27 AM
Surr: 4-Bromofluorobenzene	89.3	66.7-128		%REC	63143	20	10/13/2005 11:15 AM
Surr: 4-Bromofluorobenzene	96.2	66.7-128		%REC	63143	1	10/13/2005 12:27 AM
Surr: Dibromofluoromethane	90.4	72.1-121		%REC	63143	20	10/13/2005 11:15 AM
Surr: Dibromofluoromethane	89.4	72.1-121		%REC	63143	1	10/13/2005 12:27 AM
Surr: Toluene-d8	91.3	75.2-121		%REC	63143	20	10/13/2005 11:15 AM
Surr: Toluene-d8	94.3	75.2-121		%REC	63143	1	10/13/2005 12:27 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc. **Client Sample ID:** MW 4
Project: Attwood Canvas **Collection Date:** 10/11/2005 11:15:00 AM
Lab ID: 0510511-004 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL		**SW6010B**			**(SW3010A)**		Analyst: **EM**
Arsenic	BRL	0.0200		mg/L	63165	1	10/13/2005 12:08 PM
Barium	0.108	0.0200		mg/L	63165	1	10/13/2005 12:08 PM
Cadmium	BRL	0.0100		mg/L	63165	1	10/13/2005 12:08 PM
Chromium	BRL	0.0100		mg/L	63165	1	10/13/2005 12:08 PM
Lead	BRL	0.0200		mg/L	63165	1	10/13/2005 12:08 PM
Selenium	BRL	0.0200		mg/L	63165	1	10/13/2005 12:08 PM
Silver	BRL	0.0100		mg/L	63165	1	10/13/2005 12:08 PM
MERCURY, TOTAL		**SW7470A**			**(SW7470A)**		Analyst: **VA**
Mercury	BRL	0.00020		mg/L	63159	1	10/13/2005 1:30 PM
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,1,2-Trichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,1-Dichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,1-Dichloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,2-Dibromoethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,2-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,2-Dichloroethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,2-Dichloropropane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,3-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
1,4-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
2-Butanone	BRL	50		µg/L	63143	1	10/13/2005 1:41 AM
2-Hexanone	BRL	10		µg/L	63143	1	10/13/2005 1:41 AM
4-Methyl-2-pentanone	BRL	10		µg/L	63143	1	10/13/2005 1:41 AM
Acetone	BRL	50		µg/L	63143	1	10/13/2005 1:41 AM
Benzene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Bromodichloromethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Bromoform	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Bromomethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Carbon disulfide	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Carbon tetrachloride	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Chlorobenzene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Chloroethane	BRL	10		µg/L	63143	1	10/13/2005 1:41 AM
Chloroform	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Chloromethane	BRL	10		µg/L	63143	1	10/13/2005 1:41 AM
cis-1,2-Dichloroethene	1100	100		µg/L	63143	20	10/13/2005 11:40 AM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Cyclohexane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc. **Client Sample ID:** MW 4
Project: Attwood Canvas **Collection Date:** 10/11/2005 11:15:00 AM
Lab ID: 0510511-004 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
Dibromochloromethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Dichlorodifluoromethane	BRL	10		µg/L	63143	1	10/13/2005 1:41 AM
Ethylbenzene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Freon-113	BRL	10		µg/L	63143	1	10/13/2005 1:41 AM
Isopropylbenzene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
m,p-Xylene	BRL	10		µg/L	63143	1	10/13/2005 1:41 AM
Methyl acetate	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Methyl tert-butyl ether	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Methylcyclohexane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Methylene chloride	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
o-Xylene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Styrene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Tetrachloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Toluene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Trichloroethene	110	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Trichlorofluoromethane	BRL	5.0		µg/L	63143	1	10/13/2005 1:41 AM
Vinyl chloride	6.5	2.0		µg/L	63143	1	10/13/2005 1:41 AM
Surr: 4-Bromofluorobenzene	84.0	66.7-128		%REC	63143	20	10/13/2005 11:40 AM
Surr: 4-Bromofluorobenzene	90.4	66.7-128		%REC	63143	1	10/13/2005 1:41 AM
Surr: Dibromofluoromethane	94.7	72.1-121		%REC	63143	20	10/13/2005 11:40 AM
Surr: Dibromofluoromethane	89.1	72.1-121		%REC	63143	1	10/13/2005 1:41 AM
Surr: Toluene-d8	89.7	75.2-121		%REC	63143	1	10/13/2005 1:41 AM
Surr: Toluene-d8	93.0	75.2-121		%REC	63143	20	10/13/2005 11:40 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc. **Client Sample ID:** TRIP BLANK A
Project: Attwood Canvas **Collection Date:** 10/11/2005
Lab ID: 0510511-005 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,1,2-Trichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,1-Dichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,1-Dichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,2-Dibromoethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,2-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,2-Dichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,2-Dichloropropane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,3-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
1,4-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
2-Butanone	BRL	50		µg/L	63143	1	10/12/2005 10:46 PM
2-Hexanone	BRL	10		µg/L	63143	1	10/12/2005 10:46 PM
4-Methyl-2-pentanone	BRL	10		µg/L	63143	1	10/12/2005 10:46 PM
Acetone	BRL	50		µg/L	63143	1	10/12/2005 10:46 PM
Benzene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Bromodichloromethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Bromoform	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Bromomethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Carbon disulfide	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Carbon tetrachloride	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Chlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Chloroethane	BRL	10		µg/L	63143	1	10/12/2005 10:46 PM
Chloroform	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Chloromethane	BRL	10		µg/L	63143	1	10/12/2005 10:46 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Cyclohexane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Dibromochloromethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Dichlorodifluoromethane	BRL	10		µg/L	63143	1	10/12/2005 10:46 PM
Ethylbenzene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Freon-113	BRL	10		µg/L	63143	1	10/12/2005 10:46 PM
Isopropylbenzene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
m,p-Xylene	BRL	10		µg/L	63143	1	10/12/2005 10:46 PM
Methyl acetate	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Methyl tert-butyl ether	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Methylcyclohexane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Methylene chloride	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
o-Xylene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- E Estimated (Value above quantitation range)
- S Surrogate Recovery outside accepted recovery limits
- Narr See Case Narrative
- NC Not Confirmed

CLIENT: United Consulting Group Inc. **Client Sample ID:** TRIP BLANK A
Project: Attwood Canvas **Collection Date:** 10/11/2005
Lab ID: 0510511-005 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
Styrene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Tetrachloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Toluene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Trichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Trichlorofluoromethane	BRL	5.0		µg/L	63143	1	10/12/2005 10:46 PM
Vinyl chloride	BRL	2.0		µg/L	63143	1	10/12/2005 10:46 PM
Surr: 4-Bromofluorobenzene	88.0	66.7-128		%REC	63143	1	10/12/2005 10:46 PM
Surr: Dibromofluoromethane	95.1	72.1-121		%REC	63143	1	10/12/2005 10:46 PM
Surr: Toluene-d8	93.2	75.2-121		%REC	63143	1	10/12/2005 10:46 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

Analytical Environmental Services, Inc.

Date: *14-Oct-05*

CLIENT: United Consulting Group Inc.
Client Sample ID: TRIP BLANK B
Project: Attwood Canvas
Collection Date: 10/11/2005
Lab ID: 0510511-006
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
1,1,1-Trichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,1,2-Trichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,1-Dichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,1-Dichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,2-Dibromoethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,2-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,2-Dichloroethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,2-Dichloropropane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,3-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
1,4-Dichlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
2-Butanone	BRL	50		µg/L	63143	1	10/12/2005 11:11 PM
2-Hexanone	BRL	10		µg/L	63143	1	10/12/2005 11:11 PM
4-Methyl-2-pentanone	BRL	10		µg/L	63143	1	10/12/2005 11:11 PM
Acetone	BRL	50		µg/L	63143	1	10/12/2005 11:11 PM
Benzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Bromodichloromethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Bromoform	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Bromomethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Carbon disulfide	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Carbon tetrachloride	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Chlorobenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Chloroethane	BRL	10		µg/L	63143	1	10/12/2005 11:11 PM
Chloroform	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Chloromethane	BRL	10		µg/L	63143	1	10/12/2005 11:11 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Cyclohexane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Dibromochloromethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Dichlorodifluoromethane	BRL	10		µg/L	63143	1	10/12/2005 11:11 PM
Ethylbenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Freon-113	BRL	10		µg/L	63143	1	10/12/2005 11:11 PM
Isopropylbenzene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
m,p-Xylene	BRL	10		µg/L	63143	1	10/12/2005 11:11 PM
Methyl acetate	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Methyl tert-butyl ether	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Methylcyclohexane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Methylene chloride	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
o-Xylene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

CLIENT: United Consulting Group Inc. **Client Sample ID:** TRIP BLANK B
Project: Attwood Canvas **Collection Date:** 10/11/2005
Lab ID: 0510511-006 **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**SW8260B**			**(SW5030B)**		Analyst: **JTC**
Styrene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Tetrachloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Toluene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Trichloroethene	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Trichlorofluoromethane	BRL	5.0		µg/L	63143	1	10/12/2005 11:11 PM
Vinyl chloride	BRL	2.0		µg/L	63143	1	10/12/2005 11:11 PM
Surr: 4-Bromofluorobenzene	84.4	66.7-128		%REC	63143	1	10/12/2005 11:11 PM
Surr: Dibromofluoromethane	94.3	72.1-121		%REC	63143	1	10/12/2005 11:11 PM
Surr: Toluene-d8	94.3	75.2-121		%REC	63143	1	10/12/2005 11:11 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Surrogate Recovery outside accepted recovery limits
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Ord: _____

Date: _____ Page _____ of _____

COMPANY: UNITED CONSULTING	ADDRESS: 625 HOLCOMB BR RD NORCROSS, GA 30071
PHONE: 770. 582 2033	FAX: 770.582.2960
SAMPLED BY: KALEN KRAMER	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	MW-1	10.18		X		A	X		1
2	MW-2	"		X		A	X		1
3	MW-3	"		X		A	X		1
4	MW-4	"		X		A	X		1
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED: VOC (8260)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	4:00 10/18/07	1:	
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / /
VIA:
IN
VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: HITTWOOD CANVAS
PROJECT #:
SITE ADDRESS:
SEND REPORT TO: KALEN KRAMER
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 4

Turnaround Time Request
- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Results
for
United Consulting Group Inc.
WorkOrder: 0510913
Client Reference: Attwood Canvas

Analyte	Concentration (ug)	Concentration (mg/m^3)	Concentration (ppm)	Limit of Detection (ug)	Qual	Test Method	Date Analyzed /Analyst	
Client ID: MW-1	**Lab ID:** 001A	**Date Sampled:** 10/18/2005		**Media:** Tedlar Bag		**Air Vol.(L):** 1		
1,1,1-Trichloroethane	<10	<10	<1.8	10		EPA18	10/22/2005	RS
1,1-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
2-Butanone	<10	<10	<3.4	10		EPA18	10/22/2005	RS
4-Methyl-2-pentanone	<10	<10	<2.4	10		EPA18	10/22/2005	RS
Acetone	<10	<10	<4.2	10		EPA18	10/22/2005	RS
Benzene	<10	<10	<3.1	10		EPA18	10/22/2005	RS
Carbon tetrachloride	<10	<10	<1.6	10		EPA18	10/22/2005	RS
Chloroform	<10	<10	<2.0	10		EPA18	10/22/2005	RS
cis-1,2-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
Diethyl ether	<10	<10	<3.3	10		EPA18	10/22/2005	RS
Ethylbenzene	<10	<10	<2.3	10		EPA18	10/22/2005	RS
Freon 141B	<10	<10	<2.1	10		EPA18	10/22/2005	RS
m,p-Xylene	<20	<20	<4.6	20		EPA18	10/22/2005	RS
Methyl tert-butyl ether	<10	<10	<2.8	10		EPA18	10/22/2005	RS
Methylene chloride	<10	<10	<2.9	10		EPA18	10/22/2005	RS
Naphthalene	<10	<10	<1.9	10		EPA18	10/22/2005	RS
n-Heptane	<10	<10	<2.4	10		EPA18	10/22/2005	RS
n-Hexane	<10	<10	<2.8	10		EPA18	10/22/2005	RS
o-Xylene	<10	<10	<2.3	10		EPA18	10/22/2005	RS
Tetrachloroethene	<10	<10	<1.5	10		EPA18	10/22/2005	RS
Toluene	<10	<10	<2.7	10		EPA18	10/22/2005	RS
trans-1,2-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
Trichloroethene	<10	<10	<1.9	10		EPA18	10/22/2005	RS
TRPH (Based on Benzene)	230	230	71	100		EPA18	10/22/2005	RS
Vinyl chloride	<10	<10	<3.9	10		EPA18	10/22/2005	RS

Analytical Results
for
United Consulting Group Inc.
WorkOrder: 0510913
Client Reference: Attwood Canvas

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Qual	Test Method	Date Analyzed /Analyst	
Client ID: MW-2	**Lab ID:** 002A	**Date Sampled:** 10/18/2005			**Media:** Tedlar Bag		**Air Vol.(L):** 1	
1,1,1-Trichloroethane	<10	<10	<1.8	10		EPA18	10/22/2005	RS
1,1-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
2-Butanone	<10	<10	<3.4	10		EPA18	10/22/2005	RS
4-Methyl-2-pentanone	<10	<10	<2.4	10		EPA18	10/22/2005	RS
Acetone	<10	<10	<4.2	10		EPA18	10/22/2005	RS
Benzene	<10	<10	<3.1	10		EPA18	10/22/2005	RS
Carbon tetrachloride	<10	<10	<1.6	10		EPA18	10/22/2005	RS
Chloroform	<10	<10	<2.0	10		EPA18	10/22/2005	RS
cis-1,2-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
Diethyl ether	<10	<10	<3.3	10		EPA18	10/22/2005	RS
Ethylbenzene	<10	<10	<2.3	10		EPA18	10/22/2005	RS
Freon 141B	<10	<10	<2.1	10		EPA18	10/22/2005	RS
m,p-Xylene	<20	<20	<4.6	20		EPA18	10/22/2005	RS
Methyl tert-butyl ether	<10	<10	<2.8	10		EPA18	10/22/2005	RS
Methylene chloride	<10	<10	<2.9	10		EPA18	10/22/2005	RS
Naphthalene	<10	<10	<1.9	10		EPA18	10/22/2005	RS
n-Heptane	<10	<10	<2.4	10		EPA18	10/22/2005	RS
n-Hexane	<10	<10	<2.8	10		EPA18	10/22/2005	RS
o-Xylene	<10	<10	<2.3	10		EPA18	10/22/2005	RS
Tetrachloroethene	<10	<10	<1.5	10		EPA18	10/22/2005	RS
Toluene	<10	<10	<2.7	10		EPA18	10/22/2005	RS
trans-1,2-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
Trichloroethene	<10	<10	<1.9	10		EPA18	10/22/2005	RS
TRPH (Based on Benzene)	110	110	34	100		EPA18	10/22/2005	RS
Vinyl chloride	<10	<10	<3.9	10		EPA18	10/22/2005	RS

Analytical Results
for
United Consulting Group Inc.

WorkOrder: 0510913

Client Reference: Attwood Canvas

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Qual	Test Method	Date Analyzed /Analyst	
Client ID: MW-3	**Lab ID:** 003A	**Date Sampled:** 10/18/2005		**Media:** Tedlar Bag		**Air Vol.(L):** 1		
1,1,1-Trichloroethane	<10	<10	<1.8	10		EPA18	10/22/2005	RS
1,1-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
2-Butanone	<10	<10	<3.4	10		EPA18	10/22/2005	RS
4-Methyl-2-pentanone	<10	<10	<2.4	10		EPA18	10/22/2005	RS
Acetone	<10	<10	<4.2	10		EPA18	10/22/2005	RS
Benzene	<10	<10	<3.1	10		EPA18	10/22/2005	RS
Carbon tetrachloride	<10	<10	<1.6	10		EPA18	10/22/2005	RS
Chloroform	<10	<10	<2.0	10		EPA18	10/22/2005	RS
cis-1,2-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
Diethyl ether	<10	<10	<3.3	10		EPA18	10/22/2005	RS
Ethylbenzene	<10	<10	<2.3	10		EPA18	10/22/2005	RS
Freon 141B	<10	<10	<2.1	10		EPA18	10/22/2005	RS
m,p-Xylene	<20	<20	<4.6	20		EPA18	10/22/2005	RS
Methyl tert-butyl ether	<10	<10	<2.8	10		EPA18	10/22/2005	RS
Methylene chloride	<10	<10	<2.9	10		EPA18	10/22/2005	RS
Naphthalene	<10	<10	<1.9	10		EPA18	10/22/2005	RS
n-Heptane	52	52	13	10		EPA18	10/22/2005	RS
n-Hexane	15	15	4.1	10		EPA18	10/24/2005	RS
o-Xylene	<10	<10	<2.3	10		EPA18	10/22/2005	RS
Tetrachloroethene	<10	<10	<1.5	10		EPA18	10/22/2005	RS
Toluene	<10	<10	<2.7	10		EPA18	10/22/2005	RS
trans-1,2-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
Trichloroethene	<10	<10	<1.9	10		EPA18	10/22/2005	RS
TRPH (Based on Benzene)	510	510	160	100		EPA18	10/22/2005	RS
Vinyl chloride	<10	<10	<3.9	10		EPA18	10/22/2005	RS

Analytical Results
for
United Consulting Group Inc.
WorkOrder: 0510913
Client Reference: Attwood Canvas

Analyte	Concentration			Limit of Detection	Qual	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)	(ug)				
Client ID: MW-4	**Lab ID:** 004A	**Date Sampled:** 10/18/2005		**Media:** Tedlar Bag		**Air Vol.(L):** 1		
1,1,1-Trichloroethane	<10	<10	<1.8	10		EPA18	10/22/2005	RS
1,1-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
2-Butanone	<10	<10	<3.4	10		EPA18	10/22/2005	RS
4-Methyl-2-pentanone	<10	<10	<2.4	10		EPA18	10/22/2005	RS
Acetone	<10	<10	<4.2	10		EPA18	10/22/2005	RS
Benzene	<10	<10	<3.1	10		EPA18	10/22/2005	RS
Carbon tetrachloride	<10	<10	<1.6	10		EPA18	10/22/2005	RS
Chloroform	<10	<10	<2.0	10		EPA18	10/22/2005	RS
cis-1,2-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
Diethyl ether	<10	<10	<3.3	10		EPA18	10/22/2005	RS
Ethylbenzene	<10	<10	<2.3	10		EPA18	10/22/2005	RS
Freon 141B	<10	<10	<2.1	10		EPA18	10/22/2005	RS
m,p-Xylene	<20	<20	<4.6	20		EPA18	10/22/2005	RS
Methyl tert-butyl ether	<10	<10	<2.8	10		EPA18	10/22/2005	RS
Methylene chloride	<10	<10	<2.9	10		EPA18	10/22/2005	RS
Naphthalene	<10	<10	<1.9	10		EPA18	10/22/2005	RS
n-Heptane	<10	<10	<2.4	10		EPA18	10/22/2005	RS
n-Hexane	<10	<10	<2.8	10		EPA18	10/22/2005	RS
o-Xylene	<10	<10	<2.3	10		EPA18	10/22/2005	RS
Tetrachloroethene	<10	<10	<1.5	10		EPA18	10/22/2005	RS
Toluene	<10	<10	<2.7	10		EPA18	10/22/2005	RS
trans-1,2-Dichloroethene	<10	<10	<2.5	10		EPA18	10/22/2005	RS
Trichloroethene	<10	<10	<1.9	10		EPA18	10/22/2005	RS
TRPH (Based on Benzene)	<100	<100	<31	100		EPA18	10/22/2005	RS
Vinyl chloride	<10	<10	<3.9	10		EPA18	10/22/2005	RS

(a) Analysis indicates possible breakthrough; back section result is greater than 0% of the front section result.

General Notes:
<: Less than the indicated limit of detection (LOD).
--: Information not available or not applicable.
Back sections were checked and showed no significant breakthrough.

APPENDIX D - Investigation Procedures

The Procedures Used Are Listed Below and Included Following This Page

Decontamination Procedures

Chain-Of-Custody Procedures

Soil Drilling Procedures

General Sample Collection Procedures for Analytical Testing

Groundwater Sampling

Monitoring Well Installations

DECONTAMINATION

The cleaning procedures outlined here are for use in cleaning sampling and other field equipment prior to field use. Sufficient clean equipment and sample containers should be transported to the field so that an entire inspection or investigation can be conducted without the need for field cleaning of equipment. In-house cleaning procedures differ from in-field procedures in that the procedures should include the use of hot water. However, this will not always be possible when using specialized field equipment. Specific cleaning procedures are presented in the following sections. Deviations from these procedures will be documented.

Equipment that is used to collect samples of hazardous materials or toxic wastes or materials from hazardous waste sites shall be decontaminated before it is returned from the field. At a minimum, this decontamination procedure shall consist of washing with laboratory detergent and rinsing with tap water. More stringent decontamination procedures may be required, depending on the waste samples and the program.

Sampling equipment shall generally be cleaned as follows:

1. Wash the equipment thoroughly with laboratory detergent and tap water, scrubbing with a brush to remove any particulate matter or surface film.

2. Rinse the equipment thoroughly with tap water.

3. Rinse equipment (other than metal) with a 10 - 15 percent nitric acid solution. A 10 - 15 percent hydrochloric acid rinse is required if nutrients are of interest, after nitric acid or in place of the nitric acid rinse.

4. Rinse equipment thoroughly with distilled / de-ionized water.

5. Rinse equipment thoroughly (twice) with pesticide-grade isopropanol (for specified sites).

6. Rinse equipment thoroughly with analyte-free water.

7. Air dry completely, as appropriate for the project.

8. As appropriate, wrap equipment completely with aluminum foil (shiny side out) to prevent contamination during storage and/or transport to the field. Seal the foil wrapped equipment in plastic, date, and initial.

Other equipment shall generally be decontaminated in the following manner:

1. Wash equipment thoroughly with detergent and tap water using a brush to remove any particulate matter or surface film.

2. Rinse equipment with tap water.
3. Rinse equipment with analyte free water.

If nutrients are of interest, hydrochloric acid will be used as a rinse prior to Number 3 above, for all equipment that is likely to contact the sample.

1. New Teflon^{R} tubing will be pre-cleaned in the office as follows:

2. Rinse outside of tubing with pesticide grade solvent.

3. Flush interior of tubing with pesticide grade solvent.

4. Dry overnight in the oven or equivalent (zero air, nitrogen, etc.).

5. Wrap tubing and cap ends in aluminum foil and seal in plastic for transport and storage. Store in a clean, dry area until use.

Augers, soil boring and drilling rigs will be cleaned with steam cleaner or hand washed with a brush using detergent (does not have the be laboratory detergent, but should not be a degreaser) to remove oil, grease, and hydraulic fluid from the exterior of the units. These units should then be rinsed thoroughly with tap water.

CHAIN-OF-CUSTODY

Sample custody includes procedures for sample identification, sample control, Chain-of-Custody (or COC), maintenance, and document control. Employees shall maintain sample COC during all field investigations for all samples collected. The method of sample identification utilized depends on the type of sample collected. Samples, other than those collected for inside field measurements or analyses, are identified by using a sample label. The laboratory will usually provide sample labels and an initiated COC. The sampler shall fill out the following information on the sample label:

Project Number
Sample Number
Date and Time
Sampler - name of sampler

The sample number is assigned by the project leader or field investigator. This number is ordinarily an alpha-numeric code, designed for a particular inspection or investigation. The sample number may (usually do) contain components, which indicate the sampling site, the sample location, and type of sample.

The possession of samples or other physical evidence shall be traceable from the time they are obtained until they are introduced as evidence in legal proceedings. Only a portion of COC procedures is the responsibility of United Consulting personnel. Use of the COC form creates an accurate written record (paper trail) that can be used to trace the possession and handling of the sample from cleaning of the container prior to its collection through analysis and reporting.

A sample or other physical evidence is in custody if it is:

1. Is in the field investigator's or the transferee's actual possession; or
2. In the field investigator's or the transferee's view, after being in his/her physical possession; or
3. In the field investigator's or the transferee's physical possession and then he/she secured it to prevent tampering; or
4. Placed in a designated secure area.

The responsibility for sample custody usually begins and ends with the laboratory manager or designee, with the field team being intermediary in this chain. Formal COC starts when the pre-cleaned sample containers are dispatched tot he field. A COC record should be signed by the laboratory person relinquishing the sample containers. COC is concluded when the sample is received and analyzed at the laboratory with the sample report being generated. The field team leader and the field samplers will be responsible for continuing the COC from the time the bottles were received by them through sample collection until their release to the shipper or laboratory. The shipper or laboratory will use its internal COC and quality control procedures to ensure the integrity of the samples.

The field COC record is used to record the custody of all samples collected and maintained by personnel. Copies of the COC form will be maintained with project records. The following information must be supplied to complete the field COC record:

1. United Consulting's project number.

2. The client name and project location.

3. Name and signature of sampler responsible for sample transmittal.

4. Name of all samplers.

5. The sample number, date of sample collection, and any special remarks for the laboratory must be included on each line (each line shall contain only those samples collected at a specific location).

6. Analyses required.

7. The date and time of sample transfer must be documented in the proper space on the record.

Once the record is completed, it becomes an accountable document and will be maintained in the project file.

SOIL DRILLING AND SAMPLING

Sub-surface soil samples are most routinely collected from holes bored into the ground, although excavations are also common. The most common procedures are auger drilling and rotary drilling. Auger drilling may be with hand or power operated equipment. Auger equipment uses a rotary method of advancement with the tool screwed into the ground. The cuttings are circulated, or removed from the borehole by travel up or into the auger tool. Rotary drilling commonly utilizes a fluid to remove the drilling cuttings. Drilling fluids are air, water, or drilling mud. The fluids are circulated out of the borehole and collected in a trough or filter. The cuttings from both methods may be used for sampling, but separate sample collection is preferred.

Standard Penetration Test (SPT) borings are the most common boring sampling methodology. A split-spoon soil sampler about 2 inches in diameter is driven into the ground and the resistance to penetration is measured by counting the number of blows (blow count or N) required to drive the sampler 18 inches. The sampler is driven using a 140-pound hammer dropping freely a distance of 30 inches. Most split-spoon samplers obtain 18-inch or 24-inch soil samples. With rotary drilling and solid-stem auger drilling techniques, the drilling tools are removed from the borehole for the insertion and driving of the split-spoon soil sampler. With hollow stem augers, the split-spoon soil sampler is driven through and in advance of the hollow stem augers.

GENERAL SAMPLE COLLECTION PROCEDURES FOR ANALYTICAL TESTING

Analyte free sample containers will be obtained from a subcontracted laboratory. Alternatively, sample containers will be purchased from a commercial vendor (ICHEM) as pre-cleaned containers, commercially prepared (per EPA protocols) to the appropriate level.

Appropriate sampling reference documentation will be available in the field. The documentation available may include a project specific sampling plan, quality assurance project plan, and a Health and Safety Plan. Additional documentation that may be required includes MSDS sheets appropriate to chemicals used in the field, and safety training documentation.

Disposable un-powdered latex gloves will be worn while sampling. These gloves will be changed prior to moving to the next sampling point. Rubber gloves will be used for hazardous waste sampling. Samples will be collected in order, from the least to the most contaminated area.

Wells with free product will not be sampled for trace chemical analysis.

When chemical samples are required from a sampling location, the order of sample collection will be as follows:

1) Volatile Organic Compounds (VOCs),
2) Total Organic Halides (TOX),
3) Total Organic Carbon (TOC),
4) Extractable organics (Semi VOCs) (including PCBs and pesticides),
5) Total metals,
6) Dissolved metals,
7) Microbiological,
8) Phenols,
9) Cyanide,
10) Inorganic,
11) Turbidity, and
12) All other parameters.

GROUNDWATER SAMPLING

All meters used for fields measurements of pH and specific conductance, will be calibrated by the sampling team prior to initial sampling. The calibration of field meters will be checked every ten to 20 readings and appropriately re-calibrated if the accuracy of precision are out of required specification.

Upon arrival at the well location, the condition of the well will be observed and recorded in a field notebook or on a field form. Information to be noted will include:

1. Condition of the well exterior (painted, etc.);

2. Conditions of the locking cap and key;

3. Well integrity (well cement footing and protective casing);

4. Physical disturbance of the well casing or area around the well;

5. Weather conditions (winds directions); and

6. Evidence of contamination.

If free product is known or suspected in a well, additional procedures and precautions will be required as discussed later. Fuel powered equipment will be placed away from and downwind of any site activities (purging, sampling, decontamination, etc.). Lanyards will be kept off of the ground while purging or sampling. A protective covering will be placed on the ground around the well head when sampling.

Water table measurements from the top of the well casings should be made to determine the general direction of ground-water flow and gradient. Water table measurements will not be taken until the water table has stabilized. The ground surface elevation at the wells will be determined by standard engineering survey practices.

In addition to water level measurements, the pumping rate used to purge a well, the volume of water in wells, and driller's logs are examples of auxiliary data that will be collected during groundwater sampling activities. This information will be documented in field records. Methodology for obtaining these data are given in the following sections.

Monitoring well purging and sampling may be accomplished by using in-place plumbing or pumps. Pumps that may be used include peristaltic, bladder, centrifugal, air lift, and piston displacement, depending on well depth. Bailers may be used for purging. However, bailing may stir up sediment in the well if conducted improperly. Other monitoring equipment used during purging includes water level indicators, pH meters, thermometers, and conductivity meters. Specific purging and sampling procedures are available for various pumps; but most wells will be purged and sampled using bailers, as discussed below.

Wells shall be purged before taking samples in order to clear the well of stagnant water which is not representative of aquifer conditions. The wells will be purged by removing a quantity of three to five times the volume of standing water in the well and generally until the specific conductance, temperature, and pH of the ground water stabilizes. These readings must be taken at intervals of no less than five minutes apart. Normally, a combination of the two methods will be employed (i.e., specific conductance, temperature, and pH are measured at intervals, and three to five well volumes purged). If a well is pumped dry, the purge will be considered adequate and the well will be sampled following recovery. If the well has not recovered sufficiently within 10 hours, sampling may not proceed.

Cleaned bailers with new nylon or polyethylene rope may be used for well purging. Factory pre-cleaned disposable bailers are sometimes used. These bailers are received cleaned and sealed. No additional cleaning will be performed, and the bailers will be used once only. When bailing, new plastic sheeting should be placed on the ground around each well to provide a clean working area. Slowly lower the bailer down the well until contact with the water is heard or felt. Lower the bailer to just below the water level. Purging should begin from just below the top of the water level as it falls. Slowly retrieve the bailer making sure there is as little disturbance to the water column as possible. The rope or bailer should not touch the ground surface prior to re-entry into the well.

Aqueous samples for volatile organic compounds (VOCs) will not be mixed or composited. They will be collected with a bailer. The vials (40 ml) should be completely filled to prevent volatilization, and extreme caution will be exercised when filling a vial to avoid any turbulence, which could also produce volatilization. The sampling will be carefully poured down the side of the vial to minimize turbulence. The last few drops will be gently poured into the vial so that surface tension holds the water in a "convex meniscus." The cap will then be applied with the Teflon^{R} side of the septum contacting the sample. Some overflow will occur, but air space in the bottle will be eliminated. There should be no headspace in the sample container. After capping, the bottler will be turned over and tapped to check for bubbles.

WELL CONSTRUCTION PROCEDURES

Wells are constructed consistent with procedures recommended by the United States Environmental Protection Agency (EPA). The wells are constructed in a minimum 4-inch diameter borehole. The bottom of the monitoring wells are set with a ten-foot (generally 5-foot to 20-foot) long, PVC section of screen with 0.010-inch (number 10 size) slots. Additional flush-coupled PVC risers are added to the screened section to place the well cap near or within 30 inches above the ground surface. The monitoring wells are backfilled with 10-30 sized or Ottawa sized clean sand in the annular space to two feet above the top of the screened section. A typical three-foot thick, hydrated bentonite seal is placed above the sand. For temporary wells, the reminder of the borehole annular space may be filled with drill cuttings or left open. for permanent monitoring wells, the annular space is sealed with a cement or bentonite/cement grout. Permanent wells are then capped with a locking well cover.

For well construction, use new disposable, un-powdered latex gloves to avoid contaminating the well materials. Place sand and bentonite slowly into the well to avoid creating a bridge between the soil and well pipe in the borehole annulus. Do not place sand or bentonite on the ground surface and then into the hole, unless plastic is placed on the ground first, without pouring onto the adjacent ground surface. A well log must be prepared following construction. The log must include the depth of the hole and depth intervals of each material used. It must also describe the materials penetrated (lithology) and used for the well. Soil field test data and groundwater measurements should be included, as well. The locations of the wells should be shown on an appropriate figure, to scale if practical.

APPENDIX E – LRM Data

Table 1: Summary of Well Depths and Screen Intervals

Well Number (Screened Formation)	Total Depth (Feet bgs.)	Screened Interval			
		Feet Below Ground Surface		Elevation[1]	
		Top	Bottom	Top	Bottom
MW-1 (Soil)	OUT OF COMMISSION				
MW-2 (Soil)	25.5	15.5	25.0	1009.2	999.7
MW-3 (Soil)	32.8	23.0	32.3	1005.3	996.0
MW-4 (Soil)	40.0	19.5	39.0	1008.6	989.1
MW-5 (Rock)	61.3	45.5	60.5	981.8	966.8
MW-6 (Soil)	40.0	25.0	39.5	1013.9	999.4
MW-7 (Rock)	62.5	47.5	61.5	979.6	965.6
MW-8 (Soil)	39.3	29.0	38.3	998.5	989.2
MW-9 (Rock)	81.1	66.2	80.1	951.9	938.1
MW-10 (Soil)	57.0	36.9	56.0	981.0	962.0
MW-11 (Rock)	106.3	91.0	105.7	930.0	915.3
MW-12 (Soil)	79.2	59.0	78.0	962.8	943.8
MW-13 (Rock)	97.0	81.5	95.0	939.7	926.1
MW-14 (Soil)	73.7	53.8	73.0	967.5	948.3
MW-15 (Soil)	37.0	18.0	36.5	1011.5	993.0
MW-16 (Rock)	56.0	45.5	55.0	983.8	974.3
MW-17 (Soil)	36.3	16.0	35.0	1018.2	999.2
MW-18 (Soil)	38.0	23.0	37.0	1017.2	1003.2
MW-19 (Soil)	29.5	9.5	29.0	1011.9	992.4
MW-20 (Soil)	27.5	7.5	26.5	1010.4	991.4
MW-21 (Soil)	24.5	9.8	23.8	1018.2	1004.2
MW-22 (Soil)	28.0	8.0	27.0	1013.1	994.1
MW-23 (Rock)	69.5	60.0	68.8	977.5	968.7
MW-24 (Soil)	60.0	24.0	58.5	1013.5	979.0
MW-25 (Deep Rock)	200.0	190.0	200.0	836.9	826.9
RW-1 (Soil/Rock)	34.5	3.7	33.6	1024.0	994.1
RW-2 (Soil/Rock)	70.2	20.0	70.0	1005.6	955.6
RW-3 (Soil/Rock)	79.6	18.7	79.4	998.8	938.1
RW-4 (Soil/Rock)	130.3	28.7	130.2	991.9	890.4
RW-5 (Soil/Rock)	70.2	20.0	70.0	1009.1	959.1

Note:

[1)] National Geodetic Vertical Datum

Prepared/Date: PAH 9/2/99
Checked/Date: EMR 10/13/99

LAW Project No. 12000-9-0073

Table 2: Ground-Water Measurements

Monitoring Well/ Piezometer	Top of Casing Elevation[1] (ft)	March 15, 2000		April 26, 2000	
		Depth to Ground-Water (ft)	Ground-Water Elevation[1] (ft)	Depth to Ground-Water (ft)	Ground-Water Elevation[1] (ft)
MW-1 (Soil)	1037.44	Out of Commission		Out of Commission	
MW-2 (Soil)	1026.58	12.85	1013.73	12.82	1013.76
MW-3 (Soil)	1030.4	16.43	1013.97	15.96	1014.44
MW-4 (Soil)	1030.23	16.28	1013.95	15.67	1014.56
MW-5 (Rock)	1029.77	20.76	1009.01	20.63	1009.14
MW-6 (Soil)	1041.48	27.00	1014.48	24.30	1017.18
MW-7 (Rock)	1029.45	15.92	1013.53	17.44	1012.01
MW-8 (Soil)	1029.88	16.53	1013.35	16.04	1013.84
MW-9 (Rock)	1020.64	7.37	1013.27	7.54	1013.10
MW-10 (Soil)	1020.36	7.74	1012.62	8.80	1011.56
MW-11 (Rock)	1023.47	15.14	1008.33	18.74	1004.73
MW-12 (Soil)	1022.67	15.13	1007.54	18.70	1003.97
MW-13 (Rock)	1023.56	15.12	1008.44	22.66	1000.90
MW-14 (Soil)	1023.68	15.13	1008.55	19.90	1003.78
MW-15 (Soil)	1029.12	16.75	1012.37	19.30	1009.82
MW-16 (Rock)	1028.94	16.52	1012.42	23.61	1005.33
MW-17 (Soil)	1034.04	20.52	1013.52	20.29	1013.75
MW-18 (Soil)	1043.04	28.24	1014.80	27.69	1015.35
MW-19 (Soil)	1023.69	15.55	1008.14	18.03	1005.66
MW-20 (Soil)	1020.10	8.21	1011.89	9.03	1011.07
MW-21 (Soil)	1030.49	17.24	1013.25	16.20	1014.29
MW-22 (Soil)	1023.50	16.30	1007.20	19.16	1004.34
MW-23 (Rock)	1037.26	24.09	-	20.88	-
MW-24 (Soil)	1037.25	24.50	1012.75	21.45	1015.80
MW-25 (Deep Rock)	1029.37	Dry to Measured Depth of 99.0		Dry to Measured Depth of 98.5	
P-1 (Soil)	1027.70	Out of Commission		Out of Commission	
P-2 (Soil)	1024.80	11.43	1013.37	11.88	1012.92
P-3 (Soil)	Out of Commission	Out of Commission		Out of Commission	
P-4 (Soil)	1017.40	5.19	1012.21	5.6	1011.8
P-5 (Soil)	1028.24	Out of Commission		Out of Commission	
P-6 (Soil)	1021.10	12.01	1009.09	15.11	1005.99
P-7 (Soil)	1031.43	18.55	1012.88	20.14	1011.29
P-8 (Soil)	1021.39	(3)	(3)	14.18	1007.21
RW-1 (Soil/Rock)	1029.68	16.32	1013.36	16.50	1013.18
RW-2 (Soil/Rock)	1027.62	14.48	1013.14	19.86	1007.76
RW-3 (Soil/Rock)	1019.47	8.28	1011.19	11.74	1007.73
RW-4 (Soil/Rock)	1022.58	14.82	1007.76	21.53	1001.05
RW-5 (Soil/Rock)	1031.08	18.95	1012.13	21.76	1009.32

Notes:

1 - National Geodetic Vertical Datum
2 - (Soil): Screened Formation
3 - Covered by drums on drum pad

Prepared by/Date: RAS/6-18-01
Checked by/Date: MES/6-18-01

Table 2: Ground-Water Measurements

Well Number	Top of Casing Elevation[1] (ft)	June 26, 2000		September 20, 2000	
		Depth to Ground-Water (ft)	Ground-Water Elevation[1] (ft)	Depth to Ground-Water (ft)	Ground-Water Elevation[1] (ft)
MW-1 (Soil)[2]	1037.44	Out of Commission		Out of Commission	
MW-2 (Soil)	1026.58	12.77	1013.81	13.35	1013.23
MW-3 (Soil)	1030.40	15.38	1015.02	16.51	1013.89
MW-4 (Soil)	1030.23	14.97	1015.26	16.27	1013.96
MW-5 (Rock)	1029.77	21.60	1008.17	21.58	1008.19
MW-6 (Soil)	1041.48	22.19	1019.29	25.30	1016.18
MW-7 (Rock)	1029.45	14.45	1015.00	16.78	1012.67
MW-8 (Soil)	1029.88	14.74	1015.14	16.60	1013.28
MW-9 (Rock)	1020.64	7.71	1012.93	7.97	1012.67
MW-10 (Soil)	1020.36	9.56	1010.80	8.70	1011.66
MW-11 (Rock)	1023.47	21.22	1002.25	18.40	1005.07
MW-12 (Soil)	1022.67	21.18	1001.49	18.49	1004.18
MW-13 (Rock)	1023.56	23.24	1000.32	19.25	1004.31
MW-14 (Soil)	1023.68	21.87	1001.81	19.28	1004.40
MW-15 (Soil)	1029.12	22.90	1006.22	20.93	1008.19
MW-16 (Rock)	1028.94	25.40	1003.54	20.57	1008.37
MW-17 (Soil)	1034.04	19.92	1014.12	20.71	1013.33
MW-18 (Soil)	1043.04	26.97	1016.07	27.95	1015.09
MW-19 (Soil)	1023.69	20.91	1002.78	19.43	1004.26
MW-20 (Soil)	1020.10	9.97	1010.13	9.33	1010.77
MW-21 (Soil)	1030.49	15.11	1015.38	16.94	1013.55
MW-22 (Soil)	1023.50	21.57	1001.93	19.86	1003.64
MW-23 (Rock)	1037.26	19.63	1017.63	21.86	1015.40
MW-24 (Soil)	1037.25	20.23	1017.02	22.23	1015.02
MW-25 (Deep Rock)	1029.37	Dry to Measured Depth of 99.0 feet		Dry to Measured Depth of 99 feet	
P-1 (Soil)	1027.70	Out of Commission		Out of Commission	
P-2 (Soil)	1024.80	12.51	1012.29	12.48	1012.32
P-3 (Soil)		Out of Commission		Out of Commission	
P-4 (Soil)	1017.40	5.81	1011.59	5.88	1011.52
P-5 (Soil)	1028.24	Out of Commission		Out of Commission	
P-6 (Soil)	1021.10	17.82	1003.28	16.08	1005.02
P-7 (Soil)	1031.43	23.41	1008.02	22.09	1009.34
P-8 (Soil)	1021.39	16.20	1005.19	15.11	1006.28
RW-1 (Soil/Rock)	1029.68	25.60	1004.08	23.10	1006.58
RW-2 (Soil/Rock)	1027.62	16.90	1010.72	18.60	1009.02
RW-3 (Soil/Rock)	1019.47	12.00	1007.47	11.20	1008.27
RW-4 (Soil/Rock)	1022.58	27.55	995.03	24.40	998.18
RW-5 (Soil/Rock)	1031.08	31.25	999.83	27.60	1003.48

Notes:

1- National Geodetic Vertical Datum

2- (Soil): Screened formation

Prepared by/Date: RAS/6-18-01

Checked by/Date: MES/6-18-01

Table 2: Ground-Water Measurements

Well Number	Top of Casing Elevation[1] (ft)	May 11, 2001	
		Depth to Ground-Water (ft)	Ground-Water Elevation[1] (ft)
MW-1 (Soil)[2]	1037.44	Out of Commission	
MW-2 (Soil)	1026.58	11.28	1015.30
MW-3 (Soil)	1030.40	14.66	1015.74
MW-4 (Soil)	1030.23	14.41	1015.82
MW-5 (Rock)	1029.77	19.40	1010.37
MW-6 (Soil)	1041.48	24.56	1016.92
MW-7 (Rock)	1029.45	13.70	1015.75
MW-8 (Soil)	1029.88	14.31	1015.57
MW-9 (Rock)	1020.64	6.00	1014.64
MW-10 (Soil)	1020.36	6.96	1013.40
MW-11 (Rock)	1023.47	16.55	1006.92
MW-12 (Soil)	1022.67	15.61	1007.06
MW-13 (Rock)	1023.56	16.90	1006.66
MW-14 (Soil)	1023.68	16.90	1006.78
MW-15 (Soil)	1029.12	17.02	1012.10
MW-16 (Rock)	1028.94	16.80	1012.14
MW-17 (Soil)	1034.04	18.43	1015.61
MW-18 (Soil)	1043.04	26.12	1016.92
MW-19 (Soil)	1023.69	16.42	1007.27
MW-20 (Soil)	1020.10	7.61	1012.49
MW-21 (Soil)	1030.49	15.06	1015.43
MW-22 (Soil)	1023.50	17.34	1006.16
MW-23 (Rock)	1037.26	20.91	1016.35
MW-24 (Soil)	1037.25	21.45	1015.80
MW-25 (Deep Rock)	1029.37	Dry to Measured Depth of 100 feet	
P-1 (Soil)	1027.70	Out of Commission	
P-2 (Soil)	1024.80	10.16	1014.64
P-3 (Soil)		Out of Commission	
P-4 (Soil)	1017.40	3.93	1013.47
P-5 (Soil)		Out of Commission	
P-6 (Soil)	1021.10	13.03	1008.07
P-7 (Soil)	1031.43	18.22	1013.21
P-8 (Soil)	1021.39	12.51	1008.88
RW-1 (Soil/Rock)	1029.68	14.82	1014.86
RW-2 (Soil/Rock)	1027.62	12.50	1015.12
RW-3 (Soil/Rock)	1019.47	7.93	1011.54
RW-4 (Soil/Rock)	1022.58	21.06	1001.52
RW-5 (Soil/Rock)	1031.08	18.95	1012.13

Notes:

1 - National Geodetic Vertical Datum

2 - (Soil): Screened formation

Prepared by/Date: RAS/6-18-01

Checked by/Date: MES/6-18-01

Table 3: List of Site-Specific Organic Compounds

Parameter	Site Ground-Water Protection Standard (ug/l)
Acetone	5,100
Benzene	5
2-Butanone	20,000
Chlorobenzene	100
Chloroform	100
1,1-Dichloroethane	5,000
1,2-Dichloroethane	5
1,1-Dichloroethene	7
1,2-Dichloroethene (total)	100
Ethylbenzene	700
4-Methyl-2-pentanone	1,800
Methylene chloride (dichloromethane)	5
Tetrachloroethene	7
1,1,2,2-tetrachloroethane	5
Trichloroethene	5
1,1,1-Trichloroethane	200
1,1,2-Trichloroethane	5
Toluene	1,000
Vinyl chloride	2
Xylenes (total)	10,000

Prepared by/Date: RAS/6-25-01
Checked by/Date: MES/6-25-01

Table 4: Summary of Detected Volatile Organic Constituents in Ground Water

Parameter	Concentration (ug/l)											
	MW-2		MW-3		Duplicate (MW-3)	MW-4		Duplicate (MW-4)	MW-5		MW-6	
	9/12/2000	4/18/01	9/12/00	4/18/01	9/12/00	9/12/00	4/18/01	4/18/01	9/15/00	4/18/01	9/11/00	4/17/01
Acetone	<5,000	<25,000	<100	<1,000	<100	<10,000	<20,000	<2,000	<20,000	<5,000	<100	<100
Benzene	1,900	2,500	280	1,600	320	1,200	1,900	1,900	<400	<100	<2	<2
Chloroform	<100	<500	4	<20	4	<200	<400	<40	<400	<100	11	6
1,1-Dichloroethane	<100	<500	3	<20	3	<200	<400	<40	<400	<100	<2	<2
1,1-Dichloroethene	<100	<500	2	<20	<2	<200	<400	<40	<400	<100	<2	<2
1,2-Dichloroethene (total)	1,800	1,600	700	3,200	810	22,000	6,800	6,800	1,100	630	<2	<2
Ethylbenzene	2,200	3,100	15	380	15	590	890	1,000	<400	<100	<2	<2
4-Methyl-2-pentanone	1,400	<13,000	10	<500	<10	<1,000	<10,000	<1,000	<2,000	<2,500	<10	<50
Methylene chloride (Dichloromethane)	<250	<2,500	190	<100	210	<500	<2,000	<200	<1,000	<500	<5	<10
Tetrachloroethene	<100	<500	4	<20	4	<200	<400	<40	<400	<100	<2	<2
Trichloroethene	<100	<500	1,500	9,000	1,500	6,900	<400	270	29,000	7,600	<2	<2
1,1,1-Trichloroethane	<100	<500	<2	<20	<2	<200	<400	<40	<400	<100	<2	<2
Toluene	42,000	54,000	<2	1,500	23	18,000	24,000	25,000	<400	<100	<2	<2
Vinyl chloride	590	870	6	34	6	<200	<400	<40	<400	<100	<2	<2
Xylenes (total)	8,300	12,000	310	2,500	310	2,100	3,200	3,700	<1,000	<250	<5	<5

Note:

1) <: Below the detection limit
2) N/A: Not analyzed
3) Samples were analyzed by EPA Method 8260B.
4) VOCs were not dected in the samples from monitoring wells MW-11 through MW-16 and recovery well RW-5

Prepared by/Date: RAS/6-18-01
Checked by/Date: MES/6-18-01

Table 4: Summary of Detected Volatile Organic Constituents in Ground Water

Parameter	Concentration (ug/L)											
	MW-7		MW-8		MW-9		MW-10		MW-17		MW-18	
	9/13/00	4/17/01	9/11/00	4/16/01	9/14/00	4/16/01	9/14/00	4/17/01	9/15/00	4/18/01	9/11/01	4/17/01
Acetone	<10,000	<100,000	<5,000	<50,000	<100	<100	<100	<100	<2,000	<2,000	<100	<100
Benzene	<200	<2,000	770	1,000	<2	<2	<2	<2	1,700	920	<2	<2
Chloroform	<200	<2,000	<100	<1,000	8	8	6	6	<40	<40	13	11
1,1-Dichloroethane	<200	<2,000	<100	<1,000	<2	<2	<2	<2	<40	<40	<2	<2
1,1-Dichloroethene	<200	<2,000	<100	<1,000	<2	<2	<2	<2	<40	<40	<2	<2
1,2-Dichloroethene (total)	1,600	3,000	20,000	24,000	6	<2	<2	<2	45	<40	<2	<2
Ethylbenzene	200	<2,000	3,300	3,400	<2	<2	<2	<2	540	55	<2	<2
4-Methyl-2-pentanone	<1,000	<50,000	<500	<25,000	<10	<50	<10	<50	<200	<1,000	<10	<50
Methylene chloride (Dichloromethane)	<500	<10,000	<250	<5,000	<5	<10	<5	<10	<100	<200	<5	<10
Tetrachloroethene	<200	<2,000	<100	<1,000	<2	<2	<2	<2	<40	<40	<2	<2
Trichloroethene	95,000	67,000	34,000	32,000	57	42	3	<2	<40	<40	<2	<2
1,1,1-Trichloroethane	<200	<2,000	<100	<1,000	<2	<2	<2	<2	<40	<40	<2	<2
Toluene	900	<2,000	55,000	62,000	<2	<2	<2	<2	240	54	<2	<2
Vinyl chloride	<200	<2,000	120	<1,000	<2	<2	<2	<2	<40	<40	<2	<2
Xylenes (total)	820	<5,000	14,000	11,000	<5	<5	<5	<5	2,400	250	<5	<5

Note:
1) <: Below the detection limit
2) NA: Not analyzed
3) Samples were analyzed by EPA Method 8260B. and recovery well RW-5

Prepared by/Date: RAS/6-18-01
Checked by/Date: MES/6-18-01

Table 4: Summary of Detected Volatile Organic Constituents In Ground Water

Parameter	Concentration (ug/L)														
	MW-19		MW-20		MW-21		MW-22		MW-23		MW-24		MW-25		
	9/12/00	4/12/01	9/12/00	4/16/01	9/11/00	4/17/01	9/13/00	4/12/01	9/13/00	4/16/01	9/13/00	4/16/01	9/13/00	4/16/01	5/18/2001
Acetone	<100	<100	<100	<100	<5,000	<50,000	<100	<100	<100	<100	<100	<100	<100	480	240
Benzene	100	65	2	3	1,900	<1,000	16	11	<2	<2	<2	<2	<2	<2	N/A
Chloroform	<2	<2	<2	3	<100	<1,000	<2	<2	<2	<2	<2	<2	<2	<2	N/A
1,1-Dichloroethane	<2	<2	<2	2	<100	<1,000	<2	<2	<2	<2	<2	<2	<2	<2	N/A
1,1-Dichloroethene	<2	<2	<2	<2	<100	<1,000	<2	<2	<2	<2	<2	<2	<2	<2	N/A
1,2-Dichloroethene (total)	3	<2	200	170	11,000	46,000	16	13	<2	<2	<2	<2	<2	<2	N/A
Ethylbenzene	<2	<2	<2	<2	3,800	3,300	<2	<2	<2	<2	<2	<2	<2	<2	N/A
4-Methyl-2-pentanone	<10	<50	<10	50	<500	<25,000	<10	<50	<10	<50	<10	<50	<10	<50	N/A
Methylene chloride (Dichloromethane)	<5	<10	<5	<10	270	<5,000	<5	<10	<5	<10	<5	<10	<5	<10	N/A
Tetrachloroethene	3	2	<2	<2	130	<1,000	<2	<2	<2	<2	<2	<2	<2	<2	N/A
Trichloroethene	20	15	4	7	87,000	18,000	17	19	16	8	10	11	<2	<2	N/A
1,1,1-Trichloroethane	<2	<2	<2	<2	120	<1,000	<2	<2	<2	<2	<2	<2	<2	<2	N/A
Toluene	<2	<2	<2	<2	73,000	53,000	<2	<2	<2	<2	<2	<2	<2	<2	N/A
Vinyl chloride	<2	<2	84	140	160	<1,000	<2	<2	<2	<2	<2	<2	<2	<2	N/A
Xylenes (total)	<5	<2	<5	<5	16,000	15,000	<5	<2	<5	<5	<5	<5	<5	<5	N/A

Note:
1) <: Below the detection limit
2) N/A: Not analyzed
3) Samples were analyzed by EPA Method 8260B. and recovery well RW-5

Prepared by/Date: RAS/6-18-01
Checked by/Date: MES/6-18-01

Table 4: Summary of Detected Volatile Organic Constituents in Ground Water

Parameter	Concentration (ug/L)									
	Rinsate (Pump)	Rinsate (Pump)	RW-1		RW-2		RW-3		RW-4	
	9/14/00	4/12/01	9/20/00	4/18/01	9/20/00	4/18/01	9/11/00	4/18/01	9/20/00	4/18/01
Acetone	<100	<100	<100	<100	<25,000	<10,000	<100	<100	<100	<100
Benzene	<2	<2	<2	<2	1,000	480	<2	2	21	12
Chloroform	65	49	8	7	<500	<200	7	7	3	3
1,1-Dichloroethane	<2	<2	<2	<2	<500	<200	<2	<2	<2	<2
1,1-Dichloroethene	<2	<2	<2	<2	<500	<200	<2	<2	<2	<2
1,2-Dichloroethene (total)	<2	<2	<2	<2	22,000	11,000	24	3	<2	<2
Ethylbenzene	<2	<2	<2	<2	1,200	740	<2	<2	<2	<2
4-Methyl-2-pentanone	<10	<50	<10	<50	<2,500	<5,000	<10	<50	<10	<50
Methylene chloride (Dichloromethane)	<5	<10	<10	<10	<2,500	<100	<10	<10	<10	<10
Tetrachloroethene	<2	<2	<2	<2	<500	<200	<2	<2	<2	<2
Trichloroethene	<2	<2	<2	<2	5,400	280	54	<2	5	4
1,1,1-Trichloroethane	<2	<2	<2	<2	<500	<200	<2	<2	<2	<2
Toluene	<2	<2	<2	<2	22,000	10,000	<2	<2	<2	<2
Vinyl chloride	<2	<2	<2	<2	<500	900	<2	<2	<2	<2
Xylenes (total)	<5	<2	<5	<5	4,100	1,700	<5	<5	<5	<5

Note:
1) <: Below the detection limit
2) N/A: Not analyzed
3) Samples were analyzed by EPA Method 8260B.
and recovery well RW-5

Prepared by/Date: RAS/6-18-01
Checked by/Date: MES/6-18-01

Table 5		
Monthly Volumes and Mass Removal of VOC's		
Month	**Monthly Volume Pumped (gallons)**	**Mass VOC Removal per Month (lbs)**
Apr-00	279,223	4.9
May-00	875,598	** 53
Jun-00	1,257,507	76
Jul-00	263,168	** 4.6
Aug-00	555,905	27
Sep-00	334,791	12
Oct-00	571,617	19
Nov-00	* 204,749	4.2
Dec-00	* 352,895	** 12
Jan-01	292,645	8.3
Feb-01	186,500	0.8
Mar-01	236,360	9.5
Apr-01	154,060	1.2
May-01	209,410	0.7
Total Annual Mass Removal		**233**

* Estimated volumes based on an average from previous and later months

** Estimated mass removed based on a ratio of data with similar volumes.

Prepared By/Date: LG / 6-29-01
Checked By/Date: MI / 7-03-01

Table 6	
Annual Mass Removal of VOC's	
Constituents	**Annual Mass Removed (lbs)**
Benzene	5.2
Chloroform	0.1
1,2-DCE	10
1,1-DCE	0.1
Ethylbenzene	1.0
Methylene Chloride	3.1
Tetrachloroethene	0.0
Toluene	97
1,1,1-TCA	0.0
Trichloroethene	28
Vinyl Chloride	1.4
Xylenes (Total)	19
Total Excluding May, July and December 2000 Removals	165

* - excludes mass removal for individual constituents where individual analyses were not available for May, July and December, 2000. Therefore, individual mass removal is biased low.

Prepared By/Date: LG / 6-29-01
Checked By/Date: MI / 7-03-01

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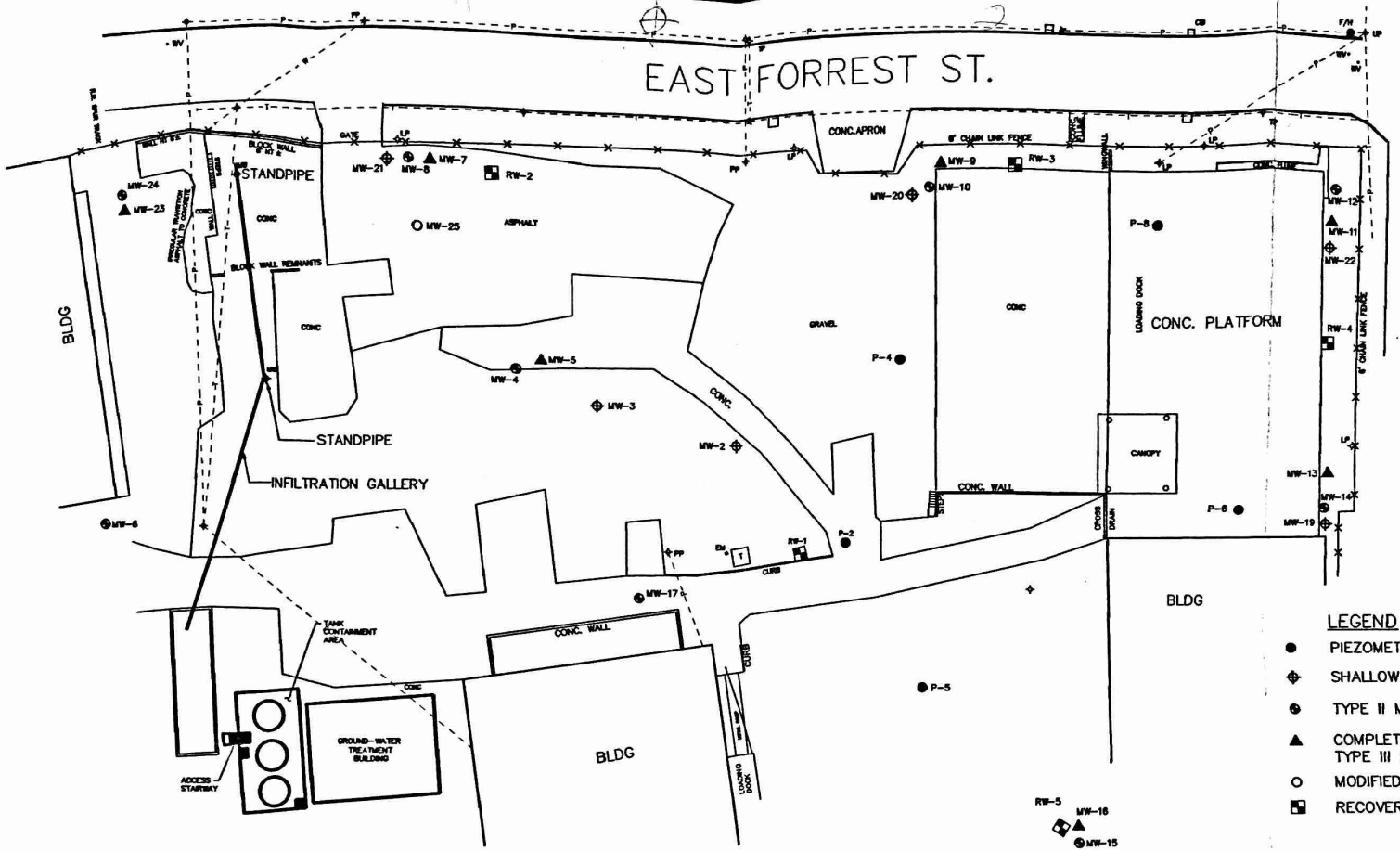

LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL

SCALE IN FEET

0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP.
SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

WELL LOCATION MAP

JOB NO. 12000-9-0073 FIGURE 2

PREPARED BY/DATE RAS 05/17/01
CHECKED BY/DATE FMM 06/21/01

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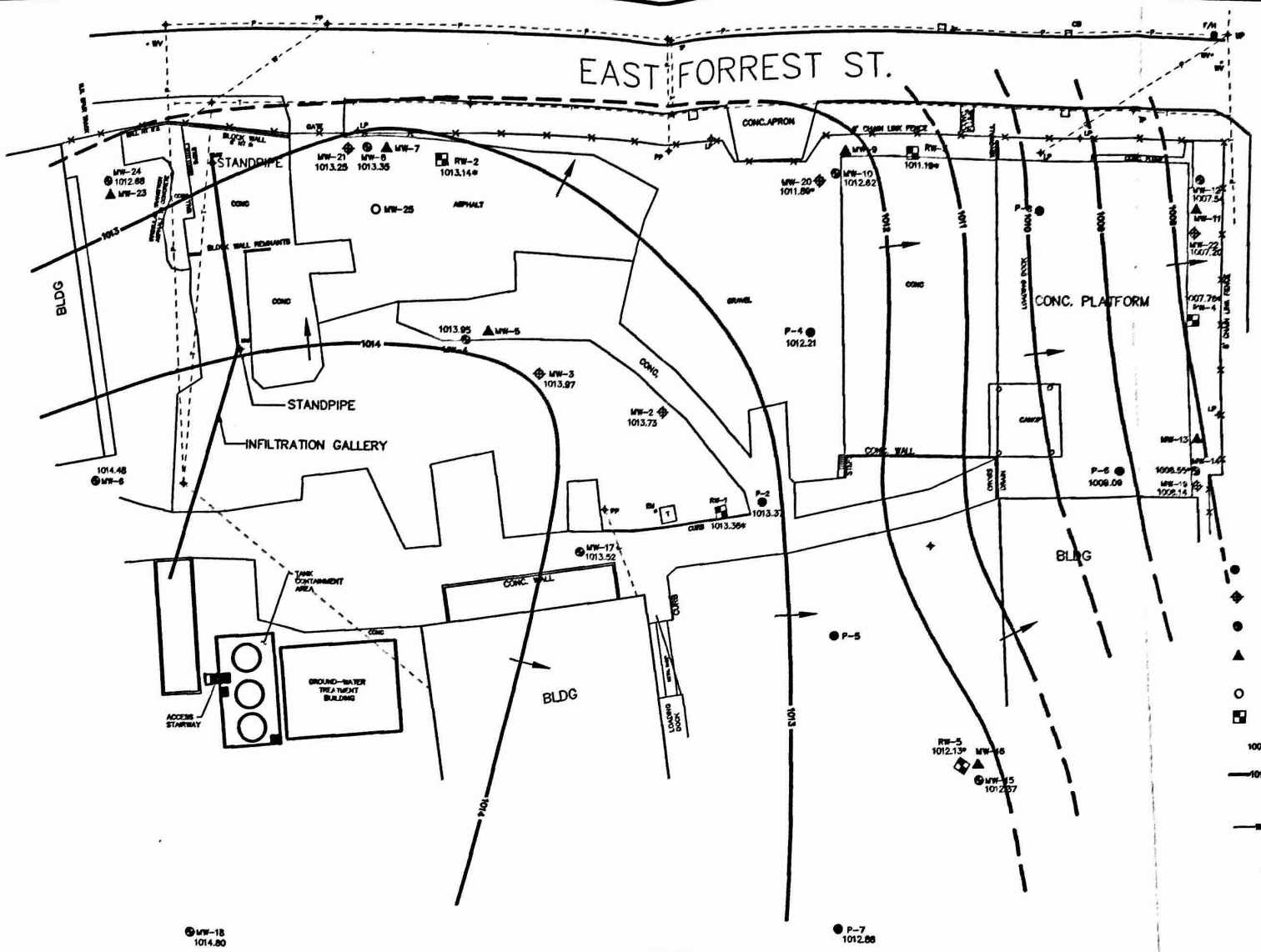

LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL
- 1007.54 GROUND-WATER ELEVATION (FT-NGVD)
- 1013 POTENTIOMETRIC SURFACE CONTOUR (FT-NGVD)
- GENERALIZED DIRECTION OF GROUND-WATER FLOW
- * GROUND-WATER ELEVATION NOT USED FOR CONTOURING

SCALE IN FEET

0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

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(3) Out of commission wells not shown.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

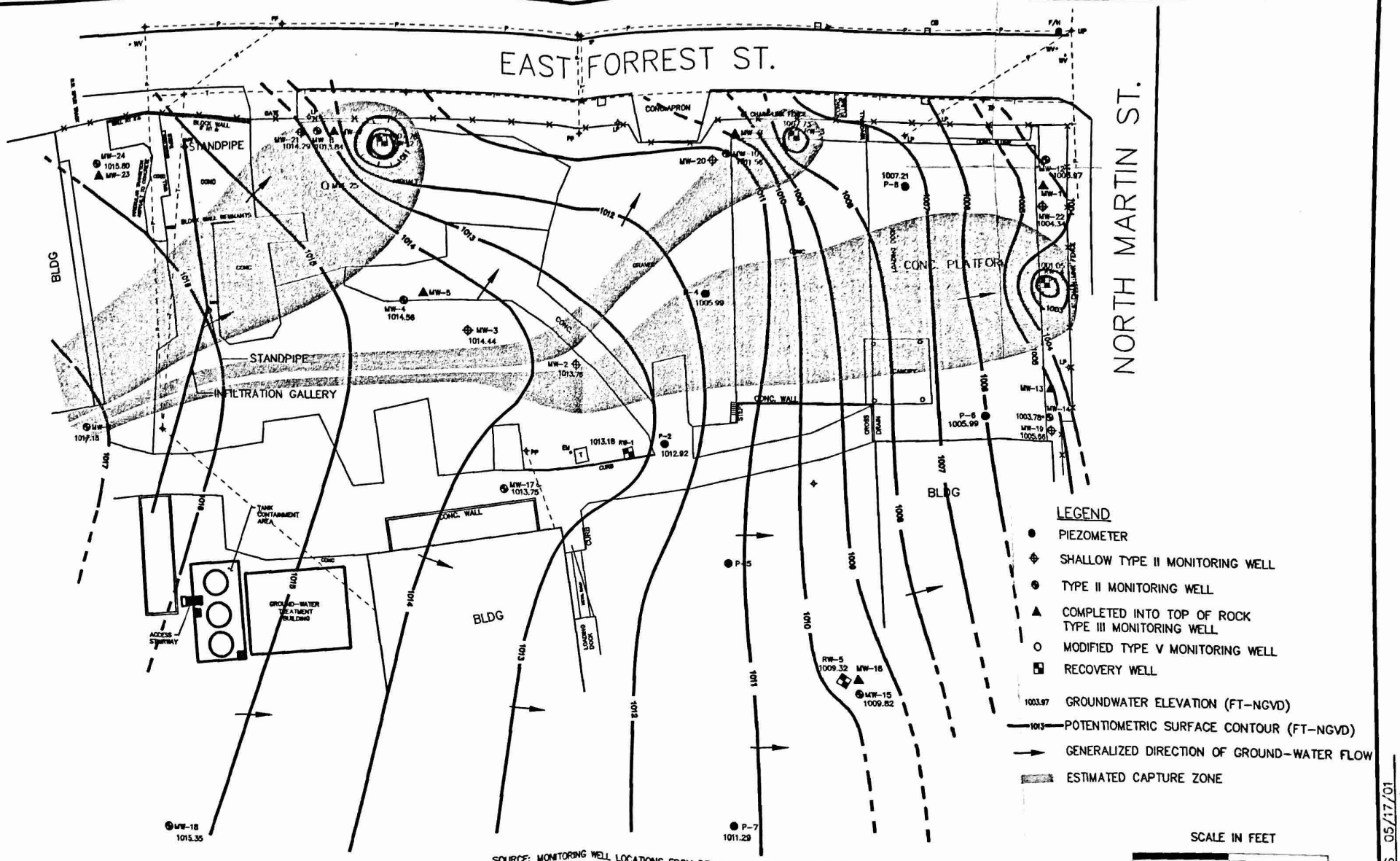
LAW
LAW/GIBB Group Member

POTENTIOMETRIC SURFACE MAP OF THE UPPER AQUIFER ZONE
(RESIDUAL SOIL)
MARCH 15, 2000 (PRE-PUMPING)

JOB NO. 12000-9-0073 FIGURE 3

PREPARED BY/DATE RAS 05/17/01

J:\prismo\2001\UP-APRIL-26-00.dwg 07/11/2001 2:23pm rolexand



SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

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(3) Out of commission wells not shown.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAW@IBB Group Member

POTENTIOMETRIC SURFACE MAP OF THE UPPER AQUIFER ZONE (RESIDUAL SOIL)
APRIL 26, 2000

JOB NO. 12000-9-0073 FIGURE 4

PREPARED BY/DATE RAS 05/17/01

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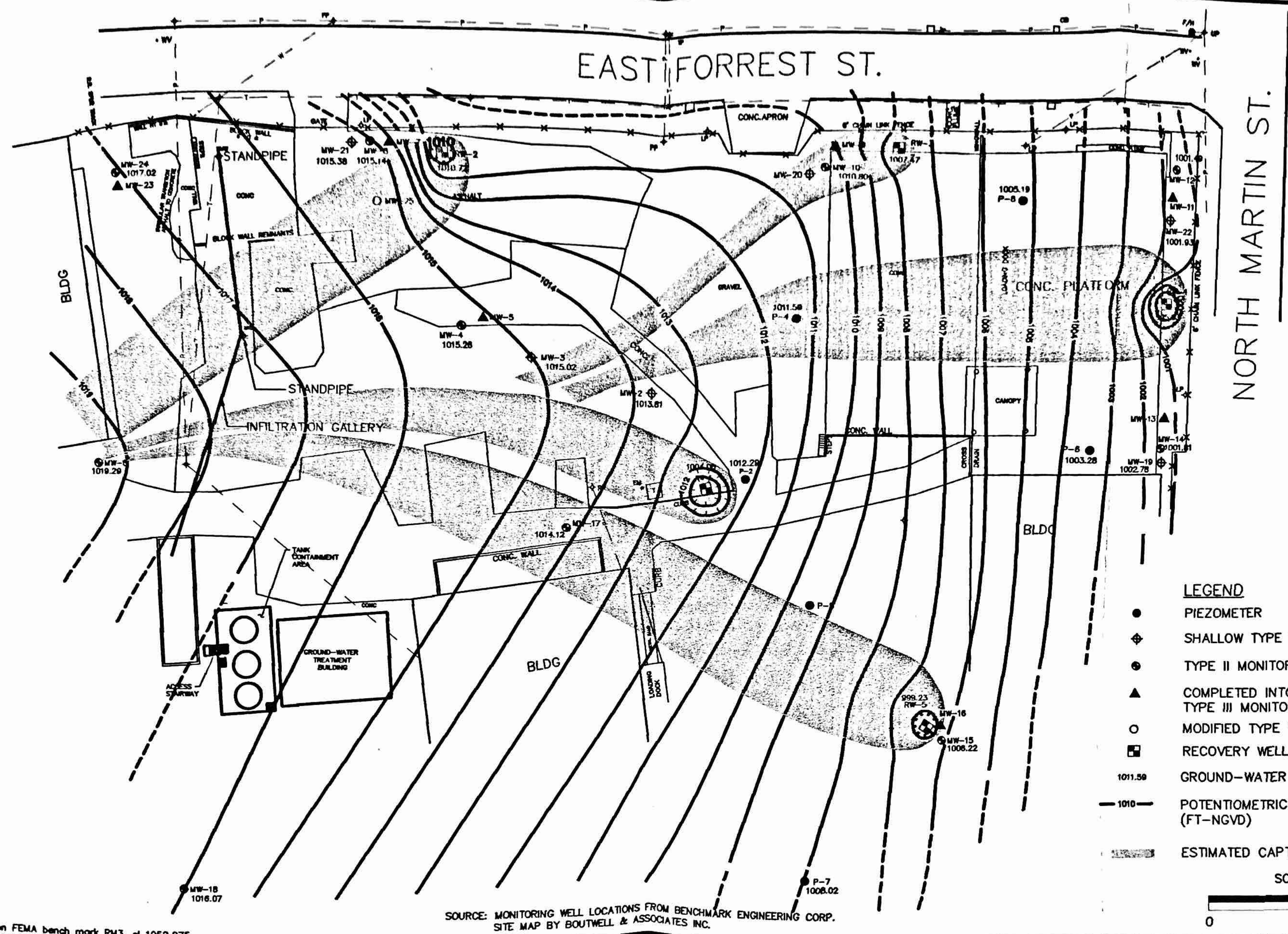


LEGEND

- ● PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- ▲ COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- ○ MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL
- 1011.59 GROUND-WATER ELEVATION (FT-NGVD)
- —1010— POTENTIOMETRIC SURFACE CONTOUR (FT-NGVD)
- ESTIMATED CAPTURE ZONE

SCALE IN FEET

0 50 100

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

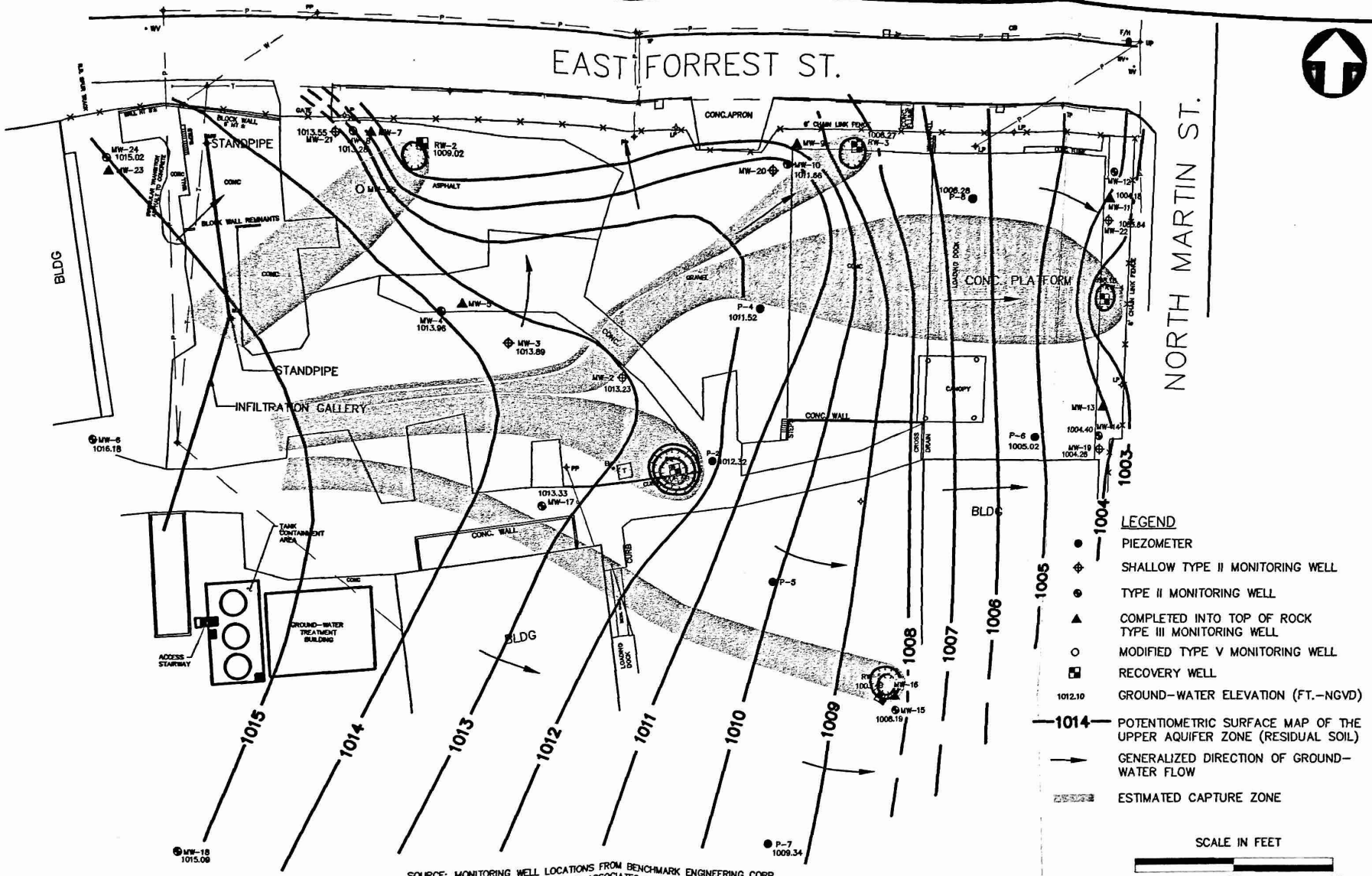
LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

POTENTIOMETRIC SURFACE MAP OF THE UPPER AQUIFER ZONE (RESIDUAL SOIL)
JUNE 26, 2000

JOB NO. 12000-9-0073 FIGURE 5

PREPARED BY/DATE RAS 05/17/01
EMM 06/21/01



LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL
- 1012.10 GROUND-WATER ELEVATION (FT.-NGVD)
- —1014— POTENTIOMETRIC SURFACE MAP OF THE UPPER AQUIFER ZONE (RESIDUAL SOIL)
- GENERALIZED DIRECTION OF GROUND-WATER FLOW
- ESTIMATED CAPTURE ZONE

SCALE IN FEET

0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

LDI - LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
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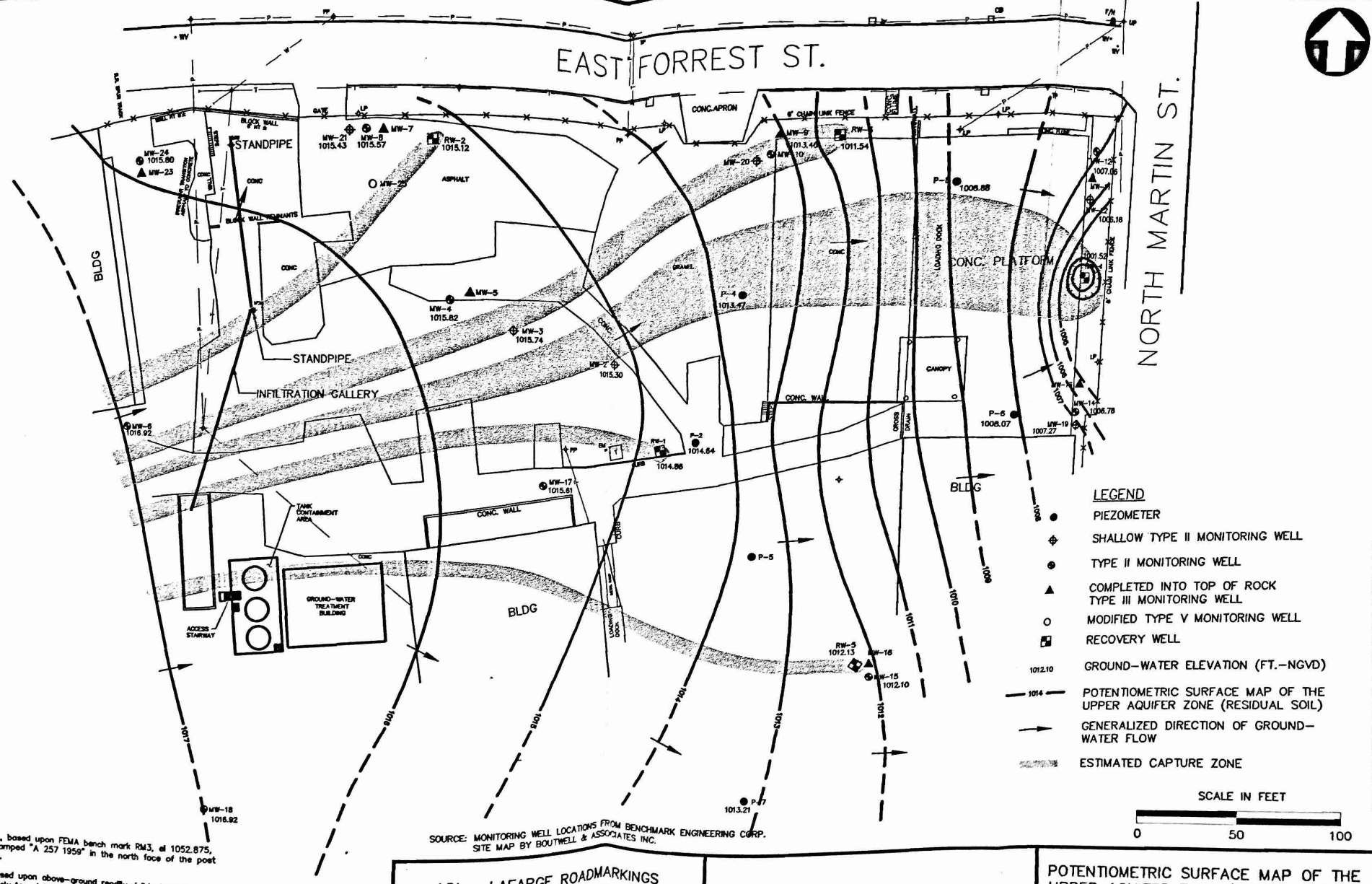
POTENTIOMETRIC SURFACE MAP OF THE UPPER AQUIFER ZONE (RESIDUAL SOIL) SEPTEMBER 20, 2000

JOB NO. 12000-9-0073 FIGURE 6

PREPARED BY/DATE RAS 05/17/01



LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL
- 1012.10 GROUND-WATER ELEVATION (FT.-NGVD)
- 1014 POTENTIOMETRIC SURFACE MAP OF THE UPPER AQUIFER ZONE (RESIDUAL SOIL)
- GENERALIZED DIRECTION OF GROUND-WATER FLOW
- ESTIMATED CAPTURE ZONE

SCALE IN FEET

0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

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(3) Out of commission wells not shown.

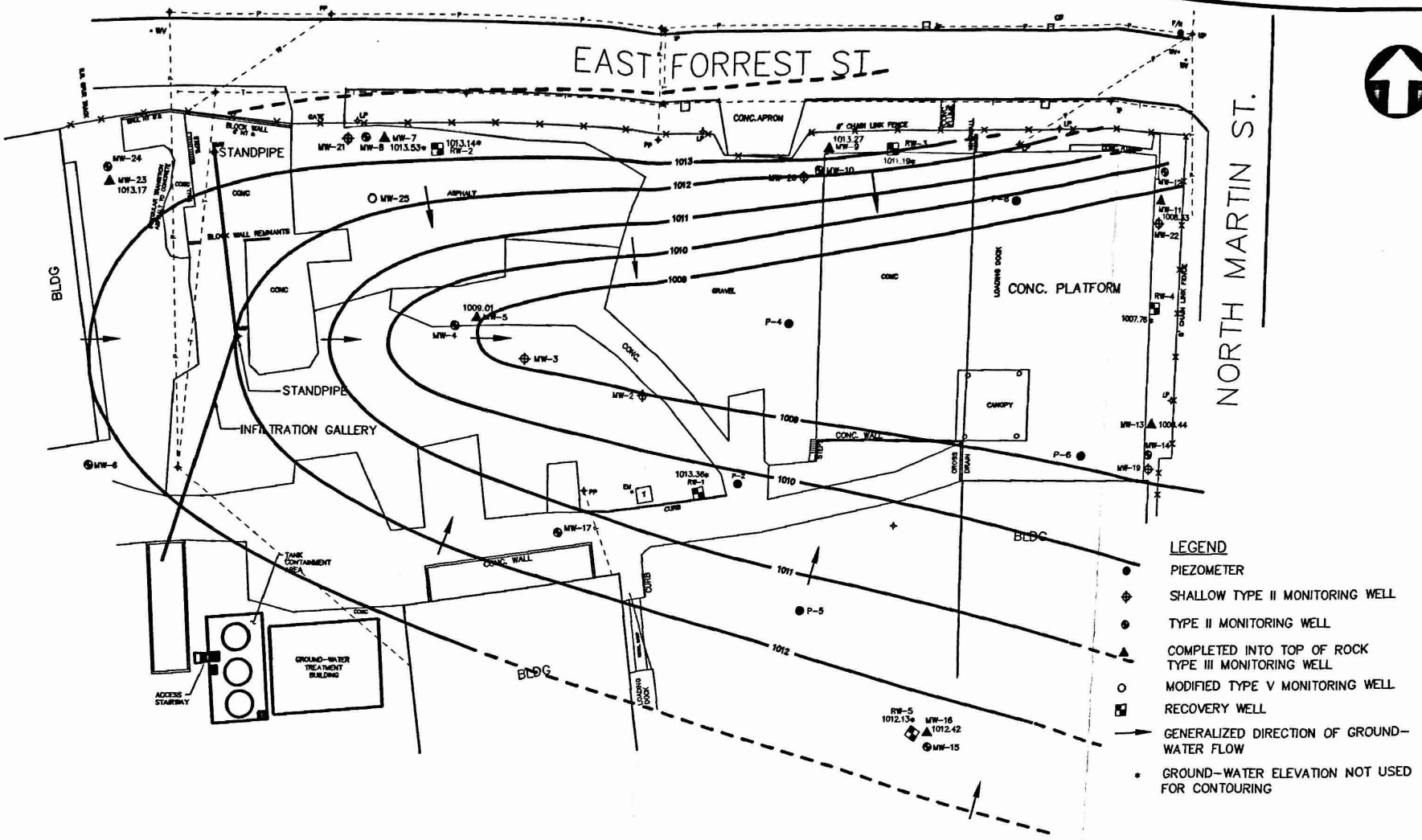
LDI - LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

POTENTIOMETRIC SURFACE MAP OF THE UPPER AQUIFER ZONE (RESIDUAL SOIL)
MAY 11, 2001

JOB NO. 12000-9-0073 FIGURE 7

PREPARED BY/DATE RAS 05/17/01
CHECKED BY/DATE FMM 06/01/01



LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL
- GENERALIZED DIRECTION OF GROUND-WATER FLOW
- GROUND-WATER ELEVATION NOT USED FOR CONTOURING

SCALE IN FEET

0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

POTENTIOMETRIC SURFACE MAP OF THE LOWER AQUIFER ZONE (FRACTURED ROCK) MARCH 15, 2000

JOB NO. 12000-9-0073 FIGURE 8

PREPARED BY/DATE RAS 05/17/01
CHECKED BY/DATE EMM 06/21/01

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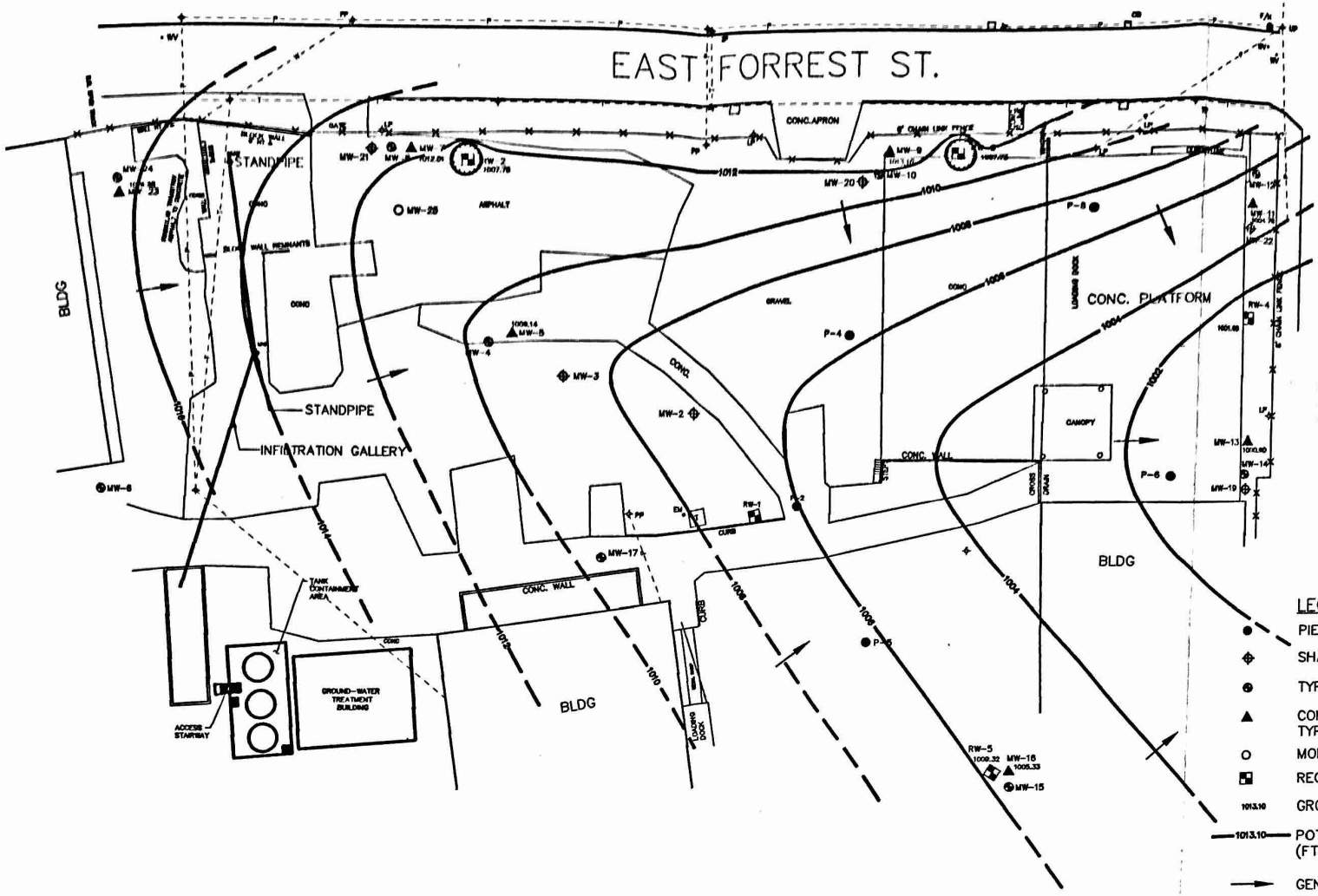

LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL
- 1013.10 GROUND-WATER ELEVATION (NGVD)
- 1013.10 POTENTIOMETRIC SURFACE CONTOUR (FT-NC-VD)
- GENERALIZED DIRECTION OF GROUND-WATER FLOW

SCALE IN FEET

0 50 100

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

POTENTIOMETRIC SURFACE OF THE LOWER AQUIFER ZONE (FRACTURED ROCK)
APRIL 26, 2000

JOB NO. 12000-9-0073 FIGURE 9

PREPARED BY/DATE RAS 05/17/01

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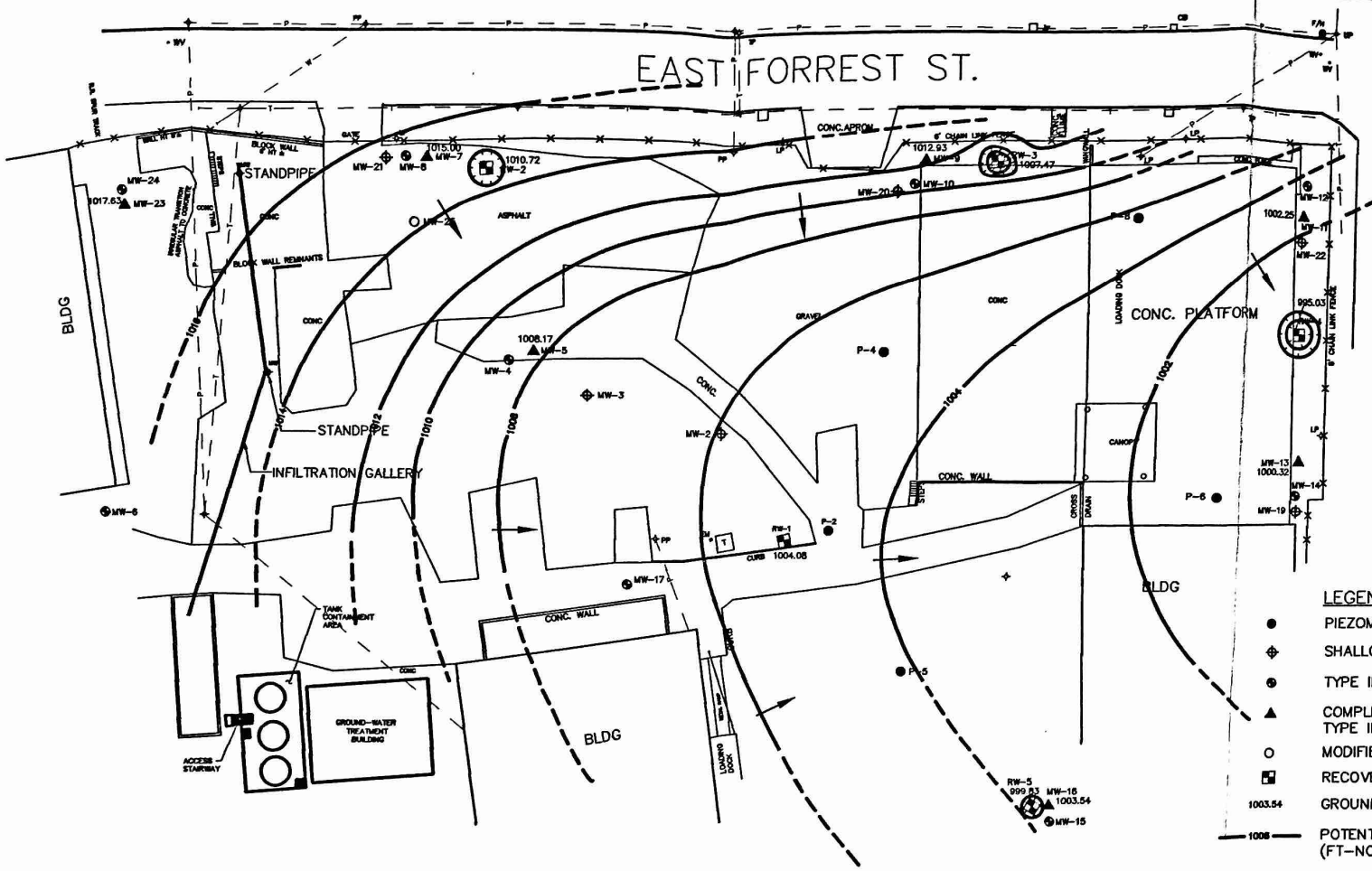

LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL
- 1003.54 GROUND-WATER ELEVATION (FT-NC-VD)
- 1008 POTENTIOMETRIC SURFACE CONTOUR (FT-NC-VD)
- GENERALIZED DIRECTION OF GROUND-WATER FLOW

SCALE IN FEET

0 50 100

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, at 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

POTENTIOMETRIC SURFACE MAP OF THE LOWER AQUIFER ZONE (FRACTURED ROCK)
JUNE 26, 2000

JOB NO. 12000-9-0073 FIGURE 10

PREPARED BY/DATE RAS 05/17/01

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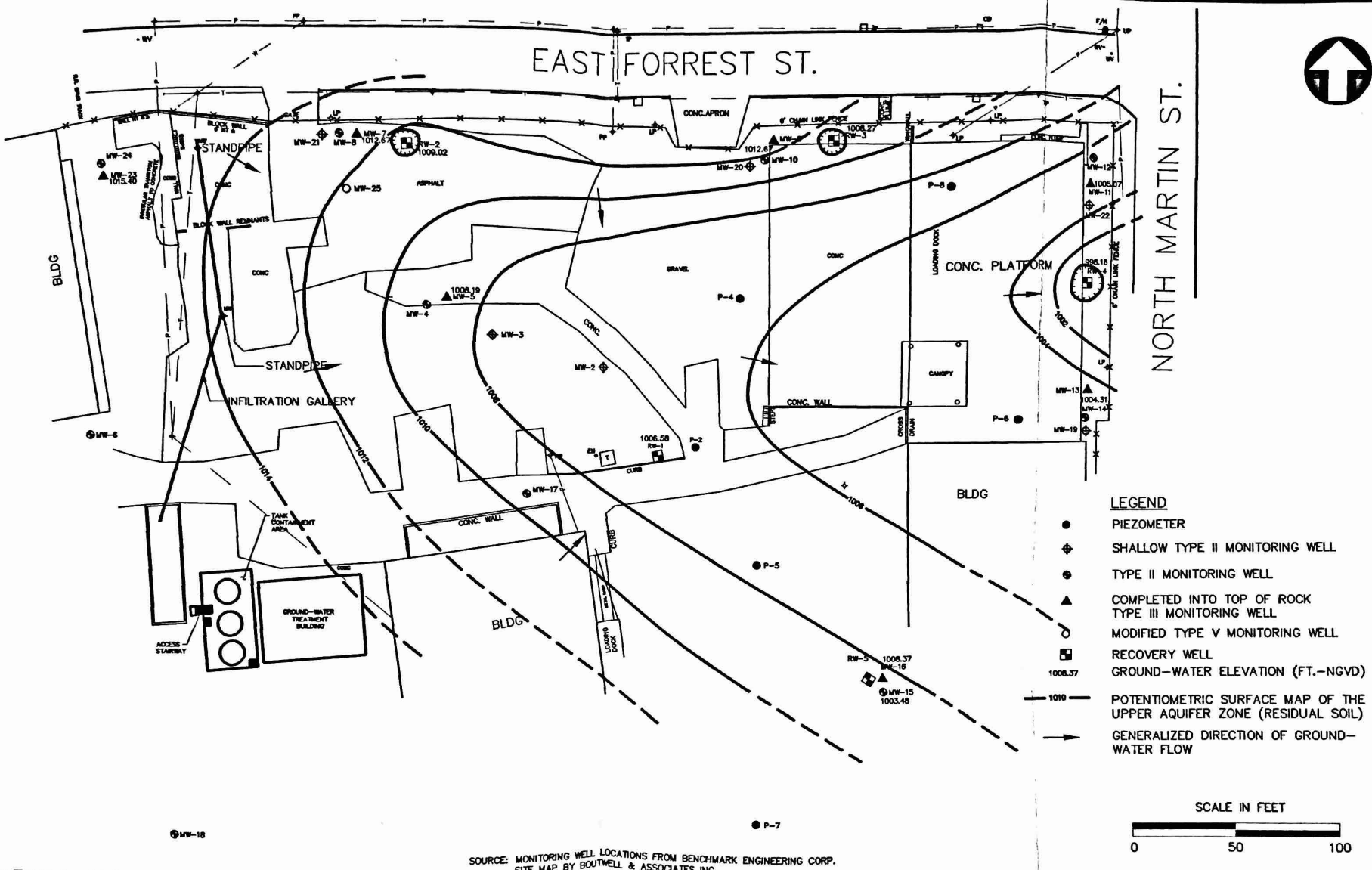


LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL
- 1008.37 GROUND-WATER ELEVATION (FT.-NGVD)
- 1010 POTENTIOMETRIC SURFACE MAP OF THE UPPER AQUIFER ZONE (RESIDUAL SOIL)
- GENERALIZED DIRECTION OF GROUND-WATER FLOW

SCALE IN FEET

0 50 100

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

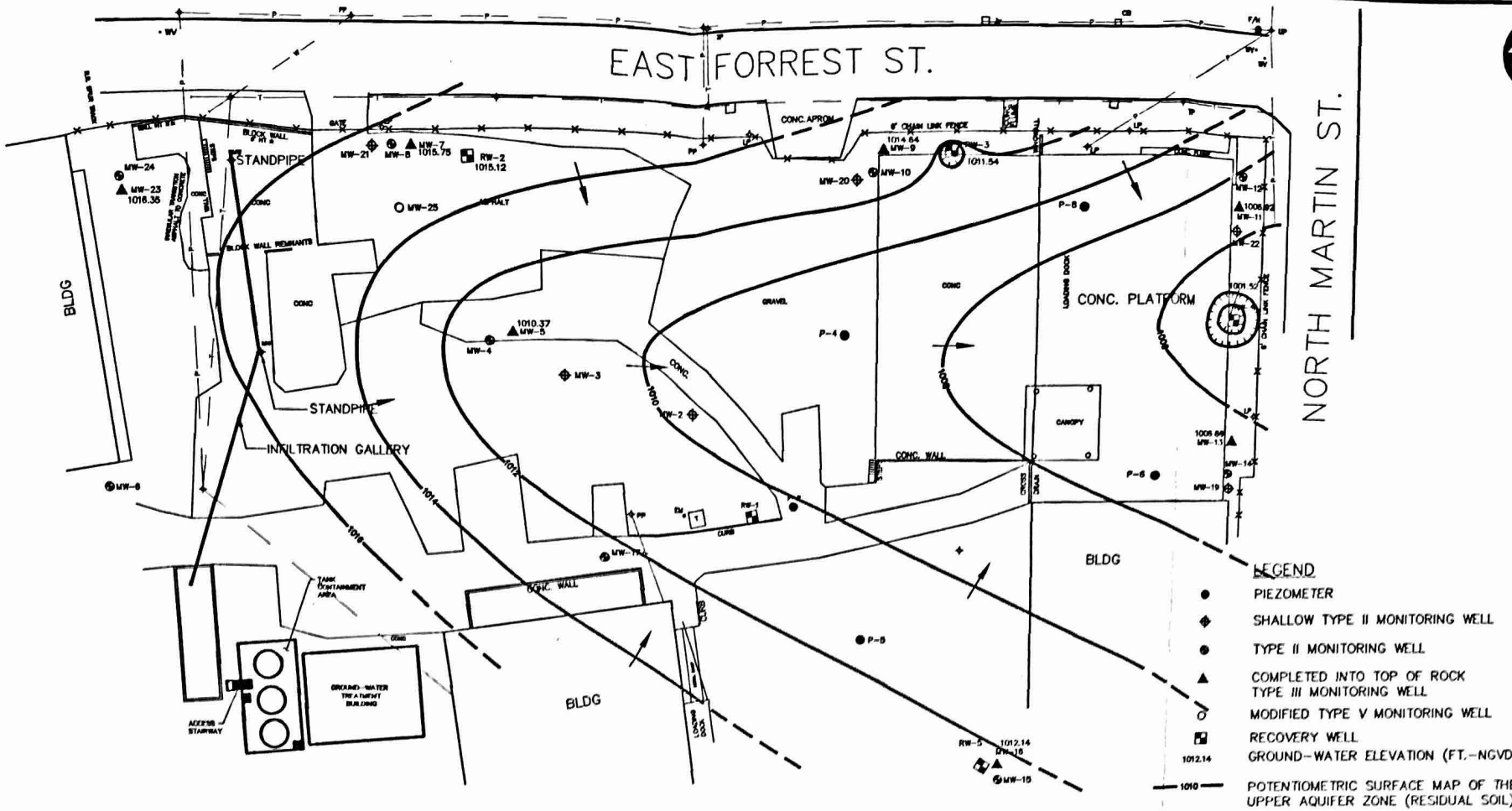
LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

POTENTIOMETRIC SURFACE MAP OF THE LOWER AQUIFER ZONE (FRACTURED ROCK) SEPTEMBER 20, 2000

JOB NO. 12000-9-0073 FIGURE 11

PREPARED BY/DATE RAS 05/17/01



NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, at 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

POTENTIOMETRIC SURFACE MAP OF THE LOWER AQUIFER ZONE (FRACTURED ROCK)
MAY 11, 2001

JOB NO. 12000-9-0073 FIGURE 12

PREPARED BY/DATE RAS 05/17/01
DESIGN BY/DATE FMW 05/21/01

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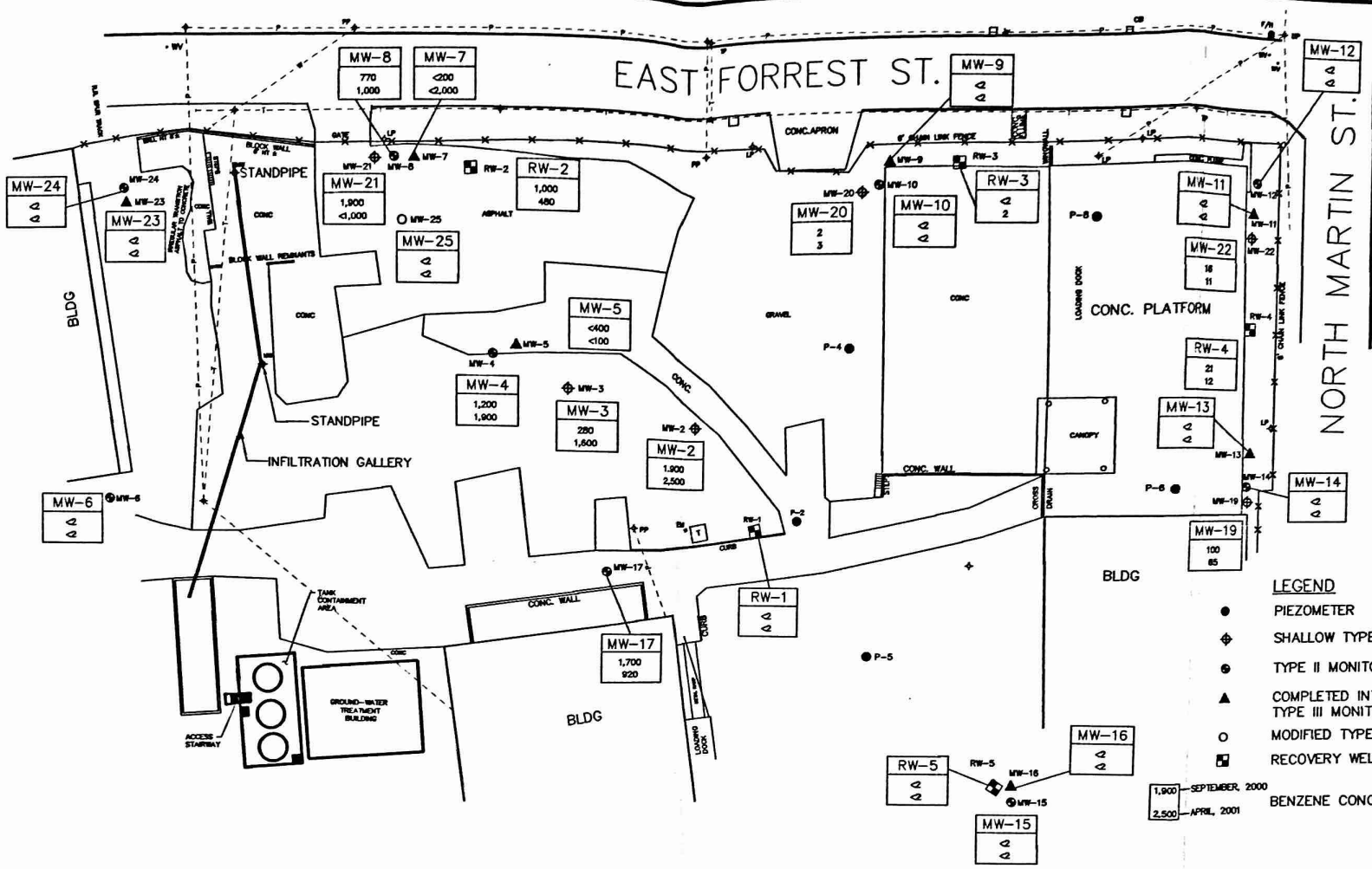


LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL

1,900 — SEPTEMBER, 2000
2,500 — APRIL, 2001
BENZENE CONCENTRATIONS IN ug/L

NOTE: BLUE INDICATES GROUND WATER PROTECTION STANDARD EXCEEDED. GREEN INDICATES GROUND WATER PROTECTION STANDARD NOT EXCEEDED.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SCALE IN FEET
0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

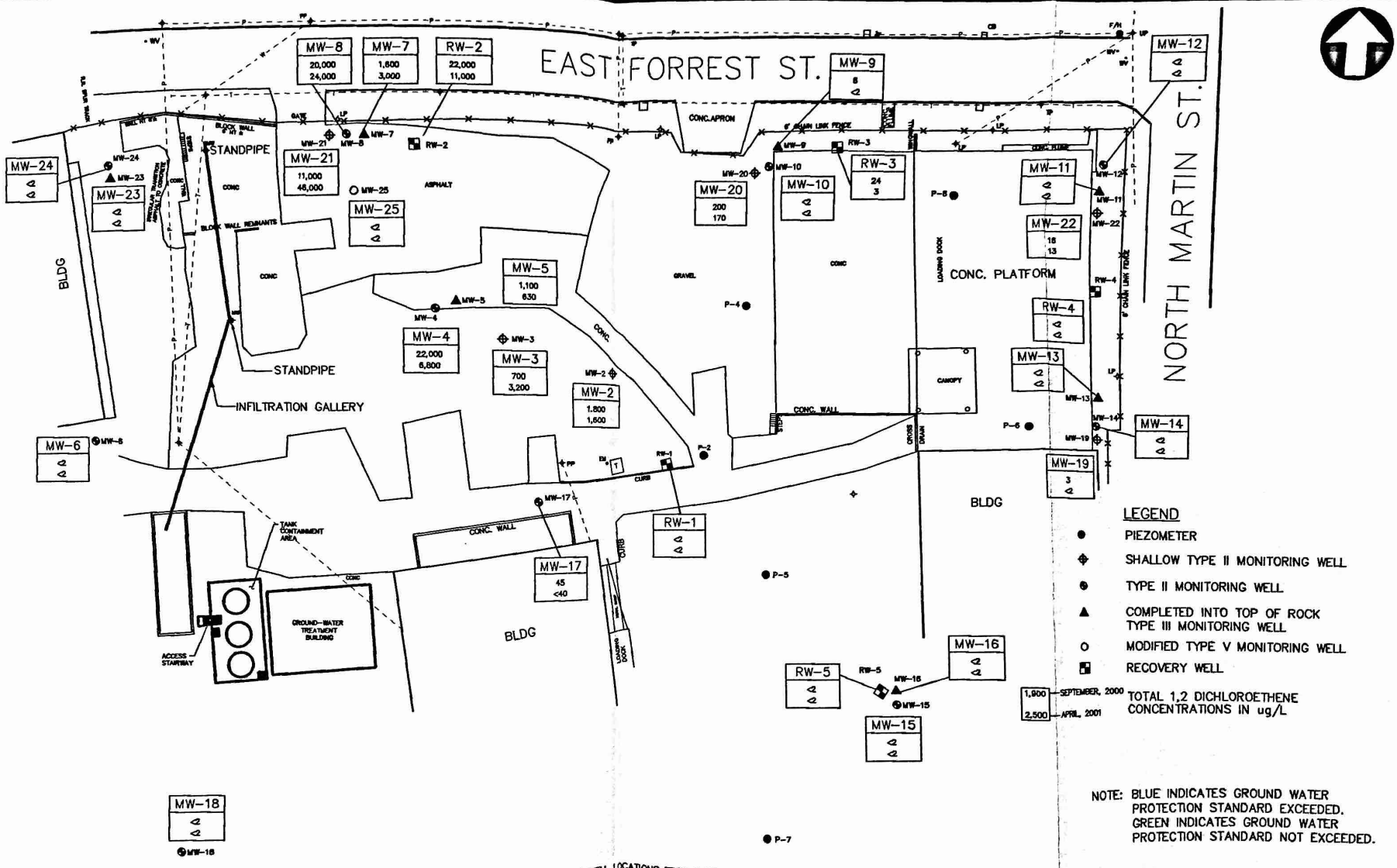
LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

BENZENE CONCENTRATION IN GROUNDWATER

JOB NO. 12000-9-0073 FIGURE 13

PREPARED BY/DATE RAS 05/17/01



LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL

1,900 SEPTEMBER, 2000
2,500 APRIL, 2001
TOTAL 1,2 DICHLOROETHENE CONCENTRATIONS IN ug/L

NOTE: BLUE INDICATES GROUND WATER PROTECTION STANDARD EXCEEDED. GREEN INDICATES GROUND WATER PROTECTION STANDARD NOT EXCEEDED.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SCALE IN FEET
0 50 100

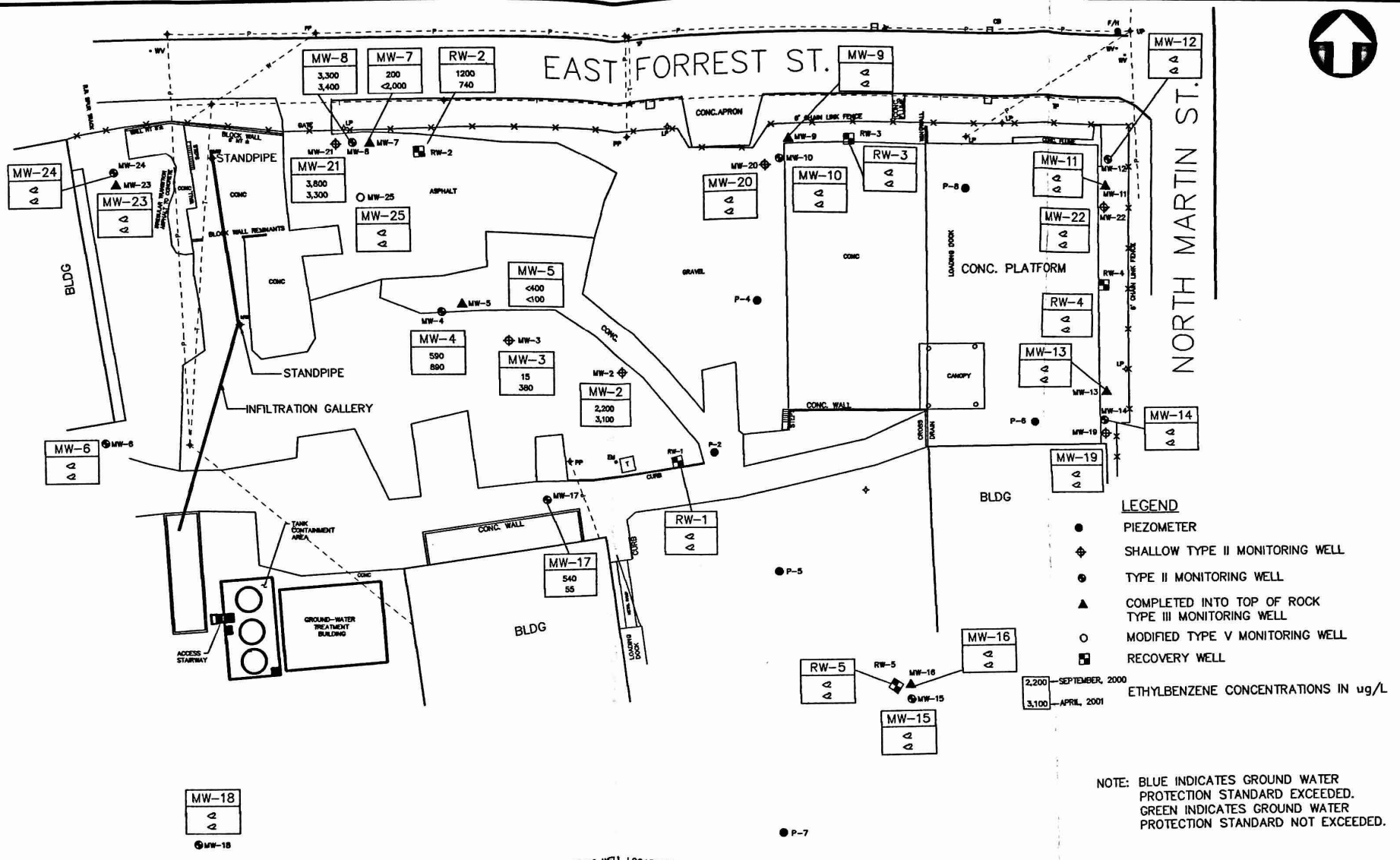
LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

TOTAL 1,2 DICHLOROETHENE CONCENTRATIONS IN GROUNDWATER

JOB NO. 12000-9-0073 FIGURE 14

PREPARED BY/DATE RAS 05/17/01
CHECKED BY/DATE LDW 07/11/01



LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL

2,200 — SEPTEMBER, 2000
3,100 — APRIL, 2001
ETHYLBENZENE CONCENTRATIONS IN ug/L

NOTE: BLUE INDICATES GROUND WATER PROTECTION STANDARD EXCEEDED. GREEN INDICATES GROUND WATER PROTECTION STANDARD NOT EXCEEDED.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SCALE IN FEET
0 50 100

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

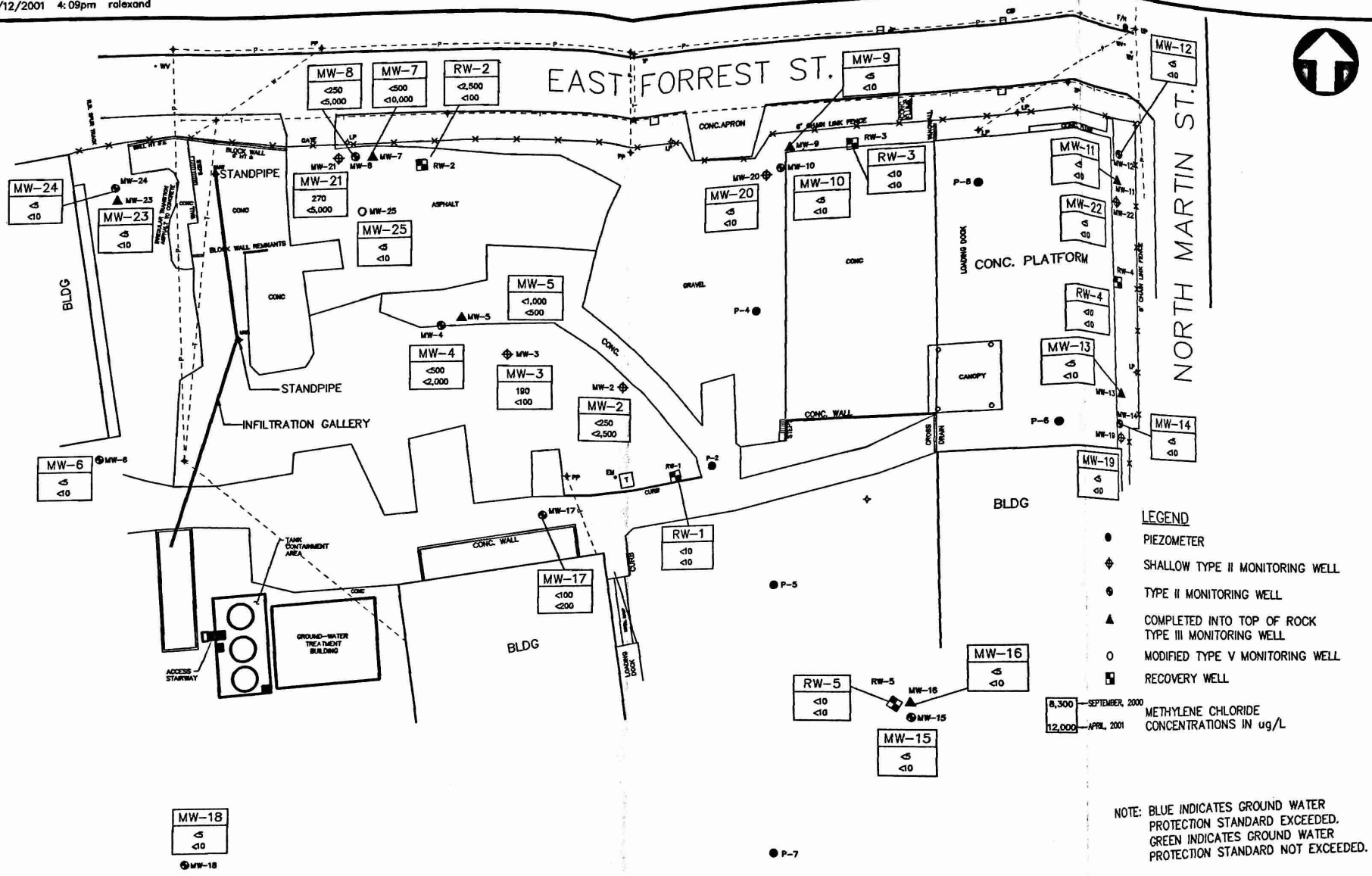
LAW
LAWGIBB Group Member

ETHYLBENZENE CONCENTRATIONS IN GROUNDWATER

JOB NO. 12000-9-0073 FIGURE 15

PREPARED BY/DATE RAS 05/17/01

J:\priamo\2001\METHY.dwg 07/12/2001 4:09pm rolexand



NOTE: BLUE INDICATES GROUND WATER PROTECTION STANDARD EXCEEDED. GREEN INDICATES GROUND WATER PROTECTION STANDARD NOT EXCEEDED.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SCALE IN FEET
0 50 100

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

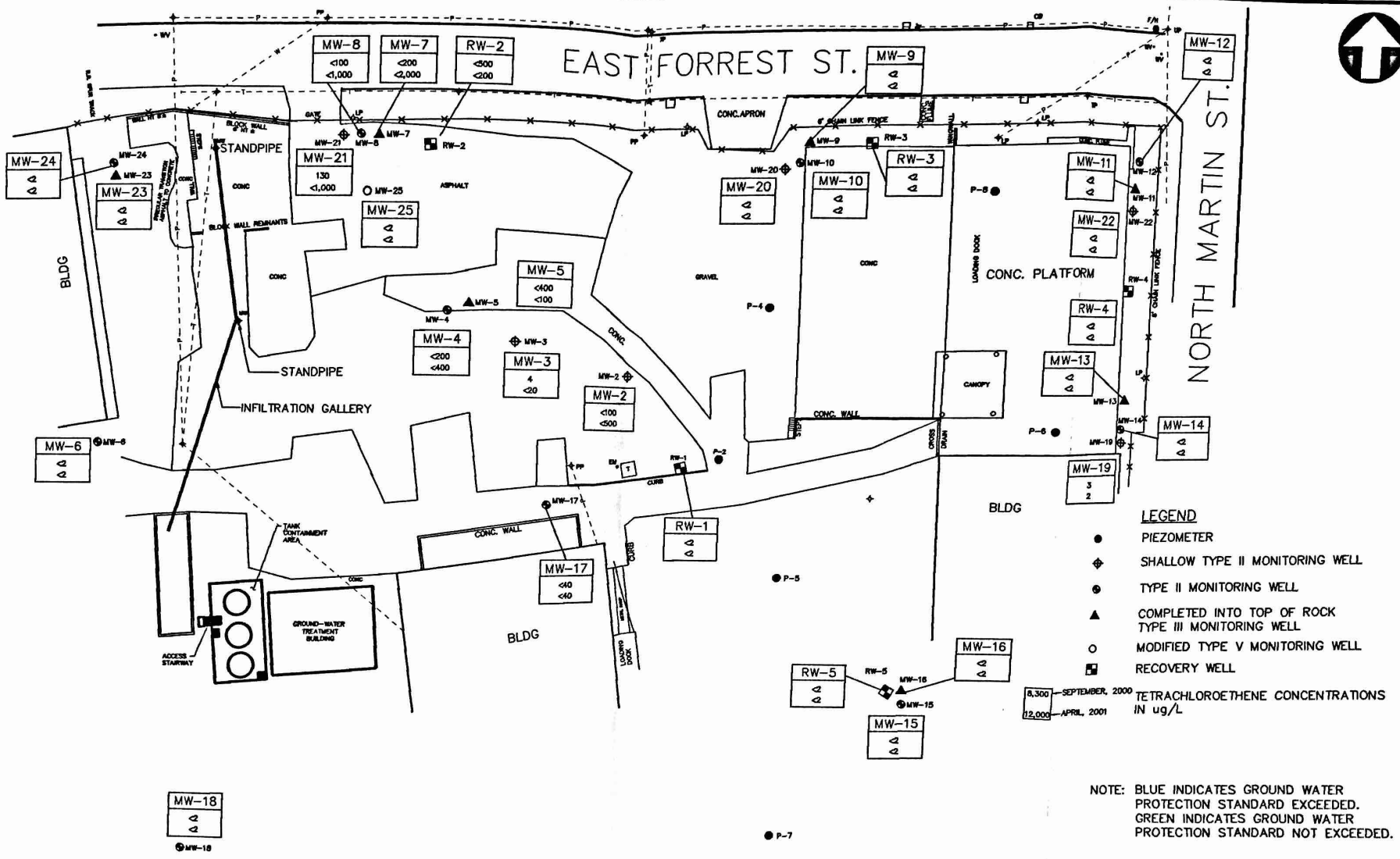
LAW
LAWGIBB Group Member

METHYLENE CHLORIDE CONCENTRATIONS IN GROUNDWATER

JOB NO. 12000-9-0073 FIGURE 16

PREPARED BY/DATE RAS 05/17/01
CHECKED BY/DATE LDW 07/11/01

J:\prismo\2001\TETRA.dwg 07/12/2001 4:56pm rolexand



LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL

8,300 — SEPTEMBER, 2000
12,000 — APRIL, 2001
TETRACHLOROETHENE CONCENTRATIONS IN ug/L

NOTE: BLUE INDICATES GROUND WATER PROTECTION STANDARD EXCEEDED. GREEN INDICATES GROUND WATER PROTECTION STANDARD NOT EXCEEDED.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, at 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SCALE IN FEET
0 50 100

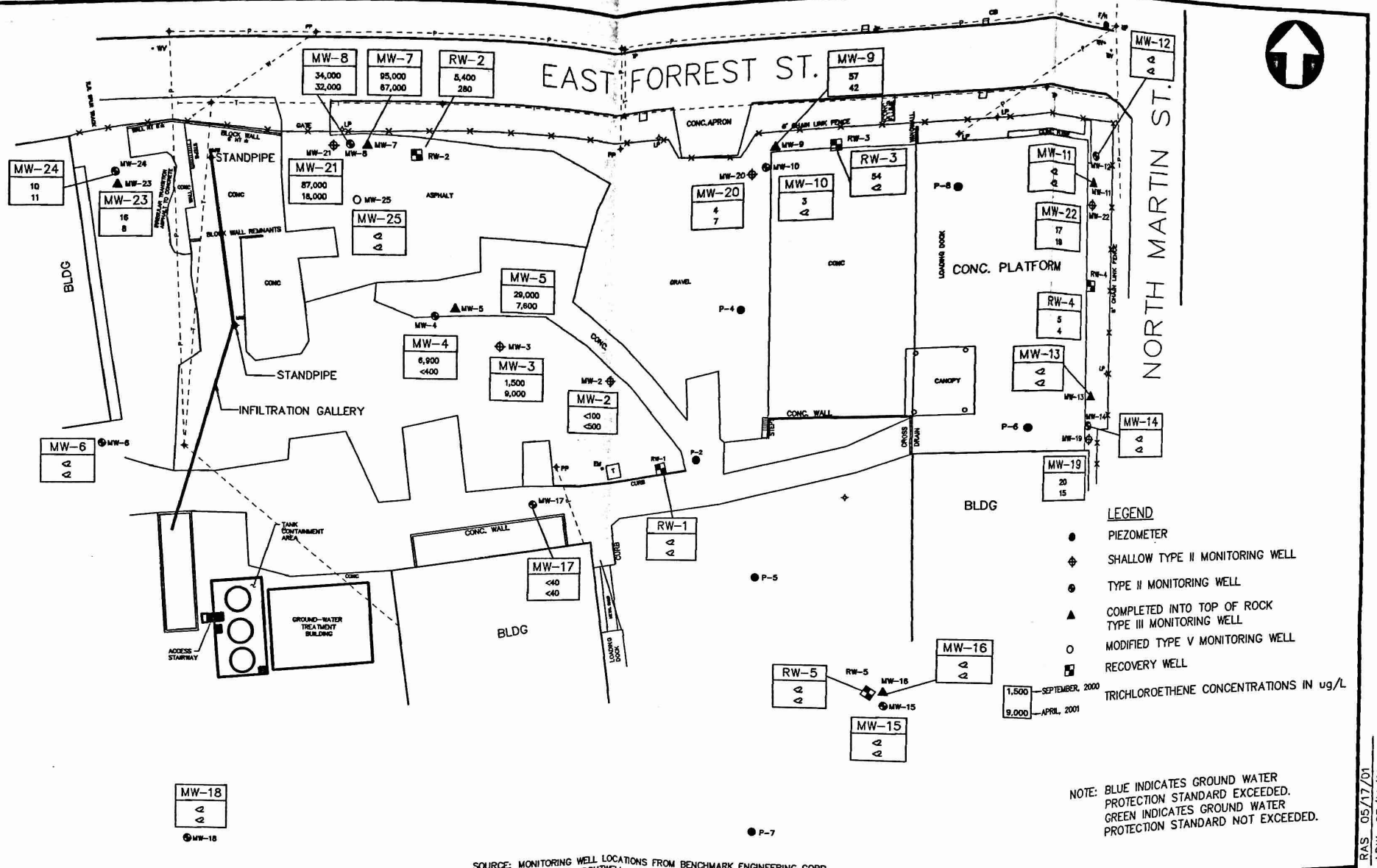
LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

TETRACHLOROETHENE CONCENTRATIONS IN GROUNDWATER

JOB NO. 12000-9-0073 FIGURE 17

PREPARED BY/DATE RAS 05/17/01



NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SCALE IN FEET
0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

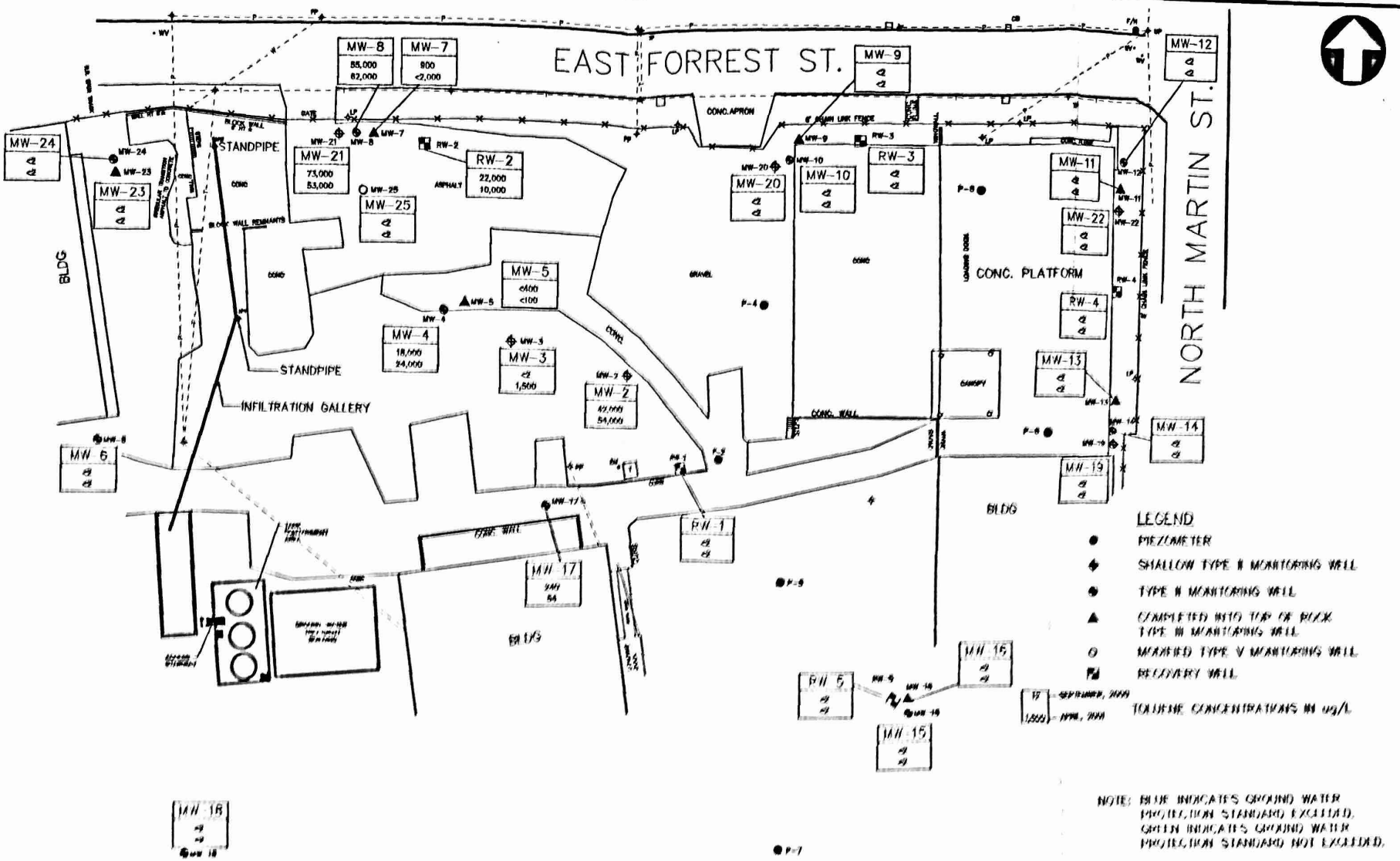
LAW
LAWGIBB Group Member

TRICHLOROETHENE CONCENTRATIONS IN GROUNDWATER

JOB NO. 12000-9-0073 FIGURE 18

PREPARED BY/DATE RAS 05/17/01

J:\prismo\2001\TOLUNE-GW.dwg 07/12/2001 4:27pm rolexand



NOTE: BLUE INDICATES GROUND WATER PROTECTION STANDARD EXCEEDED. GREEN INDICATES GROUND WATER PROTECTION STANDARD NOT EXCEEDED.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, at 1052.876, 1/2 inch standard disk stamped "A 25 1974" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of cemmination wells not shown.

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY GARTNER & ASSOCIATES INC.

SCALE IN FEET

0 50 100

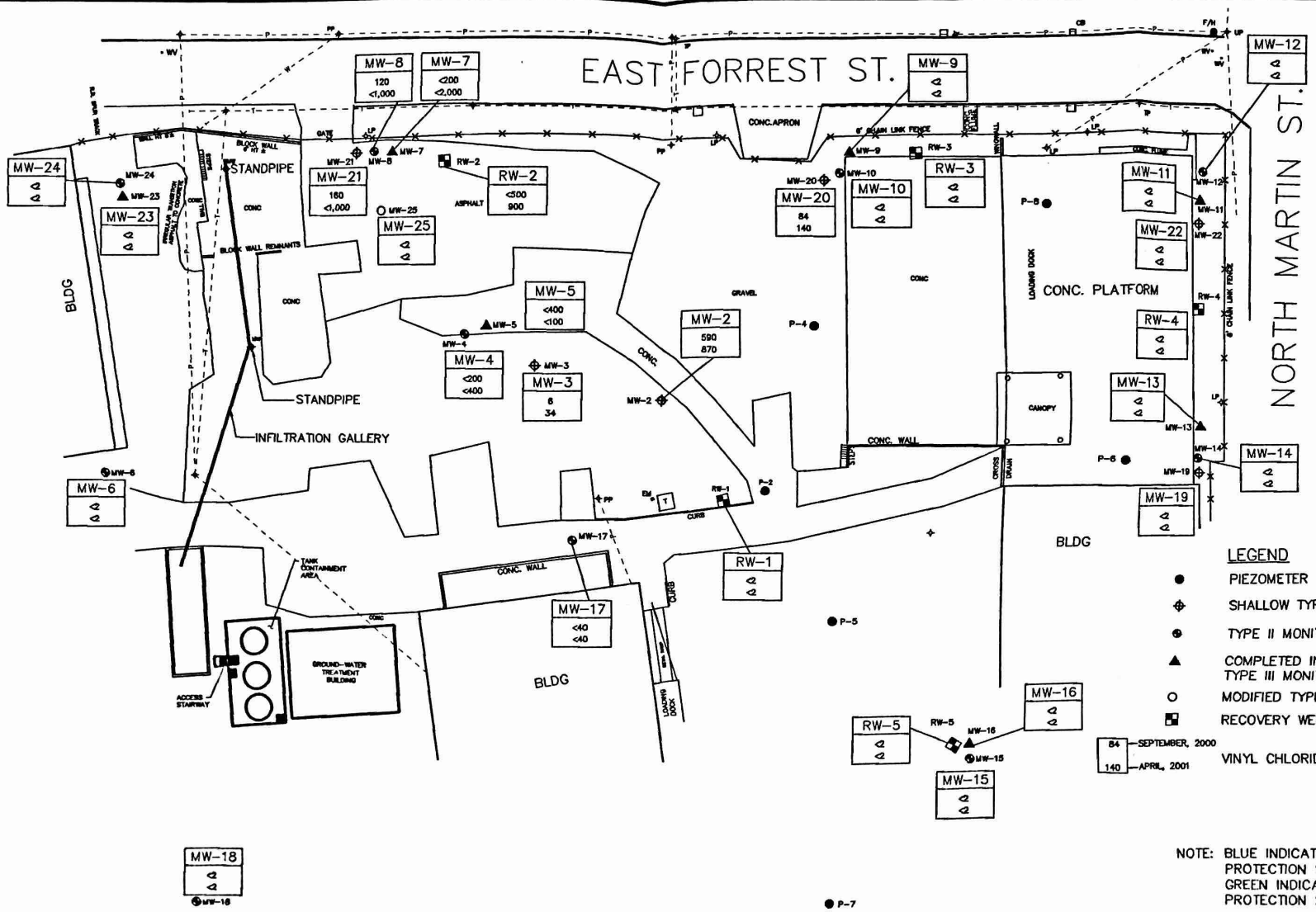
LDI - LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

TOLUENE CONCENTRATIONS IN GROUNDWATER

JOB NO. 12000 9 0073 FIGURE 19

J:\prismo\2001\VINYL-GW.dwg 07/11/2001 5:46pm ralexand



LEGEND

- ● PIEZOMETER
- ⊕ SHALLOW TYPE II MONITORING WELL
- ⊕ TYPE II MONITORING WELL
- ▲ COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- ○ MODIFIED TYPE V MONITORING WELL
- ▪ RECOVERY WELL
- 84 / 140 — SEPTEMBER, 2000 / APRIL, 2001 — VINYL CHLORIDE CONCENTRATIONS IN ug/L

NOTE: BLUE INDICATES GROUND WATER PROTECTION STANDARD EXCEEDED. GREEN INDICATES GROUND WATER PROTECTION STANDARD NOT EXCEEDED.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SCALE IN FEET

0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP. SITE MAP BY BOUTWELL & ASSOCIATES INC.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

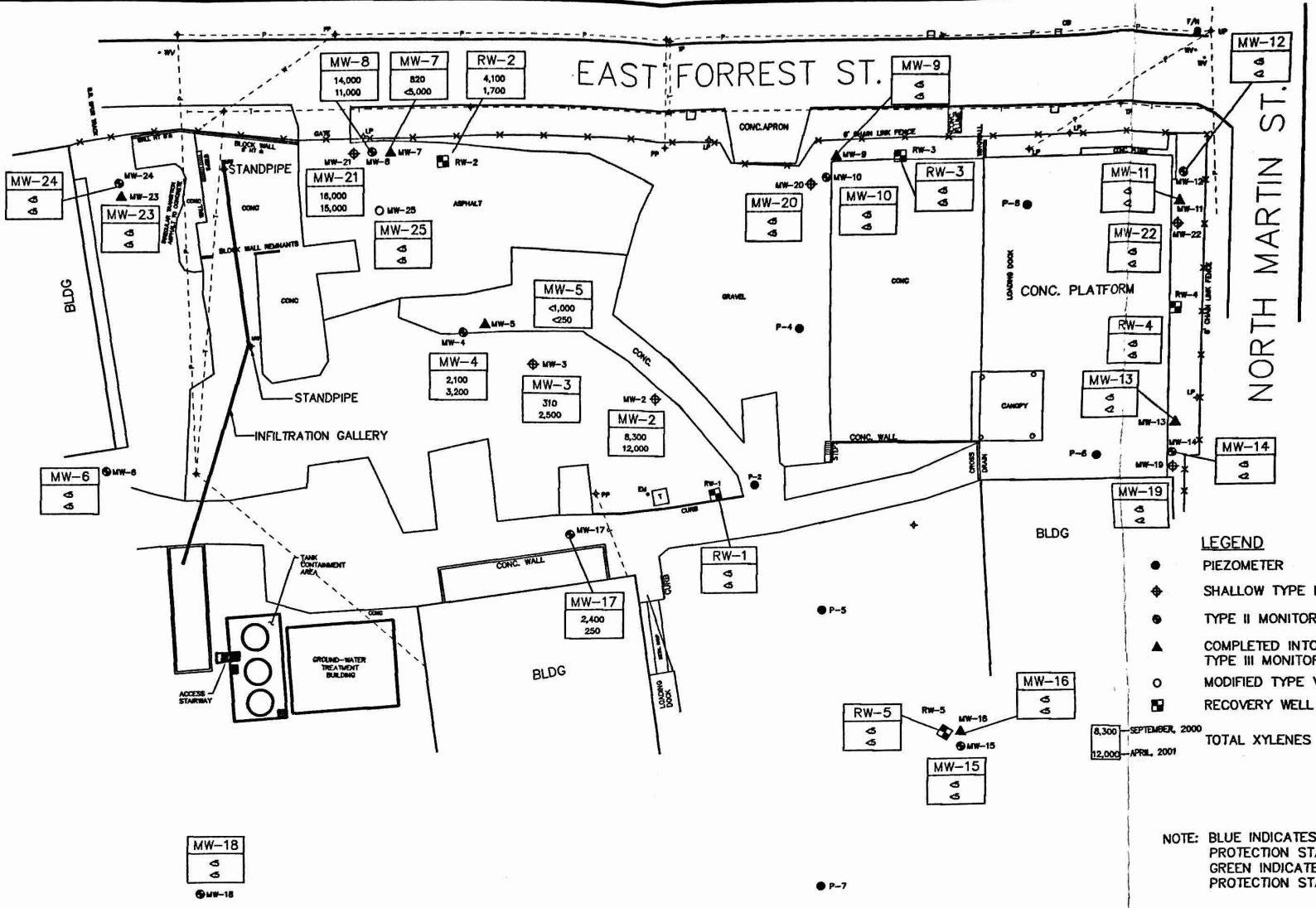
LAW
LAW@BB Group Member

VINYL CHLORIDE CONCENTRATIONS IN GROUNDWATER

JOB NO. 12000-9-0073 FIGURE 20

PREPARED BY/DATE RAS 05/17/01

J:\prismo\2001\TOTAL-XYLE.dwg 07/12/2001 4:47pm ralexand



LEGEND

- PIEZOMETER
- SHALLOW TYPE II MONITORING WELL
- TYPE II MONITORING WELL
- COMPLETED INTO TOP OF ROCK TYPE III MONITORING WELL
- MODIFIED TYPE V MONITORING WELL
- RECOVERY WELL

TOTAL XYLENES CONCENTRATIONS IN ug/L

NOTE: BLUE INDICATES GROUND WATER PROTECTION STANDARD EXCEEDED. GREEN INDICATES GROUND WATER PROTECTION STANDARD NOT EXCEEDED.

NOTES:

(1) Vertical datum is MSL, based upon FEMA bench mark RM3, el 1052.875, USC&GS standard disk stamped "A 257 1959" in the north face of the post office building, East Point.

(2) Utilities shown are based upon above-ground readily visible indications. Utilities not shown are likely to exist.

(3) Out of commission wells not shown.

SCALE IN FEET
0 50 100

SOURCE: MONITORING WELL LOCATIONS FROM BENCHMARK ENGINEERING CORP.
SITE MAP BY BOUTWELL & ASSOCIATES INC.

LDI – LAFARGE ROADMARKINGS
FORMER PRISMO SAFETY CORPORATION
EAST POINT, GEORGIA

LAW
LAWGIBB Group Member

TOTAL XYLENE CONCENTRATIONS IN GROUNDWATER

JOB NO. 12000-9-0073 FIGURE 21

PREPARED BY/DATE RAS 05/17/01

APPENDIX C
Historical Data

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
DPE-109	2/26/2014		<250	<250	<250	<250	<250			<250	<250		<250
DPE-109	4/25/2014		<5	<5	<5	<5	12			<5	<5		<5
DPE-109	2/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
DPE-118	2/26/2014		<5	<5	<5	<5	<5			<5	<5		<5
DPE-118	4/25/2014		<250	<250	<250	<250	<250			<250	<250		<250
DPE-118	2/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
DPE-305	2/26/2014		<250	<250	<250	<250	<250			<250	<250		<250
DPE-305	4/25/2014		<250	<250	<250	<250	<250			<250	<250		<250
DPE-305	2/18/2015		<2500	<2500	<2500	<2500	<2500			<2500	<2500		<2500
DPE-307	2/26/2014		<250	<250	<250	<250	<250			<250	<250		<250
DPE-307	4/25/2014		<250	<250	<250	<250	<250			<250	<250		<250
DPE-307	2/19/2015		<25000	<25000	<25000	<25000	<25000			<25000	<25000		<25000
DPE-307	1/18/2017		<5	<5	<5	<5	<5			<5	<5		<5
DPE-313	2/26/2014		<5	<5	<5	<5	<5			<5	<5		<5
DPE-313	4/25/2014		<5	<5	<5	<5	<5			<5	<5		<5
DPE-313	2/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
DPE-408	2/26/2014		<250	<250	<250	<250	<250			<250	<250		<250
DPE-408	4/25/2014		<250	<250	<250	<250	<250			<250	<250		<250
DPE-408	2/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
SP-1	1/5/2017		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW-02	1/1/2002		<5		<5	<5	7						<5
MW-02	6/1/2002		<2		<200	<5	<200						<200
MW-02	9/1/2002					<5	<200						
MW-02	12/1/2002		<5		<5	<5	<5						<5
MW-02	5/1/2003		<5		<5	<5	<5						<5
MW-02	8/1/2003		<5		<5	<5	12.8						<5
MW-02	11/1/2003		<5		<5	<5	<5						<5
MW-02	5/1/2004		<5		<5	<5	<5						<5
MW-02	11/1/2004		<5		<5	<5	<5						<5
MW-02	5/1/2005		<5		<5	<5	<5						<5
MW-02	11/1/2005		<5		<5	<5	<5						<5
MW-02	5/1/2006		<5		<5	18	<5						<5
MW-02	11/1/2006		<5		<5	<5	<5						8
MW-02	5/1/2007		<5		<5	<5	5.5						<5
MW-02	11/1/2007		<5		<5	<5	<5						<5
MW-02	5/1/2008		<5		<5	<5	<5						<5
MW-02	5/1/2009		<		<	<5	<5						<5
MW-02	8/1/2009		<		<	<5	<5						<5
MW-02	11/1/2009		<5		<5	<5	<5						<5
MW-02	5/1/2010		<5		<5	<5	<5						<5
MW-02	11/1/2010		<5		<5	<5	<5						<5
MW-02	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-02	5/27/2011	<5	<5	<5	<5	<5	<5	<5		<0.041	<0.02		<5
MW-02	11/10/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-02	5/16/2012	<5	<5	<5	<5	<5	<5	<5		<0.042	<0.021		<5
MW-02	11/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-02	5/16/2013	<5	<5	<5	<5	<5	<5	<5					<5
MW-02	10/7/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-02	5/30/2014	<5	<5	<5	<5	<5	<5	<5		<0.041	<0.02		<5
MW-02	11/24/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-02	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-02	11/13/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-02	1/18/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	1/1/2002		<5		<5	<5	<5						<5
MW-03	6/1/2002		<2		<2	<5	<2						9
MW-03	9/1/2002					<5	<10						
MW-03	12/1/2002		<5		<5	<5	<5						<5
MW-03	5/1/2003		<5		<5	<5	<5						<5
MW-03	11/1/2003		<5		<5	<5	<5						<5
MW-03	5/1/2004		<5		<5	<5	<5						246
MW-03	11/1/2004		<5		<5	<5	<5						<5
MW-03	5/1/2005		<5		<5	<5	<5						<5
MW-03	11/1/2005		<5		<5	<5	<5						<5
MW-03	5/1/2006		<5		<5	<5	<5						<5
MW-03	11/1/2006		<5		<5	<5	<5						<5
MW-03	5/1/2007		<5		<5	<5	<5						<5
MW-03	11/1/2007		<5		<5	<5	<5						<5
MW-03	5/1/2008		<5		<5	<5	<5						<5
MW-03	11/1/2008		<5		<5	7.1	40						<5
MW-03	2/1/2009		<5		<5	14	<5						<5
MW-03	5/1/2009		<5		<5	16	<5						<5
MW-03	8/1/2009		<5		<5	27	<5						<5
MW-03	11/1/2009		<5		<5	<5	<5						<5
MW-03	5/1/2010		<5		<5	<5	<5						<5
MW-03	11/1/2010		<5		<5	<5	<5						<5
MW-03	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	11/9/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	5/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	11/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	5/16/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	10/8/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	5/28/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	11/24/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-03	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-03	11/13/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	1/1/2002		<5		<5	<5	<5						<5
MW-04	6/1/2002		<2		<2	<5	2						<2
MW-04	9/1/2002					<5	<40						
MW-04	12/1/2002		<5		<5	<5	<5						<5
MW-04	5/1/2003		<5		<5	<5	<5						<5
MW-04	11/1/2003		<5		<5	<5	<5						<5
MW-04	5/1/2004		<5		<5	<5	<5						<5
MW-04	11/1/2004		<5		<5	<5	<5						<5
MW-04	5/1/2005		<5		<5	<5	<5						<5
MW-04	11/1/2005		<5		<5	<5	<5						<5
MW-04	5/1/2006		<5		<5	<5	<5						<5
MW-04	11/1/2006		<5		<5	<5	<5						<5
MW-04	5/1/2007		<5		<5	<5	<5						<5
MW-04	11/1/2007		<5		<5	<5	<5						<5
MW-04	5/1/2008		<5		<5	<5	<5						<5
MW-04	11/1/2008		<5		<5	<5	19						<5
MW-04	8/1/2009		<		<	<5	<5						<5
MW-04	11/1/2009		<5		<5	<5	<5						<5
MW-04	5/1/2010		<5		<5	<5	8						<5
MW-04	11/1/2010		<5		<5	<5	<5						<5
MW-04	5/25/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	11/11/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	5/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	11/12/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	5/16/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	10/8/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	5/29/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	11/24/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-04	11/13/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-05	1/1/2002		<5		<5	<5	<5						10
MW-05	9/1/2002					<5	<500						
MW-05	12/1/2002		<5		<5	<5	21.6						<5
MW-05	5/1/2003		<5		<5	<5	<5						<5
MW-05	8/1/2003		<5		<5	<5	<5						<5
MW-05	11/1/2003		<5		<5	<5	<5						<5
MW-05	5/1/2004		<5		<5	<5	<5						<5
MW-05	11/1/2004		<5		5.6	<5	<5						<5
MW-05	5/1/2005		<5		<5	<5	22						<5
MW-05	11/1/2005		<5		9	<5	57						<5
MW-05	5/1/2006		<5		5.4	<5	97						<5
MW-05	11/1/2006		<5		<5	<5	78						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-05	5/1/2007		<5		<5	<5	61						<5
MW-05	11/1/2007		<5		<5	<5	100						<5
MW-05	5/1/2008		<5		<5	<5	<5						43
MW-05	11/1/2008		<2500		<2500	<2500	<2500						<2500
MW-05	2/1/2009		<5		<5	35	<5						<5
MW-05	5/1/2009		<5		<5	<5	<5						<5
MW-05	8/1/2009		<5		<5	<5	<5						<5
MW-05	11/1/2009		<5		<5	<5	<5						<5
MW-05	5/1/2010		<5		<5	<5	31						<5
MW-05	11/1/2010		<5		<5	<5	30						<5
MW-05	5/25/2011		<5	<5	<5	<5	44			<5	<5		<5
MW-05	5/27/2011	<5	<5	<5	<5	<5	35	<5		<0.041	<0.021		<5
MW-05	11/11/2011		<500	<500	<500	<500	<500			<500	<500		<500
MW-05	5/15/2012		<5	<5	<5	<5	58			<5	<5		<5
MW-05	11/15/2012		<500	<500	<500	<500	<500			<500	<500		<500
MW-05	5/16/2013		<2500	<2500	<2500	<2500	<2500			<2500	<2500		<2500
MW-05	5/28/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-05R	4/16/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-05R	11/24/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-05R	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-05R	11/13/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	1/1/2002		<5		<5	<5	<5						<5
MW-06	6/1/2002		<2		<2	<5	<2						<2
MW-06	9/1/2002					<5							
MW-06	12/1/2002		<5		<5	<5	<5						<5
MW-06	5/1/2003		<5		<5	<5	<5						<5
MW-06	11/1/2003		<5		<5	<5	<5						<5
MW-06	5/1/2004		<5		<5	<5	<5						<5
MW-06	11/1/2004		<5		<5	<5	<5						<5
MW-06	5/1/2005		<5		<5	<5	<5						<5
MW-06	11/1/2005		<5		<5	<5	<5						<5
MW-06	5/1/2006		<5		<5	<5	<5						<5
MW-06	11/1/2006		<5		<5	<5	<5						<5
MW-06	5/1/2007		<5		<5	<5	<5						<5
MW-06	11/1/2007		<5		<5	<5	<5						<5
MW-06	5/1/2008		<5		<5	<5	<5						<5
MW-06	11/1/2008		<5		<5	<5	<5						<5
MW-06	5/1/2009		<5		<5	<5	<5						<5
MW-06	8/1/2009		<5		<5	<5	<5						<5
MW-06	11/1/2009		<5		<5	<5	<5						<5
MW-06	5/1/2010		<5		<5	<5	<5						<5
MW-06	11/1/2010		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-06	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	11/8/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	11/16/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	5/14/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	5/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	11/18/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	5/15/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-06	11/11/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-07	1/1/2002		<5		<5	<5	6						<5
MW-07	6/1/2002		<2		<2	<5	<2						<2
MW-07	9/1/2002					<5	<100						
MW-07	12/1/2002		<5		<5	<5	<5						<5
MW-07	5/1/2003		<5		<5	<5	8.8						<5
MW-07	8/1/2003		<5		<5	<5	<5						<5
MW-07	11/1/2003		<5		<5	<5	<5						<5
MW-07	5/1/2004		<5		<5	<5	<5						<5
MW-07	11/1/2004		<5		<5	<5	<5						<5
MW-07	5/1/2005		<5		<5	<5	<5						<5
MW-07	11/1/2005		<5		<5	<5	<5						<5
MW-07	5/1/2006		<5		<5	<5	<5						<5
MW-07	11/1/2006		<5		<5	<5	<5						<5
MW-07	5/1/2007		<5		<5	<5	9						<5
MW-07	11/1/2007		6		<5	<5	15						<5
MW-07	5/1/2008		<5		<5	<5	9.9						<5
MW-07	11/1/2008		<5000		<5000	<5000	<5000						<5000
MW-07	2/1/2009		<5		<5	<5	<5						<5
MW-07	5/1/2009		5.7		<5	13	<5						<5
MW-07	8/1/2009		<5		<5	<5	<5						<5
MW-07	11/1/2009		5.4		<5	<5	<5						<5
MW-07	5/1/2010		<5		<5	<5	8.2						<5
MW-07	11/1/2010		<250		<2500	<2500	<2500						<2500
MW-07	5/24/2011		<2500	<2500	<2500	<2500	<2500			<2500	<2500		<2500
MW-07	5/27/2011	<5	9.5	<5	5.6	<5	<5	<5		<0.041	<0.02		<5
MW-07	11/9/2011		<2500	<2500	<2500	<2500	<2500			<2500	<2500		<2500
MW-07	5/16/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-07	11/15/2012		<250	<250	<250	<250	<250			<250	<250		<250
MW-07	5/14/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-07	10/8/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-07	2/19/2014		<2500	<2500	<2500	<2500	<2500			<2500	<2500		<2500
MW-07	5/29/2014		19	<5	<5	<5	19			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-07	11/25/2014		<500	<500	<500	<500	<500			<500	<500		<500
MW-07	2/18/2015		<5	<5	<5	<5	27			<5	<5		<5
MW-07	5/19/2015		<5	<5	<5	<5	14			<5	<5		<5
MW-07	11/17/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-07	1/19/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	1/1/2002		<5		<5	<5	20						<5
MW-08	6/1/2002		<2		<20	<5	<20						<20
MW-08	9/1/2002					<5	<2						
MW-08	12/1/2002		<5		<5	<5	<5						<5
MW-08	5/1/2003		<5		<5	<5	<5						<5
MW-08	11/1/2003		<5		<5	<5	5.2						<5
MW-08	5/1/2004		<5		<5	<5	<5						<5
MW-08	11/1/2004		<5		<5	<5	<5						<5
MW-08	5/1/2005		<5		<5	<5	<5						<5
MW-08	11/1/2005		<5		<5	<5	<5						<5
MW-08	5/1/2006		<5		<5	<5	<5						<5
MW-08	11/1/2006		<5		<5	<5	<5						<5
MW-08	5/1/2007		<5		<5	<5	<5						<5
MW-08	11/1/2007		<5		<5	<5	<5						<5
MW-08	5/1/2008		<5		<5	<5	<5						<5
MW-08	11/1/2008		<5		<5	<5	<5						<5
MW-08	2/1/2009		<5		<5	<5	<5						<5
MW-08	5/1/2009		<5		<5	<5	<5						<5
MW-08	8/1/2009		<5		<5	<5	<5						<5
MW-08	11/1/2009		<5		<5	<5	<5						<5
MW-08	5/1/2010		<5		<5	<5	<5						<5
MW-08	11/1/2010		<5		<5	<5	<5						<5
MW-08	5/24/2011		<5	<5	<5	<5	30			<5	<5		<5
MW-08	11/9/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	5/16/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	11/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	5/14/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	10/8/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	2/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	5/30/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	11/25/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	2/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	5/21/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-08	11/16/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	1/1/2002		<5		<5	<5	<5						<5
MW-09	6/1/2002		<2		<2	<5	<2						<2
MW-09	9/1/2002					<5	<2						

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-09	12/1/2002		<5		<5	<5	<5						<5
MW-09	5/1/2003		<5		<5	<5	<5						<5
MW-09	11/1/2003		<5		<5	<5	<5						<5
MW-09	5/1/2004		<5		<5	<5	<5						<5
MW-09	11/1/2004		<5		<5	<5	<5						<5
MW-09	5/1/2005		<5		<5	<5	<5						<5
MW-09	11/1/2005		<5		<5	<5	<5						<5
MW-09	5/1/2006		<5		<5	<5	<5						<5
MW-09	11/1/2006		<5		<5	<5	<5						<5
MW-09	5/1/2007		<5		<5	<5	<5						<5
MW-09	11/1/2007		<5		<5	<5	<5						<5
MW-09	5/1/2008		<5		<5	<5	<5						<5
MW-09	11/1/2008		<5		<5	<5	6.8						<5
MW-09	2/1/2009		<5		<5	7.4	<5						<5
MW-09	5/1/2009		<5		<5	7.1	<5						<5
MW-09	8/1/2009		<5		<5	9.2	<5						<5
MW-09	11/1/2009		<5		<5	<5	<5						<5
MW-09	5/1/2010		<5		<5	<5	11						<5
MW-09	11/1/2010		<5		<5	<5	<5						<5
MW-09	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	11/11/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	5/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	11/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	5/27/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	11/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-09	11/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	1/1/2002		<5		<5	<5	<5						<5
MW-10	6/1/2002		<2		<2	<5	<2						<2
MW-10	9/1/2002					<5	<2						
MW-10	12/1/2002		<5		<5	<5	<5						<5
MW-10	5/1/2003		<5		<5	<5	<5						<5
MW-10	11/1/2003		<5		<5	<5	<5						<5
MW-10	5/1/2004		<5		<5	<5	<5						<5
MW-10	11/1/2004		<5		<5	<5	<5						<5
MW-10	5/1/2005		<5		<5	<5	<5						<5
MW-10	11/1/2005		<5		<5	<5	<5						<5
MW-10	5/1/2006		<5		<5	<5	<5						<5
MW-10	11/1/2006		<5		<5	<5	<5						<5
MW-10	5/1/2007		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-10	11/1/2007		<5		<5	<5	<5						<5
MW-10	5/1/2008		<5		<5	<5	<5						<5
MW-10	11/1/2008		<5		<5	<5	<5						<5
MW-10	2/1/2009		<5		<5	11	<5						<5
MW-10	5/1/2009		<5		<5	24	<5						<5
MW-10	8/1/2009		<5		<5	<5	<5						<5
MW-10	11/1/2009		<5		<5	<5	<5						<5
MW-10	5/1/2010		<5		<5	<5	<5						<5
MW-10	11/1/2010		<5		<5	<5	<5						<5
MW-10	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	11/11/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	5/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	11/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	5/27/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	11/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-10	11/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	1/1/2002		<5		<5	<5	<5						<5
MW-11	6/1/2002		<2		<2	<5	<2						<2
MW-11	9/1/2002					<5							
MW-11	12/1/2002		<5		<5	<5	<5						<5
MW-11	5/1/2003		<5		<5	<5	<5						<5
MW-11	11/1/2003		<5		<5	<5	<5						<5
MW-11	5/1/2004		<5		<5	<5	<5						<5
MW-11	11/1/2004		<5		<5	<5	<5						<5
MW-11	5/1/2005		<5		<5	<5	<5						<5
MW-11	11/1/2005		<5		<5	<5	<5						<5
MW-11	5/1/2006		<5		<5	<5	<5						<5
MW-11	11/1/2006		<5		<5	<5	<5						<5
MW-11	5/1/2007		<5		<5	<5	<5						<5
MW-11	11/1/2007		<5		<5	<5	<5						<5
MW-11	5/1/2008		<5		<5	<5	<5						<5
MW-11	11/1/2008		<5		<5	<5	<5						<5
MW-11	2/1/2009		<5		<5	<5	<5						<5
MW-11	5/1/2009		<5		<5	<5	<5						<5
MW-11	8/1/2009		<5		<5	<5	<5						<5
MW-11	11/1/2009		<5		<5	<5	<5						<5
MW-11	5/1/2010		<5		<5	<5	<5						<5
MW-11	11/1/2010		<5		<5	<5	<5						<5
MW-11	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-11	11/9/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	11/13/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	5/28/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	11/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	11/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-11	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	1/1/2002		<5		<5	<5	<5						<5
MW-12	6/1/2002		<2		<2	<5	<2						<2
MW-12	12/1/2002		<5		<5	<5	<5						<5
MW-12	5/1/2003		<5		<5	<5	<5						<5
MW-12	11/1/2003		<5		<5	<5	<5						<5
MW-12	5/1/2004		<5		<5	<5	<5						<5
MW-12	11/1/2004		<5		<5	<5	<5						<5
MW-12	5/1/2005		<5		<5	<5	<5						<5
MW-12	11/1/2005		<5		<5	<5	<5						<5
MW-12	5/1/2006		<5		<5	<5	<5						<5
MW-12	11/1/2006		<5		<5	<5	<5						<5
MW-12	5/1/2007		<5		<5	<5	<5						<5
MW-12	11/1/2007		<5		<5	<5	<5						<5
MW-12	5/1/2008		<5		<5	<5	<5						<5
MW-12	11/1/2008		<5		<5	<5	<5						<5
MW-12	2/1/2009		<5		<5	<5	<5						<5
MW-12	5/1/2009		<5		<5	<5	<5						<5
MW-12	8/1/2009		<5		<5	<5	<5						<5
MW-12	11/1/2009		<5		<5	<5	<5						<5
MW-12	5/1/2010		<5		<5	<5	<5						<5
MW-12	10/1/2010		<5		<5	<5	<5						<5
MW-12	11/1/2010		<5		<5	<5	<5						<5
MW-12	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	11/9/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	11/13/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	5/27/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	11/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-12	11/19/2015		<5	<5	<5	<5	<5			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-13	1/1/2002		<5		<5	<5	<5						<5
MW-13	6/1/2002		<2		<2	<5	<2						<2
MW-13	9/1/2002					<5							
MW-13	12/1/2002		<5		<5	<5	<5						<5
MW-13	5/1/2003		<5		<5	<5	<5						<5
MW-13	11/1/2003		<5		<5	<5	<5						<5
MW-13	5/1/2004		<5		<5	<5	<5						<5
MW-13	11/1/2004		<5		<5	<5	<5						<5
MW-13	5/1/2005		<5		<5	<5	<5						<5
MW-13	11/1/2005		<5		<5	<5	<5						<5
MW-13	5/1/2006		<5		<5	<5	<5						<5
MW-13	11/1/2006		<5		<5	<5	<5						<5
MW-13	5/1/2007		<5		<5	<5	<5						<5
MW-13	11/1/2007		<5		<5	<5	<5						<5
MW-13	5/1/2008		<5		<5	<5	<5						<5
MW-13	11/1/2008		<5		<5	<5	<5						<5
MW-13	11/1/2009		<5		<5	<5	<5						<5
MW-13	5/1/2010		<5		<5	<5	<5						<5
MW-13	11/1/2010		<5		<5	<5	<5						<5
MW-13	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	11/10/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	5/10/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	11/13/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	5/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	11/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-13	11/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	1/1/2002		<5		<5	<5	<5						<5
MW-14	6/1/2002		<2		<2	<5	<2						<2
MW-14	12/1/2002		<5		<5	<5	<5						<5
MW-14	5/1/2003		<5		<5	<5	<5						<5
MW-14	11/1/2003		<5		<5	<5	<5						<5
MW-14	5/1/2004		<5		<5	<5	<5						<5
MW-14	11/1/2004		<5		<5	<5	<5						<5
MW-14	5/1/2005		<5		<5	<5	<5						<5
MW-14	11/1/2005		<5		<5	<5	<5						<5
MW-14	5/1/2006		<5		<5	<5	<5						<5
MW-14	11/1/2006		<5		<5	<5	<5						<5
MW-14	5/1/2007		<5		<5	<5	<5						<5
MW-14	11/1/2007		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-14	5/1/2008		<5		<5	<5	<5						<5
MW-14	11/1/2008		<5		<5	<5	<5						<5
MW-14	2/1/2009		<5		<5	<5	<5						<5
MW-14	5/1/2009		<5		<5	<5	<5						<5
MW-14	8/1/2009		<5		<5	<5	<5						<5
MW-14	11/1/2009		<5		<5	<5	<5						<5
MW-14	5/1/2010		<5		<5	<5	<5						<5
MW-14	10/1/2010		<5		<5	<5	<5						<5
MW-14	11/1/2010		<5		<5	<5	<5						<5
MW-14	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	11/10/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	5/10/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	11/13/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	5/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	11/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-14	11/17/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	1/1/2002		<5		<5	<5	<5						<5
MW-15	6/1/2002		<2		<2	<5	<2						<2
MW-15	9/1/2002					<5							
MW-15	12/1/2002		<5		<5	<5	<5						<5
MW-15	5/1/2003		<5		<5	<5	<5						<5
MW-15	11/1/2003		<5		<5	<5	<5						<5
MW-15	5/1/2004		<5		<5	<5	<5						<5
MW-15	11/1/2004		<5		<5	<5	<5						<5
MW-15	5/1/2005		<5		<5	<5	<5						<5
MW-15	11/1/2005		<5		<5	<5	<5						<5
MW-15	5/1/2006		<5		<5	<5	<5						<5
MW-15	11/1/2006		<5		<5	<5	<5						<5
MW-15	5/1/2007		<5		<5	<5	<5						<5
MW-15	11/1/2007		<5		<5	<5	<5						<5
MW-15	5/1/2008		<5		<5	<5	<5						<5
MW-15	11/1/2008		<5		<5	<5	<5						<5
MW-15	2/1/2009		<5		<5	<5	<5						<5
MW-15	5/1/2009		<5		<5	<5	<5						<5
MW-15	8/1/2009		<5		<5	<5	<5						<5
MW-15	11/1/2009		<5		<5	<5	<5						<5
MW-15	5/1/2010		<5		<5	<5	<5						<5
MW-15	10/1/2010		<5		<5	<5	<5						<5
MW-15	11/1/2010		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-15	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	11/9/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	11/13/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	5/13/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	5/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	11/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-15	11/12/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	1/1/2002		<5		<5	<5	<5						<5
MW-16	6/1/2002		<2		<2	<5	<2						<2
MW-16	9/1/2002					<5							
MW-16	12/1/2002		<5		<5	<5	<5						<5
MW-16	5/1/2003		<5		<5	<5	<5						<5
MW-16	11/1/2003		<5		<5	<5	<5						<5
MW-16	5/1/2004		<5		<5	<5	<5						<5
MW-16	11/1/2004		<5		<5	<5	<5						<5
MW-16	5/1/2005		<5		<5	<5	<5						<5
MW-16	11/1/2005		<5		<5	<5	<5						<5
MW-16	5/1/2006		<5		<5	<5	<5						<5
MW-16	11/1/2006		<5		<5	<5	<5						<5
MW-16	5/1/2007		<5		<5	<5	<5						<5
MW-16	11/1/2007		<5		<5	<5	<5						<5
MW-16	5/1/2008		<5		<5	<5	<5						<5
MW-16	11/1/2008		<5		<5	<5	<5						<5
MW-16	2/1/2009		<5		<5	<5	<5						<5
MW-16	5/1/2009		<5		<5	<5	<5						<5
MW-16	8/1/2009		<5		<5	<5	<5						<5
MW-16	11/1/2009		<5		<5	<5	<5						<5
MW-16	5/1/2010		<5		<5	<5	<5						<5
MW-16	11/1/2010		<5		<5	<5	<5						<5
MW-16	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	11/9/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	11/13/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	5/13/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	5/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	11/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-16	11/12/2015		<5	<5	<5	<5	<5			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-17	1/1/2002		<5		<5	<5	<5						<5
MW-17	6/1/2002		<2		6	<5	<2						3
MW-17	9/1/2002					<5	<2						
MW-17	12/1/2002		<5		<5	<5	<5						<5
MW-17	5/1/2003		<5		<5	<5	<5						<5
MW-17	11/1/2003		<5		<5	<5	<5						<5
MW-17	5/1/2004		<5		<5	<5	<5						<5
MW-17	11/1/2004		<5		<5	<5	<5						<5
MW-17	5/1/2005		<5		<5	<5	<5						<5
MW-17	11/1/2005		<5		<5	<5	<5						<5
MW-17	5/1/2006		<5		<5	<5	<5						<5
MW-17	11/1/2006		<5		<5	<5	<5						<5
MW-17	5/1/2007		<5		<5	<5	<5						<5
MW-17	11/1/2007		<5		<5	<5	<5						<5
MW-17	5/1/2008		<5		<5	<5	<5						<5
MW-17	11/1/2008		<5		<5	<5	<5						<5
MW-17	2/1/2009		<5		<5	<5	<5						<5
MW-17	5/1/2009		<5		<5	<5	<5						<5
MW-17	8/1/2009		<5		<5	<5	<5						<5
MW-17	11/1/2009		<5		<5	<5	<5						<5
MW-17	5/1/2010		<5		<5	<5	<5						<5
MW-17	11/1/2010		<5		<5	<5	<5						<5
MW-17	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	11/10/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	5/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	11/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	5/14/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	10/7/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	5/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	11/24/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	11/12/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-17	1/18/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	1/1/2002		<5		<5	<5	<5						<5
MW-18	6/1/2002		<2		<2	<5	<2						<2
MW-18	9/1/2002					<5							
MW-18	12/1/2002		<5		<5	<5	<5						<5
MW-18	5/1/2003		<5		<5	<5	<5						<5
MW-18	11/1/2003		<5		<5	<5	<5						<5
MW-18	5/1/2004		<5		<5	<5	<5						<5
MW-18	11/1/2004		<5		<5	<5	<5						<5
MW-18	5/1/2005		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-18	11/1/2005		<5		<5	<5	<5						<5
MW-18	5/1/2006		<5		<5	<5	<5						<5
MW-18	11/1/2006		<5		<5	<5	<5						<5
MW-18	5/1/2007		<5		<5	<5	<5						<5
MW-18	11/1/2007		<5		<5	<5	<5						<5
MW-18	5/1/2008		<5		<5	<5	<5						<5
MW-18	11/1/2008		<5		<5	<5	<5						<5
MW-18	5/1/2009		<5		<5	<5	<5						<5
MW-18	8/1/2009		<5		<5	<5	<5						<5
MW-18	11/1/2009		<5		<5	<5	<5						<5
MW-18	5/1/2010		<5		<5	<5	<5						<5
MW-18	11/1/2010		<5		<5	<5	<5						<5
MW-18	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	11/8/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	11/16/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	5/14/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	5/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	11/18/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	5/15/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-18	11/12/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	1/1/2002		<5		<5	<5	<5						<5
MW-19	6/1/2002		<2		<2	<5	<2						<2
MW-19	9/1/2002					<5							
MW-19	12/1/2002		<5		<5	<5	<5						<5
MW-19	5/1/2003		<5		<5	<5	<5						<5
MW-19	11/1/2003		<5		<5	<5	<5						<5
MW-19	5/1/2004		<5		<5	<5	<5						<5
MW-19	11/1/2004		<5		<5	<5	<5						<5
MW-19	5/1/2005		<5		<5	<5	<5						<5
MW-19	11/1/2005		<5		<5	<5	<5						<5
MW-19	5/1/2006		<5		<5	<5	<5						<5
MW-19	11/1/2006		<5		<5	<5	<5						<5
MW-19	5/1/2007		<5		<5	<5	<5						<5
MW-19	11/1/2007		<5		<5	<5	<5						<5
MW-19	5/1/2008		<5		<5	<5	<5						<5
MW-19	11/1/2008		<5		<5	<5	<5						<5
MW-19	2/1/2009		<5		<5	<5	<5						<5
MW-19	5/1/2009		<5		<5	<5	<5						<5
MW-19	8/1/2009		<5		<5	<5	<5						<5
MW-19	11/1/2009		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-19	5/1/2010		<5		<5	<5	<5						<5
MW-19	11/1/2010		<5		<5	<5	<5						<5
MW-19	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	11/10/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	5/10/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	11/13/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	5/14/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	5/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	11/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-19	11/17/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	1/1/2002		<5		<5	<5	<5						<5
MW-20	6/1/2002		<2		<2	<5	<2						<2
MW-20	12/1/2002		<5		<5	<5	<5						<5
MW-20	5/1/2003		<5		<5	<5	<5						<5
MW-20	11/1/2003		<5		<5	<5	<5						<5
MW-20	5/1/2004		<5		<5	<5	<5						<5
MW-20	11/1/2004		<5		<5	<5	<5						<5
MW-20	5/1/2005		<5		<5	<5	<5						<5
MW-20	11/1/2005		<5		<5	<5	<5						<5
MW-20	5/1/2006		<5		<5	<5	<5						<5
MW-20	11/1/2006		<5		<5	<5	<5						<5
MW-20	5/1/2007		<5		<5	<5	<5						<5
MW-20	11/1/2007		<5		<5	<5	<5						<5
MW-20	5/1/2008		<5		<5	<5	<5						<5
MW-20	11/1/2008		<5		<5	<5	<5						<5
MW-20	2/1/2009		<5		<5	<5	<5						<5
MW-20	5/1/2009		<5		<5	<5	<5						<5
MW-20	8/1/2009		<5		<5	<5	<5						<5
MW-20	11/1/2009		<5		<5	<5	<5						<5
MW-20	5/1/2010		<5		<5	<5	<5						<5
MW-20	11/1/2010		<5		<5	<5	<5						<5
MW-20	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	11/11/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	5/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	11/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	5/27/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	11/21/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-20	11/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-20	1/18/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-21	1/1/2002		<5		<5	<5	10						<5
MW-21	12/1/2002		<5		<5	<5	19.7						<5
MW-21	5/1/2003		<5		<5	<5	<5						<5
MW-21	11/1/2003		<5		<5	<5	10						<5
MW-21	5/1/2004		<5		<5	<5	<5						<5
MW-21	11/1/2004		<5		<5	<5	<5						<5
MW-21	5/1/2005		<5		<5	<5	<5						<5
MW-21	11/1/2005		<5		<5	<5	<5						<5
MW-21	5/1/2006		<5		<5	<5	<5						<5
MW-21	11/1/2006		<5		<5	<5	<5						<5
MW-21	11/1/2007		<5		<5	<5	5						<5
MW-21	5/1/2008		<5		<5	<5	15						<5
MW-21	11/1/2009		<5		<5	<5	<5						<5
MW-21	5/1/2010		<5		<5	<5	25						<5
MW-21	11/1/2010		<5		<5	<5	<5						<5
MW-21	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-21	11/9/2011		<5	<5	<5	<5	5			<5	<5		<5
MW-21	5/16/2012		<5	<5	<5	<5	22			<5	<5		<5
MW-21	11/15/2012		<100	<100	<100	<100	<100			<100	<100		<100
MW-21	5/14/2013		<5	<5	<5	<5	43			<5	<5		<5
MW-21	10/8/2013		<5	<5	<5	<5	18			<5	<5		<5
MW-21	2/19/2014		<500	<500	<500	<500	<500			<500	<500		<500
MW-21	5/29/2014		<5	<5	<5	<5	15			<5	<5		<5
MW-21	11/25/2014		<5	<5	<5	<5	9.1			<5	<5		<5
MW-21	2/18/2015		<5	<5	<5	<5	5.8			<5	<5		<5
MW-21	5/21/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-21	11/16/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-21	1/19/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	1/1/2002		<5		<5	<5	<5						<5
MW-22	6/1/2002		<2		<2	<5	<2						<2
MW-22	9/1/2002												
MW-22	12/1/2002		<5		<5	<5	<5						<5
MW-22	5/1/2003		<5		<5	<5	<5						<5
MW-22	11/1/2003		<5		<5	<5	<5						<5
MW-22	5/1/2004		<5		<5	<5	<5						<5
MW-22	11/1/2004		<5		<5	<5	<5						<5
MW-22	5/1/2005		<5		<5	<5	<5						<5
MW-22	11/1/2005		<5		<5	<5	<5						<5
MW-22	5/1/2006		<5		<5	<5	<5						<5
MW-22	11/1/2006		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-22	5/1/2007		<5		<5	<5	<5						<5
MW-22	11/1/2007		<5		<5	<5	<5						<5
MW-22	5/1/2008		<5		<5	<5	<5						<5
MW-22	11/1/2008		<5		<5	<5	<5						<5
MW-22	2/1/2009		<5		<5	<5	<5						<5
MW-22	5/1/2009		<5		<5	<5	<5						<5
MW-22	8/1/2009		<5		<5	<5	<5						<5
MW-22	11/1/2009		<5		<5	<5	<5						<5
MW-22	5/1/2010		<5		<5	<5	<5						<5
MW-22	11/1/2010		<5		<5	<5	<5						<5
MW-22	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	11/9/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	11/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	5/28/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	11/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-22	11/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-23	1/1/2002		<5		<5	<5	<5						<5
MW-23	6/1/2002		<2		<2	<5	<2						<2
MW-23	9/1/2002					<5							
MW-23	12/1/2002		<5		<5	<5	<5						<5
MW-23	5/1/2003		<5		<5	<5	<5						<5
MW-23	11/1/2003		<5		<5	<5	<5						<5
MW-23	5/1/2004		<5		<5	<5	<5						<5
MW-23	11/1/2004		<5		<5	<5	<5						<5
MW-23	5/1/2005		<5		<5	<5	<5						<5
MW-23	11/1/2005		<5		<5	<5	<5						<5
MW-23	5/1/2006		<5		<5	<5	<5						<5
MW-23	11/1/2006		<5		<5	<5	<5						<5
MW-23	5/1/2007		<5		<5	<5	<5						<5
MW-23	11/1/2007		<5		<5	<5	<5						<5
MW-23	5/1/2008		<5		<5	<5	<5						<5
MW-23	11/1/2008		<5		<5	<5	<5						<5
MW-23	5/1/2009		<5		<5	<5	<5						<5
MW-23	8/1/2009		<5		<5	<5	<5						<5
MW-23	11/1/2009		<5		<5	<5	<5						<5
MW-23	5/1/2010		<5		<5	<5	<5						<5
MW-23	11/1/2010		<5		<5	<5	<5						<5
MW-23	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-23	11/8/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-23	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-23	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-23	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-23	5/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-23	11/18/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-23	5/15/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-23	11/11/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	1/1/2002		<5		<5	<5	<5						<5
MW-24	6/1/2002		<2		<2	<5	<2						<2
MW-24	9/1/2002					<5							
MW-24	12/1/2002		<5		<5	<5	<5						<5
MW-24	5/1/2003		<5		<5	<5	<5						<5
MW-24	11/1/2003		<5		<5	<5	<5						<5
MW-24	5/1/2004		<5		<5	<5	<5						<5
MW-24	11/1/2004		<5		<5	<5	<5						<5
MW-24	5/1/2005		<5		<5	<5	<5						<5
MW-24	11/1/2005		<5		<5	<5	<5						<5
MW-24	5/1/2006		<5		<5	<5	<5						<5
MW-24	11/1/2006		<5		<5	<5	<5						<5
MW-24	5/1/2007		<5		<5	<5	<5						<5
MW-24	11/1/2007		<5		<5	<5	<5						<5
MW-24	5/1/2008		<5		<5	<5	<5						<5
MW-24	11/1/2008		<5		<5	<5	<5						<5
MW-24	5/1/2009		<		<	<	<						<
MW-24	8/1/2009		<		<	<	<						<
MW-24	11/1/2009		<5		<5	<	<						<
MW-24	5/1/2010		<5		<5	<5	<5						<5
MW-24	11/1/2010		<5		<5	<5	<5						<5
MW-24	5/23/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	11/8/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	11/16/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	5/14/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	5/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	11/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	5/15/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-24	11/11/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	1/1/2002		<5		<5	<5	<5						<5
MW-25	6/1/2002		<2		<2	<5	<2						<2
MW-25	9/1/2002					<5							

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-25	12/1/2002		<5		<5	<5	<5						<5
MW-25	5/1/2003		<5		<5	<5	<5						<5
MW-25	11/1/2003		<5		<5	<5	<5						<5
MW-25	5/1/2004		<5		<5	<5	<5						<5
MW-25	11/1/2004		<5		<5	<5	<5						<5
MW-25	5/1/2005		<5		<5	<5	<5						<5
MW-25	11/1/2005		<5		<5	<5	<5						<5
MW-25	5/1/2006		<5		<5	<5	<5						<5
MW-25	11/1/2006		<5		<5	<5	<5						<5
MW-25	5/1/2007		<5		<5	<5	<5						<5
MW-25	11/1/2007		<5		<5	<5	<5						<5
MW-25	5/1/2008		<5		<5	<5	<5						<5
MW-25	11/1/2008		<5		<5	<5	<5						<5
MW-25	2/1/2009		<		<	<	<						<
MW-25	5/1/2009		<		<	<	<						<
MW-25	8/1/2009		<		<	<	<						<
MW-25	11/1/2009		<5		<5	<	<						<
MW-25	5/25/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	5/10/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	11/19/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	5/29/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	11/25/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	5/21/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-25	11/20/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	5/1/2010		<5		<5	<5	<5						<5
MW-26	11/1/2010		<5		<5	<5	<5						<5
MW-26	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	11/10/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	5/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	11/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	5/15/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	10/7/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	2/18/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	5/23/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	11/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	11/16/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-26	1/18/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-27	5/1/2010		<5		<5	<5	5						<5
MW-27	11/1/2010		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-27	5/24/2011		<5	<5	<5	<5	7.2			<5	<5		<5
MW-27	11/10/2011		<5	<5	<5	<5	6.1			<5	<5		<5
MW-27	5/15/2012		<5	<5	<5	<5	12			<5	<5		<5
MW-27	11/14/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-27	5/16/2013		<5	<5	<5	<5	6.4			<5	<5		<5
MW-27	10/10/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-27	2/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-27	5/23/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-27	11/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-27	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-27	11/16/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	5/1/2010		<5		<5	<5	<5						<5
MW-28	11/1/2010		<5		<5	<5	<5						<5
MW-28	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	11/10/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	5/16/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	11/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	5/16/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	5/28/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	11/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-28	11/20/2015		<5	<5	<5	<5	5.7			<5	<5		<5
MW-28	1/20/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	5/1/2010		<5		<5	<5	<5						<5
MW-29	11/1/2010		<5		<5	<5	<5						<5
MW-29	5/24/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	11/11/2011		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	5/16/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	11/15/2012		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	5/16/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	10/9/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	5/28/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	11/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-29	11/20/2015		<5	<5	<5	<5	5.6			<5	<5		<5
MW-30	10/8/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-30	5/27/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-30	11/24/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-30	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-30	11/12/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-31	10/8/2013		<5	<5	<5	<5	<5			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-31	5/27/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-31	11/20/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-31	5/19/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-31	11/12/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-32	10/8/2013		30	<5	<5	<5	15			<5	<5		<5
MW-32	2/19/2014		<5000	<5000	<5000	<5000	<5000			<5000	<5000		<5000
MW-32	4/16/2014		<500	<500	<500	<500	<500			<500	<500		<500
MW-32	5/30/2014		38	<5	14	<5	71			<5	<5		<5
MW-32	11/20/2014		36	<5	110	<5	81			<5	<5		<5
MW-32	2/18/2015		<2500	<2500	<2500	<2500	<2500			<2500	<2500		<2500
MW-32	5/15/2015		<25000	<25000	<25000	<25000	<25000			<25000	<25000		<25000
MW-32	11/17/2015		<50	<50	<50	<50	<50			<50	<50		<50
MW-32	1/19/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-33	10/8/2013		<5	<5	<5	<5	<5			<5	<5		<5
MW-33	5/29/2014		<5			<5	<5				<5		
MW-33	11/24/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-33	5/21/2015		<5	<5	<5	<5	5.4			<5	<5		<5
MW-33	11/16/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-34	4/16/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-34	11/24/2014		<5	<5	<5	<5	<5			<5	<5		<5
MW-34	2/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-34	5/21/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-34	11/16/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-35	4/16/2014		<250	<250	<250	<250	<250			<250	<250		<250
MW-35	11/24/2014		<500	<500	<500	<500	<500			<500	<500		<500
MW-35	2/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-35	5/21/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-35	11/16/2015		<5	<5	<5	<5	<5			<5	<5		<5
MW-36	4/17/2014		<250	<250	<250	<250	<250			<250	<250		<250
MW-36	11/20/2014		<5	<5	<5	<5	33			<5	<5		<5
MW-36	2/18/2015		<5	<5	<5	<5	29			<5	<5		<5
MW-36	5/15/2015		<5	<5	<5	<5	40			<5	<5		<5
MW-36	11/17/2015		<50	<50	<50	<50	55			<50	<50		<50
MW-37	1/6/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-37	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-38	1/6/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-38	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-39	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-39	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-40	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-40	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-41	6/23/2016		<5	<5	<5	<5	24			<5	<5		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
MW-41	1/17/2017		<500	<500	<500	<500	<500			<500	<500		<500
MW-42	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-42	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-43	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-44	6/23/2016		<5	<5	<5	<5	7.9			<5	<5		<5
MW-45	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-45	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-46	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-47	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-48	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-48	1/18/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-49	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-50	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-51	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-51	1/16/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-52	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-52	1/16/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-53	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-54	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-54	1/16/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-54	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-54	1/16/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-55	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-55	1/16/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-56	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-56	1/16/2017		<5	<5	<5	<5	<5			<5	<5		<5
MW-57	10/7/2016		<5	<5	<5	<5	<5			<5	<5		<5
MW-57	1/16/2017		<5	<5	<5	<5	<5			<5	<5		<5
RW-01	1/1/2002		<5		<5	<5	<5						<5
RW-01	6/1/2002		<2		<2	<5	<2						<2
RW-01	9/1/2002					<5	<2						
RW-01	12/1/2002		<5		<5	<5	<5						<5
RW-01	5/1/2003		<5		<5	<5	<5						<5
RW-02	1/1/2002		<5		<5	<5	35						<5
RW-02	6/1/2002		<2		<2	<5	15						10
RW-02	9/1/2002					<5	<200						
RW-02	12/1/2002		<5		<5	<5	6.7						<5
RW-02	5/1/2003		<5		<5	<5	<5						<5
RW-02	11/1/2003		<5		<5	<5	6						<5
RW-02	5/1/2004		<5		<5	<5	<5						<5
RW-02	11/1/2004		<5		<5	<5	<5						<5
RW-02	5/1/2005		<5		<5	<5	<5						<5
RW-02	11/1/2005		<5		<5	<5	15						<5
RW-02	5/1/2006		<5		<5	<5	5.5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
RW-02	11/1/2006		<5		<5	<5	<5						<5
RW-02	5/1/2007		<5		<5	<5	6						<5
RW-02	11/1/2007		<5		<5	<5	8						<5
RW-02	5/1/2008		<5		<5	<5	9.4						<5
RW-02	11/1/2008		<5		<5	<5	<5						<5
RW-02	2/1/2009		<		<	<	<						<
RW-02	5/1/2009		<		<	<	<						<
RW-02	8/1/2009		<		<	<	<						<
RW-02	11/1/2009		<5		<5	<	<						<
RW-02	5/1/2010		<5		<5	<5	13						<5
RW-02	11/1/2010		<100		<100	<100	<100						<100
RW-02	11/11/2011		<500	<500	<500	<500	<500			<500	<500		<500
RW-02	5/8/2012		<5	<5	<5	<5	25			<5	<5		<5
RW-02	11/19/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-02	5/13/2013		<100	<100	<100	<100	<100			<100	<100		<100
RW-02	10/14/2013		<2	<2	<2	<2	20						<2
RW-02	5/23/2014		<500	<500	<500	<500	<500			<500	<500		<500
RW-02	11/25/2014		<5	<5	<5	<5	5.1			<5	<5		<5
RW-02	2/18/2015		<250	<250	<250	<250	<250			<250	<250		<250
RW-02	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-02	11/17/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-03	1/1/2002		<5		<5	<5	<5						<5
RW-03	6/1/2002		<2		<2	<5	<2						<2
RW-03	9/1/2002					<5	<10						
RW-03	12/1/2002		<5		<5	<5	<5						<5
RW-03	5/1/2003		<5		<5	<5	<5						<5
RW-03	11/1/2003		<5		<5	<5	<5						<5
RW-03	5/1/2004		<5		<5	<5	<5						<5
RW-03	11/1/2004		<5		<5	<5	<5						<5
RW-03	5/1/2005		<5		<5	<5	<5						<5
RW-03	11/1/2005		<5		<5	<5	<5						<5
RW-03	5/1/2006		<5		<5	<5	<5						<5
RW-03	11/1/2006		<5		<5	<5	<5						<5
RW-03	5/1/2007		<5		<5		<5						<5
RW-03	11/1/2007		<5		<5	<5	<5						<5
RW-03	5/1/2008		<5		<5	<5	<5						<5
RW-03	11/1/2008		<5		<5	<5	6.6						<5
RW-03	2/1/2009		<5		<5	<5	<5						<5
RW-03	5/1/2009		<5		<5	<5	<5						<5
RW-03	8/1/2009		<5		<5	<5	<5						<5
RW-03	11/1/2009		<5		<5	<5	7.1						<5
RW-03	5/1/2010		<5		<5	<5	<5						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
RW-03	11/1/2010		<5		<5	<5	<5						<5
RW-03	11/11/2011		<5	<5	<5	<5	<5			<5	<5		<5
RW-03	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-03	11/19/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-03	5/13/2013		<5	<5	<5	<5	<5			<5	<5		<5
RW-03	10/14/2013		<2	<2	<2	<2	<2						<2
RW-03	5/23/2014		<5	<5	<5	<5	<5			<5	<5		<5
RW-03	11/17/2014		<5	<5	<5	<5	<5			<5	<5		<5
RW-03	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-03	11/17/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-04	1/1/2002		<5		<5	<5	<5						<5
RW-04	6/1/2002		<2		<2	<5	<2						<2
RW-04	9/1/2002					<5							
RW-04	12/1/2002		<5		<5	<5	<5						<5
RW-04	5/1/2003		<5		<5	<5	<5						<5
RW-04	11/1/2003		<5		<5	<5	<5						<5
RW-04	5/1/2004		<5		<5	<5	<5						<5
RW-04	11/1/2004		<5		<5	<5	<5						<5
RW-04	5/1/2005		<5		<5	<5	<5						<5
RW-04	11/1/2005		<5		<5	<5	<5						<5
RW-04	5/1/2006		<5		<5	<5	<5						<5
RW-04	11/1/2006		<5		<5	<5	<5						<5
RW-04	5/1/2007		<5		<5	<5	<5						<5
RW-04	11/1/2007		<5		<5	<5	<5						<5
RW-04	5/1/2008		<5		<5	<5	<5						<5
RW-04	11/1/2008		<5		<5	<5	<5						<5
RW-04	2/1/2009		<		<5	<	<						<
RW-04	5/1/2009		<		<5	<	<						<
RW-04	8/1/2009		<		<5	<	<						<
RW-04	11/1/2009		<5		<5	<	<						<
RW-04	5/1/2010		<5		<5	<5	<5						<5
RW-04	11/1/2010		<5		<5	<5	<5						<5
RW-04	11/9/2011		<5	<5	<5	<5	<5			<5	<5		<5
RW-04	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-04	11/19/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-04	5/13/2013		<5	<5	<5	<5	<5			<5	<5		<5
RW-04	10/14/2013		<2	<2	<2	<2	<2						<2
RW-04	5/23/2014		<5	<5	<5	<5	<5			<5	<5		<5
RW-04	11/17/2014		<5	<5	<5	<5	<5			<5	<5		<5
RW-04	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-05	1/1/2002		<5		<5	<5	<5						<5
RW-05	6/1/2002		<2		<2	<5	<2						<2

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
RW-05	9/1/2002												
RW-05	12/1/2002		<5		<5	<5	<5						<5
RW-06	5/1/2004		<5		<5	<5	<5						<5
RW-06	11/1/2004		<5		<5	<5	<5						<5
RW-06	5/1/2005		<5		<5	<5	<5						<5
RW-06	11/1/2005		<5		<5	<5	<5						<5
RW-06	5/1/2006		<5		<5	<5	<5						<5
RW-06	11/1/2006		<5		<5	<5	<5						<5
RW-06	5/1/2007		<5		<5	<5	<5						<5
RW-06	11/1/2007		<5		<5	<5	<5						<5
RW-06	5/1/2008		<5		<5	<5	<5						<5
RW-06	11/1/2008		<5		<5	<5	5.7						<5
RW-06	2/1/2009		<5		<5	<5	<5						<5
RW-06	5/1/2009		<5		<5	<5	<5						<5
RW-06	8/1/2009		<5		<5	<5	<5						<5
RW-06	11/1/2009		<5		<5	<5	<5						<5
RW-06	5/1/2010		<5		<5	<5	<5						<5
RW-06	11/1/2010		<5		<5	<5	<5						<5
RW-06	11/11/2011		<5	<5	<5	<5	<5			<5	<5		<5
RW-06	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-06	11/19/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-06	5/13/2013		<5	<5	<5	<5	<5			<5	<5		<5
RW-06	10/14/2013		<2	<2	<2	<2	<2						<2
RW-06	5/23/2014		<5	<5	<5	<5	<5			<5	<5		<5
RW-06	11/17/2014		<5	<5	<5	<5	<5			<5	<5		<5
RW-06	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-06	11/17/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-07	5/1/2004		<5		119	<5	<5						<5
RW-07	11/1/2004		<5		<5	<5	<5						<5
RW-07	5/1/2005		<5		<5	<5	<5						<5
RW-07	11/1/2005												
RW-07	5/1/2006		<5		<5	<5	<5						<5
RW-07	11/1/2006		<5		<5	<5	<5						<5
RW-07	5/1/2007		<5		<5	<5	<5						<5
RW-07	11/1/2007		<5		<5	<5	<5						<5
RW-07	5/1/2008		<5		<5	<5	<5						<5
RW-07	11/1/2008		<5		<5	<5	<5						<5
RW-07	2/1/2009		<		<	<	<						<
RW-07	5/1/2009		<		<	<	<						<
RW-07	8/1/2009		<		<	<	<						<
RW-07	11/1/2009		<5		<5	<	<						<
RW-07	5/1/2010		<5		<5	<5	11						<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,1,1,2-Tetrachloroethane (µg/L)	1,1,1-Trichloroethane (µg/L)	1,1,2,2-Tetrachloroethane (µg/L)	1,1,2-Trichloroethane (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2,3-Trichloropropane (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	1,2-Dichloro-benzene (µg/L)	1,2-Dichloroethane (µg/L)
RW-07	11/1/2010		<5		<5	<5	<5						<5
RW-07	11/11/2011		<5	<5	<5	<5	<5			<5	<5		<5
RW-07	5/8/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-07	11/19/2012		<5	<5	<5	<5	<5			<5	<5		<5
RW-07	5/13/2013		<5	<5	<5	<5	<5			<5	<5		<5
RW-07	10/14/2013		<2	<2	<2	<2	<2						<2
RW-07	5/23/2014		<5	<5	<5	<5	<5			<5	<5		<5
RW-07	5/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-07	11/17/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-07	1/18/2017		<5	<5	<5	<5	<5			<5	<5		<5
RW-08	10/7/2013		<5	<5	<5	<5	<5			<5	<5		<5
RW-08	2/19/2014		<5	<5	<5	<5	<5			<5	<5		<5
RW-08	11/17/2014		<5	<5	<5	<5	13			<5	<5		<5
RW-08	2/18/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-08	5/20/2015		<5	<5	<5	<5	<5			<5	<5		<5
RW-08	11/17/2015		<5	<5	<5	<5	<5			<5	<5		<5
TW-01	3/3/2016		<5	<5	<5	<5	<5			<5	<5		<5
TW-01	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
TW-01	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
TW-02	3/3/2016		<5	<5	<5	<5	<5			<5	<5		<5
TW-02	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
TW-02	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5
TW-03	3/3/2016		<5	<5	<5	<5	<5			<5	<5		<5
TW-03	6/23/2016		<5	<5	<5	<5	<5			<5	<5		<5
TW-03	1/17/2017		<5	<5	<5	<5	<5			<5	<5		<5

< Not detected, detection limit not available

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
DPE-109	2/26/2014	<250				<2500		<500		<500		<2500						<250	<250
DPE-109	4/25/2014	<5				<50		<10		10		<50						52	<5
DPE-109	2/18/2015	<5				<50		<10		<10		<50						<5	<5
DPE-118	2/26/2014	<5				<50		<10		<10		<50						18	<5
DPE-118	4/25/2014	<250				<2500		<500		<500		<2500						<250	<250
DPE-118	2/18/2015	<5				<50		<10		<10		<50						<5	<5
DPE-305	2/26/2014	<250				<2500		<500		<500		<2500						3500	<250
DPE-305	4/25/2014	<250				<2500		<500		590		<2500						3100	<250
DPE-305	2/18/2015	<2500				<25000		<5000		<5000		<25000						<2500	<2500
DPE-307	2/26/2014	<250				<2500		<500		<500		<2500						3200	<250
DPE-307	4/25/2014	<250				<2500		<500		<500		<2500						2700	<250
DPE-307	2/19/2015	<25000				<250000		<50000		<50000		<250000						<25000	<25000
DPE-307	1/18/2017	<5				<50		<10		<10		<50						140	<5
DPE-313	2/26/2014	<5				110		33		16		<50						610	<5
DPE-313	4/25/2014	<5				<50		18		59		<50						360	<5
DPE-313	2/19/2015	<5				<50		43		48		<50						110	<5
DPE-408	2/26/2014	<250				<2500		<500		<500		<2500						3300	<250
DPE-408	4/25/2014	<250				<2500		<500		<500		<2500						3200	<250
DPE-408	2/18/2015	<5				<50		24		21		<50						190	<5
SP-1	1/5/2017	<5	10	<5		<50		<10		<10		<50						<5	<5
MW-02	1/1/2002					<100				<50		<50						3960	
MW-02	6/1/2002					<100				<10		<50						4400	
MW-02	9/1/2002											<50						3400	
MW-02	12/1/2002					<100				<50		<50						1950	
MW-02	5/1/2003					<100				<50		<50						<5	
MW-02	8/1/2003					<100				<50		<50						<5	
MW-02	11/1/2003					<100				<50		<50						<5	
MW-02	5/1/2004					<100				<50		<50						<5	
MW-02	11/1/2004					<100				<50		<50						3300	
MW-02	5/1/2005					<100				<50		<50						2980	
MW-02	11/1/2005					<50				<50		<50						3300	
MW-02	5/1/2006					<50				<10		<50						2200	
MW-02	11/1/2006					<50				<50		<50						2150	
MW-02	5/1/2007					<50				16		<50						1900	
MW-02	11/1/2007					<50				<10		<50						3700	
MW-02	5/1/2008					<50				<10		<50						4700	
MW-02	5/1/2009					<50				13		<50						740	
MW-02	8/1/2009					51				<		<50						1600	
MW-02	11/1/2009					250				14		<50						1000	
MW-02	5/1/2010					<50				93		280						2000	
MW-02	11/1/2010					<50				52		<50						2700	
MW-02	5/24/2011	<5				<50		<10		<10		<50						2400	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-02	5/27/2011	<5			<150	<50		<10	<10	<10	<500	<50	<100	<20	<5	<10	<20	2800	<5
MW-02	11/10/2011	<5				<50		<10		<10		<50						2400	<5
MW-02	5/16/2012	<5			<150	<50		<10	<10	<10	<500	<50	<100	<20	<5	<10	<20	2100	<5
MW-02	11/14/2012	<5				<50		<10		<10		<50						2400	<5
MW-02	5/16/2013	<5			<150	<50		<10	<10	<10	<500	<50	<100	<20	<5	<10	<20	2400	<5
MW-02	10/7/2013	<5				<50		<10		<10		<50						3100	<5
MW-02	5/30/2014	<5			<150	<50		<10	<10	<10	<500	<50	<100	<20	<5	<10	<20	3700	<5
MW-02	11/24/2014	<5				<50		<10		<10		<50						2800	<5
MW-02	5/20/2015	<5				<50		<10		<10		<50						280	<5
MW-02	11/13/2015	<5				<50		<10		<10		<50						<5	<5
MW-02	1/18/2017	<5				<50		<10		<10		<50						11	<5
MW-03	1/1/2002					<100				<50		<50						343	
MW-03	6/1/2002					<100				<10		<50						290	
MW-03	9/1/2002											<50						510	
MW-03	12/1/2002					<100				<50		<50						72	
MW-03	5/1/2003					<100				<50		<50						<5	
MW-03	11/1/2003					<100				<50		<50						<5	
MW-03	5/1/2004					<100				<50		<50						433	
MW-03	11/1/2004					<100				<50		<50						1100	
MW-03	5/1/2005					<100				<50		<50						1120	
MW-03	11/1/2005					<50				<50		<50						1100	
MW-03	5/1/2006					<50				<10		<50						180	
MW-03	11/1/2006					<50				<50		<50						162	
MW-03	5/1/2007					92				<10		<50						42	
MW-03	11/1/2007					<50				<10		<50						65	
MW-03	5/1/2008					<50				<10		<50						11	
MW-03	11/1/2008					<50				<10		<50						310	
MW-03	2/1/2009					<50				<10		<50						220	
MW-03	5/1/2009					<50				<10		<50						100	
MW-03	8/1/2009					<50				<10		<50						320	
MW-03	11/1/2009					<5				<5		<50						8.9	
MW-03	5/1/2010					<50				<10		<5						11	
MW-03	11/1/2010					<50				<10		<50						<5	
MW-03	5/24/2011	<5				<50		<10		<10		<50						<5	<5
MW-03	11/9/2011	<5				<50		<10		<10		<50						13	<5
MW-03	5/15/2012	<5				<50		<10		<10		<50						10	<5
MW-03	11/14/2012	<5				<50		<10		<10		<50						5.3	<5
MW-03	5/16/2013	<5				<50		<10		<10		<50						<5	<5
MW-03	10/8/2013	<5				<50		<10		<10		<50						8.7	<5
MW-03	5/28/2014	<5				<50		<10		<10		<50						<5	<5
MW-03	11/24/2014	<5				<50		<10		<10		<50						13	<5
MW-03	5/20/2015	<5				<50		<10		<10		<50						<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-03	11/13/2015	<5				<50		<10		<10		<50						<5	<5
MW-04	1/1/2002					<100				<50		<50						7	
MW-04	6/1/2002					<100				<10		<50						6	
MW-04	9/1/2002											<50						64	
MW-04	12/1/2002					<100				<50		<50						15.9	
MW-04	5/1/2003					<100				<50		<50						<5	
MW-04	11/1/2003					<100				<50		<50						<5	
MW-04	5/1/2004					<100				<50		<50						90	
MW-04	11/1/2004					<100				<50		<50						<5	
MW-04	5/1/2005					<100				<50		<50						133	
MW-04	11/1/2005					<50				<50		<50						51	
MW-04	5/1/2006					<50				<10		<50						86	
MW-04	11/1/2006					<50				<50		<50						89	
MW-04	5/1/2007					<50				<10		<50						16	
MW-04	11/1/2007					<50				<10		<50						78	
MW-04	5/1/2008					<50				<10		<50						71	
MW-04	11/1/2008					<50				26		<50						150	
MW-04	8/1/2009					<5				<		<50						38	
MW-04	11/1/2009					<5				<5		<50						150	
MW-04	5/1/2010					<50				<10		<5						59	
MW-04	11/1/2010					<50				<10		<50						<5	
MW-04	5/25/2011	<5				<50		<10		<10		<50						<5	<5
MW-04	11/11/2011	<5				<50		<10		<10		<50						6.5	<5
MW-04	5/15/2012	<5				<50		<10		<10		<50						<5	<5
MW-04	11/12/2012	<5				<50		<10		<10		<50						21	<5
MW-04	5/16/2013	<5				<50		<10		<10		<50						5.9	<5
MW-04	10/8/2013	<5				<50		<10		<10		<50						<5	<5
MW-04	5/29/2014	<5				<50		<10		<10		<50						<5	<5
MW-04	11/24/2014	<5				<50		<10		<10		<50						<5	<5
MW-04	11/13/2015	<5				<50		<10		<10		<50						<5	<5
MW-05	1/1/2002					<100				<50		<50						67	
MW-05	9/1/2002											<50						<500	
MW-05	12/1/2002					<100				<50		<50						<5	
MW-05	5/1/2003					<100				<50		<50						<5	
MW-05	8/1/2003					<100				<50		<50						<5	
MW-05	11/1/2003					<100				<50		<50						<5	
MW-05	5/1/2004					<100				<50		<50						<5	
MW-05	11/1/2004					<100				<50		<50						105	
MW-05	5/1/2005					<100				<50		<50						120	
MW-05	11/1/2005					<50				<50		<50						35	
MW-05	5/1/2006					<50				<10		<50						57	
MW-05	11/1/2006					<50				<50		<50						17	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-05	5/1/2007					<50				16		<50						110	
MW-05	11/1/2007					<50				<10		<50						29	
MW-05	5/1/2008					<50				<10		<50						10	
MW-05	11/1/2008					<25000				<5000		<50						<2500	
MW-05	2/1/2009					<5				<5		<50						<5	
MW-05	5/1/2009					<5				<5		<50						<5	
MW-05	8/1/2009					<5				<5		<50						<5	
MW-05	11/1/2009					<5				<5		<50						<5	
MW-05	5/1/2010					<50				<10		3800						6.2	
MW-05	11/1/2010					<50				<10		110						5.6	
MW-05	5/25/2011	<5				<50		<10		<10		<50						7.2	<5
MW-05	5/27/2011	<5			<150	<50		<10	<10	<10	<500	<50	<100	<20	<5	<10	<20	8	<5
MW-05	11/11/2011	<500				<5000		<1000		<1000		<5000						<500	<500
MW-05	5/15/2012	<5				<50		<10		<10		<50						11	<5
MW-05	11/15/2012	<500				<5000		<1000		<1000		<5000						<500	<500
MW-05	5/16/2013	<2500				<25000		<5000		<5000		<25000						<2500	<2500
MW-05	5/28/2014	<5				<50		<10		<10		<50						<5	<5
MW-05R	4/16/2014	<5				<50		<10		<10		<50						<5	<5
MW-05R	11/24/2014	<5				<50		<10		<10		<50						<5	<5
MW-05R	5/20/2015	<5				<50		<10		<10		<50						<5	<5
MW-05R	11/13/2015	<5				<50		<10		<10		<50						<5	<5
MW-06	1/1/2002					<100				<50		<50						<5	
MW-06	6/1/2002					<100				<10		<50						<2	
MW-06	9/1/2002											<50							
MW-06	12/1/2002					<100				<50		<50						<5	
MW-06	5/1/2003					<100				<50		<50						<5	
MW-06	11/1/2003					<100				<50		<50						<5	
MW-06	5/1/2004					<100				<50		<50						<5	
MW-06	11/1/2004					<100				<50		<50						<5	
MW-06	5/1/2005					<100				<50		<50						<5	
MW-06	11/1/2005					<50				<50		<50						<5	
MW-06	5/1/2006					<50				<10		<50						<5	
MW-06	11/1/2006					<50				<50		<50						<5	
MW-06	5/1/2007					<50				<10		<50						<5	
MW-06	11/1/2007					<50				<10		<50						<5	
MW-06	5/1/2008					<50				<10		<50						<5	
MW-06	11/1/2008					<50				<10		<50						<5	
MW-06	5/1/2009					<50				<10		<50						<5	
MW-06	8/1/2009					<50				<10		<50						<5	
MW-06	11/1/2009					<5				<5		<50						<5	
MW-06	5/1/2010					<50				<10		<5						<5	
MW-06	11/1/2010					<50				<10		<50						<5	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-06	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-06	11/8/2011	<5				<50		<10		<10		<50						<5	<5
MW-06	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-06	11/16/2012	<5				<50		<10		<10		<50						<5	<5
MW-06	5/14/2013	<5				<50		<10		<10		<50						<5	<5
MW-06	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-06	5/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-06	11/18/2014	<5				<50		<10		<10		<50						<5	<5
MW-06	5/15/2015	<5				<50		<10		<10		<50						<5	<5
MW-06	11/11/2015	<5				<50		<10		<10		<50						<5	<5
MW-07	1/1/2002					<100				<50		<50						<5	
MW-07	6/1/2002					<100				<10		<50						<2	
MW-07	9/1/2002											<50						<100	
MW-07	12/1/2002					<100				<50		<50						<5	
MW-07	5/1/2003					<100				<50		<50						1360	
MW-07	8/1/2003					<100				<50		<50						1590	
MW-07	11/1/2003					<100				<50		<50						<5	
MW-07	5/1/2004					<100				<50		<50						<5	
MW-07	11/1/2004					<100				<50		<50						<5	
MW-07	5/1/2005					<100				<50		<50						37	
MW-07	11/1/2005					<50				<50		<50						5	
MW-07	5/1/2006					<50				<10		<50						10	
MW-07	11/1/2006					<50				<50		<50						<5	
MW-07	5/1/2007					<50				16		<50						6	
MW-07	11/1/2007					<50				<10		<50						7	
MW-07	5/1/2008					<50				<10		<50						10	
MW-07	11/1/2008					<50000				<10000		<50						<5000	
MW-07	2/1/2009					<50				<5		<50						<5	
MW-07	5/1/2009					<50				<5		<50						<5	
MW-07	8/1/2009					<50				<5		<50						<5	
MW-07	11/1/2009					<50				<5		<50						<5	
MW-07	5/1/2010					<50				<10		2500						<5	
MW-07	11/1/2010					<2500				<5000		<25000						<2500	
MW-07	5/24/2011	<2500				<25000		<5000		<5000		<25000						<2500	<2500
MW-07	5/27/2011	<5			<150	<50		<10	<10	<10	<500	<50	<100	<20	<5	<10	<20	<5	<5
MW-07	11/9/2011	<2500				<25000		<5000		<5000		<25000						<2500	<2500
MW-07	5/16/2012	<5				<50		<10		<10		<50						<5	<5
MW-07	11/15/2012	<250				<2500		<500		<500		<2500						<250	<250
MW-07	5/14/2013	<5				<50		<10		<10		<50						<5	<5
MW-07	10/8/2013	<5				<50		<10		<10		<50						<5	<5
MW-07	2/19/2014	<2500				<25000		<5000		<5000		<25000						<2500	<2500
MW-07	5/29/2014	<5				<50		<10		56		<50						<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-07	11/25/2014	<500				<5000		<1000		<1000		<5000						<500	<500
MW-07	2/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-07	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-07	11/17/2015	<5				340		<10		<10		<50						<5	<5
MW-07	1/19/2017	<5				<50		<10		<10		<50						<5	<5
MW-08	1/1/2002					<100				<50		<50						111	
MW-08	6/1/2002					<100				<10		<50						<20	
MW-08	9/1/2002											<50						<2	
MW-08	12/1/2002					<100				<50		<50						6.29	
MW-08	5/1/2003					<100				<50		<50						<5	
MW-08	11/1/2003					<100				<50		<50						<5	
MW-08	5/1/2004					<100				<50		<50						33	
MW-08	11/1/2004					<100				<50		<50						<5	
MW-08	5/1/2005					<100				<50		<50						11	
MW-08	11/1/2005					<50				<50		<50						5	
MW-08	5/1/2006					<50				<10		<50						11	
MW-08	11/1/2006					<50				<50		<50						<5	
MW-08	5/1/2007					<50				<10		<50						<5	
MW-08	11/1/2007					<50				<10		<50						10	
MW-08	5/1/2008					<50				<10		<50						35	
MW-08	11/1/2008					<50				<10		<50						<5	
MW-08	2/1/2009					<50				<10		<50						<5	
MW-08	5/1/2009					<50				<10		<50						<5	
MW-08	8/1/2009					<50				<10		<50						<5	
MW-08	11/1/2009					<50				<5		<50						<5	
MW-08	5/1/2010					<50				<10		<5						<5	
MW-08	11/1/2010					<50				<10		<50						15	
MW-08	5/24/2011	<5				<50		<10		31		<50						330	<5
MW-08	11/9/2011	<5				<50		<10		<10		<50						46	<5
MW-08	5/16/2012	<5				<50		<10		<10		<50						<5	<5
MW-08	11/15/2012	<5				<50		<10		<10		<50						<5	<5
MW-08	5/14/2013	<5				<50		<10		<10		<50						<5	<5
MW-08	10/8/2013	<5				<50		<10		<10		<50						14	<5
MW-08	2/19/2014	<5				<50		<10		<10		<50						13	<5
MW-08	5/30/2014	<5				<50		<10		<10		<50						<5	<5
MW-08	11/25/2014	<5				<50		<10		<10		<50						<5	<5
MW-08	2/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-08	5/21/2015	<5				<50		<10		<10		<50						<5	<5
MW-08	11/16/2015	<5				<50		<10		<10		<50						<5	<5
MW-09	1/1/2002					<100				<50		<50						<5	
MW-09	6/1/2002					<100				<10		<50						<2	
MW-09	9/1/2002											<50						<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-09	12/1/2002					<100				<50		<50						<5	
MW-09	5/1/2003					<100				<50		<50						<5	
MW-09	11/1/2003					<100				<50		<50						<5	
MW-09	5/1/2004					<100				<50		<50						<5	
MW-09	11/1/2004					<100				<50		<50						<5	
MW-09	5/1/2005					<100				<50		<50						<5	
MW-09	11/1/2005					<50				<50		<50						10	
MW-09	5/1/2006					<50				<10		<50						<5	
MW-09	11/1/2006					<50				<50		<50						<5	
MW-09	5/1/2007					<50				<10		<50						5	
MW-09	11/1/2007					<50				<10		<50						<5	
MW-09	5/1/2008					<50				<10		<50						<5	
MW-09	11/1/2008					<50				<10		<50						17	
MW-09	2/1/2009					<50				<10		<50						30	
MW-09	5/1/2009					<50				<10		<50						66	
MW-09	8/1/2009					<50				<10		<50						140	
MW-09	11/1/2009					<50				<5		<50						67	
MW-09	5/1/2010					<50				<10		<5						21	
MW-09	11/1/2010					<50				<10		<50						14	
MW-09	5/24/2011	<5				<50		<10		<10		<50						<5	<5
MW-09	11/11/2011	<5				<50		<10		<10		<50						<5	<5
MW-09	5/14/2012	<5				<50		<10		<10		<50						<5	<5
MW-09	11/14/2012	<5				<50		<10		<10		<50						<5	<5
MW-09	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-09	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-09	5/27/2014	<5				<50		<10		<10		<50						<5	<5
MW-09	11/21/2014	<5				<50		<10		<10		<50						<5	<5
MW-09	5/20/2015	<5				<50		<10		<10		<50						<5	<5
MW-09	11/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-10	1/1/2002					<100				<50		<50						<5	
MW-10	6/1/2002					<100				<10		<50						<2	
MW-10	9/1/2002											<50						<2	
MW-10	12/1/2002					<100				<50		<50						<5	
MW-10	5/1/2003					<100				<50		<50						<5	
MW-10	11/1/2003					<100				<50		<50						<5	
MW-10	5/1/2004					<100				<50		<50						<5	
MW-10	11/1/2004					<100				<50		<50						<5	
MW-10	5/1/2005					<100				<50		<50						<5	
MW-10	11/1/2005					<50				<50		<50						5	
MW-10	5/1/2006					<50				<10		<50						<5	
MW-10	11/1/2006					<50				<50		<50						<5	
MW-10	5/1/2007					<50				<10		<50						<5	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-10	11/1/2007					<50				<10		<50						<5	
MW-10	5/1/2008					<50				<10		<50						<5	
MW-10	11/1/2008					<50				<10		<50						140	
MW-10	2/1/2009					<50				<10		<50						190	
MW-10	5/1/2009					<50				<10		<50						490	
MW-10	8/1/2009					<50				<10		<50						63	
MW-10	11/1/2009					<5				<5		<50						21	
MW-10	5/1/2010					<50				<10		<5						8.2	
MW-10	11/1/2010					<50				<10		<50						<5	
MW-10	5/24/2011	<5				<50		<10		<10		<50						<5	<5
MW-10	11/11/2011	<5				<50		<10		<10		<50						<5	<5
MW-10	5/15/2012	<5				<50		<10		<10		<50						<5	<5
MW-10	11/14/2012	<5				<50		<10		<10		<50						<5	<5
MW-10	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-10	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-10	5/27/2014	<5				<50		<10		<10		<50						<5	<5
MW-10	11/21/2014	<5				<50		<10		<10		<50						<5	<5
MW-10	5/20/2015	<5				<50		<10		<10		<50						<5	<5
MW-10	11/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-11	1/1/2002					<100				<50		<50						<5	
MW-11	6/1/2002					<100				<10		<50						<2	
MW-11	9/1/2002											<50							
MW-11	12/1/2002					<100				<50		<50						<5	
MW-11	5/1/2003					<100				<50		<50						<5	
MW-11	11/1/2003					<100				<50		<50						<5	
MW-11	5/1/2004					<100				<50		<50						<5	
MW-11	11/1/2004					<100				<50		<50						<5	
MW-11	5/1/2005					<100				<50		<50						<5	
MW-11	11/1/2005					<50				<50		<50						<5	
MW-11	5/1/2006					<50				<10		<50						<5	
MW-11	11/1/2006					<50				<50		<50						<5	
MW-11	5/1/2007					<50				<10		<50						<5	
MW-11	11/1/2007					<50				<10		<50						<5	
MW-11	5/1/2008					<50				<10		<50						<5	
MW-11	11/1/2008					<50				<10		<50						<5	
MW-11	2/1/2009					<50				<10		<50						<5	
MW-11	5/1/2009					<50				<10		<50						<5	
MW-11	8/1/2009					<50				<10		<50						<5	
MW-11	11/1/2009					<50				<5		<50						<5	
MW-11	5/1/2010					<50				<10		<5						<5	
MW-11	11/1/2010					<50				<10		<50						<5	
MW-11	5/23/2011	<5				<50		<10		<10		<50						<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-11	11/9/2011	<5				<50		<10		<10		<50						<5	<5
MW-11	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-11	11/13/2012	<5				<50		<10		<10		<50						<5	<5
MW-11	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-11	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-11	5/28/2014	<5				<50		<10		<10		<50						<5	<5
MW-11	11/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-11	5/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-11	11/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-11	1/17/2017	<5				<50		<10		<10		<50						<5	<5
MW-12	1/1/2002					<100				<50		<50						<5	
MW-12	6/1/2002					<100				<10		<50						<2	
MW-12	12/1/2002					<100				<50		<50						<5	
MW-12	5/1/2003					<100				<50		<50						<5	
MW-12	11/1/2003					<100				<50		<50						<5	
MW-12	5/1/2004					<100				<50		<50						<5	
MW-12	11/1/2004					<100				<50		<50						<5	
MW-12	5/1/2005					<100				<50		<50						<5	
MW-12	11/1/2005					<50				<50		<50						<5	
MW-12	5/1/2006					<50				<10		<50						<5	
MW-12	11/1/2006					<50				<50		<50						<5	
MW-12	5/1/2007					<50				<10		<50						<5	
MW-12	11/1/2007					<50				<10		<50						<5	
MW-12	5/1/2008					<50				<10		<50						<5	
MW-12	11/1/2008					<50				<10		<50						<5	
MW-12	2/1/2009					<50				<10		<50						<5	
MW-12	5/1/2009					<50				<10		<50						<5	
MW-12	8/1/2009					<50				<10		<50						<5	
MW-12	11/1/2009					<5				<5		<50						<5	
MW-12	5/1/2010					<50				<10		<5						<5	
MW-12	10/1/2010					<50				<10		<50						<5	
MW-12	11/1/2010					<50				<10		<50						<5	
MW-12	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-12	11/9/2011	<5				<50		<10		<10		<50						<5	<5
MW-12	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-12	11/13/2012	<5				<50		<10		<10		<50						<5	<5
MW-12	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-12	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-12	5/27/2014	<5				<50		<10		<10		<50						<5	<5
MW-12	11/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-12	5/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-12	11/19/2015	<5				<50		<10		<10		<50						<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-13	1/1/2002					<100				<50		<50						<5	
MW-13	6/1/2002					<100				<10		<50						<2	
MW-13	9/1/2002											<50							
MW-13	12/1/2002					<100				<50		<50						<5	
MW-13	5/1/2003					<100				<50		<50						<5	
MW-13	11/1/2003					<100				<50		<50						<5	
MW-13	5/1/2004					<100				<50		<50						<5	
MW-13	11/1/2004					<100				<50		<50						<5	
MW-13	5/1/2005					<100				<50		<50						<5	
MW-13	11/1/2005					<50				<50		<50						<5	
MW-13	5/1/2006					<50				<10		<50						<5	
MW-13	11/1/2006					<50				<50		<50						<5	
MW-13	5/1/2007					<50				<10		<50						<5	
MW-13	11/1/2007					<50				<10		<50						<5	
MW-13	5/1/2008					<50				<10		<50						<5	
MW-13	11/1/2008					<50				<10		<50						<5	
MW-13	11/1/2009					<5				<5		<50						<5	
MW-13	5/1/2010					<50				<10		<5						<5	
MW-13	11/1/2010					<50				<10		<50						<5	
MW-13	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-13	11/10/2011	<5				<50		<10		<10		<50						<5	<5
MW-13	5/10/2012	<5				<50		<10		<10		<50						<5	<5
MW-13	11/13/2012	<5				<50		<10		<10		<50						<5	<5
MW-13	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-13	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-13	5/21/2014	<5				<50		<10		<10		<50						<5	<5
MW-13	11/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-13	5/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-13	11/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-14	1/1/2002					<100				<50		<50						<5	
MW-14	6/1/2002					<100				<10		<50						<2	
MW-14	12/1/2002					<100				<50		<50						<5	
MW-14	5/1/2003					<100				<50		<50						<5	
MW-14	11/1/2003					<100				<50		<50						<5	
MW-14	5/1/2004					<100				<50		<50						<5	
MW-14	11/1/2004					<100				<50		<50						<5	
MW-14	5/1/2005					<100				<50		<50						<5	
MW-14	11/1/2005					<50				<50		<50						<5	
MW-14	5/1/2006					<50				<10		<50						<5	
MW-14	11/1/2006					<50				<50		<50						<5	
MW-14	5/1/2007					<50				<10		<50						<5	
MW-14	11/1/2007					<50				<10		<50						<5	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-14	5/1/2008					<50				<10		<50						<5	
MW-14	11/1/2008					<50				<10		<50						<5	
MW-14	2/1/2009					<50				<10		<50						<5	
MW-14	5/1/2009					<50				<10		<50						<5	
MW-14	8/1/2009					<50				<10		<50						<5	
MW-14	11/1/2009					<5				<5		<50						<5	
MW-14	5/1/2010					<50				<10		<5						<5	
MW-14	10/1/2010					<50				<10		<50						<5	
MW-14	11/1/2010					<50				<10		<50						<5	
MW-14	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-14	11/10/2011	<5				<50		<10		<10		<50						<5	<5
MW-14	5/10/2012	<5				<50		<10		<10		<50						<5	<5
MW-14	11/13/2012	<5				<50		<10		<10		<50						<5	<5
MW-14	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-14	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-14	5/21/2014	<5				<50		<10		<10		<50						<5	<5
MW-14	11/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-14	5/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-14	11/17/2015	<5				<50		<10		<10		<50						<5	<5
MW-15	1/1/2002					<100				<50		<50						<5	
MW-15	6/1/2002					<100				<10		<50						<2	
MW-15	9/1/2002											<50							
MW-15	12/1/2002					<100				<50		<50						<5	
MW-15	5/1/2003					<100				<50		<50						<5	
MW-15	11/1/2003					<100				<50		<50						<5	
MW-15	5/1/2004					<100				<50		<50						<5	
MW-15	11/1/2004					<100				<50		<50						<5	
MW-15	5/1/2005					<100				<50		<50						<5	
MW-15	11/1/2005					<50				<50		<50						<5	
MW-15	5/1/2006					<50				<10		<50						<5	
MW-15	11/1/2006					<50				<50		<50						<5	
MW-15	5/1/2007					<50				<10		<50						<5	
MW-15	11/1/2007					<50				<10		<50						<5	
MW-15	5/1/2008					<50				<10		<50						<5	
MW-15	11/1/2008					<50				<10		<50						<5	
MW-15	2/1/2009					<50				<10		<50						<5	
MW-15	5/1/2009					<50				<10		<50						<5	
MW-15	8/1/2009					<50				<10		<50						<5	
MW-15	11/1/2009					<50				<5		<50						<5	
MW-15	5/1/2010					<50				<10		<5						<5	
MW-15	10/1/2010					<50				<10		<50						<5	
MW-15	11/1/2010					<50				<10		<50						<5	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-15	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-15	11/9/2011	<5				<50		<10		<10		<50						<5	<5
MW-15	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-15	11/13/2012	<5				<50		<10		<10		<50						<5	<5
MW-15	5/13/2013	<5				<50		<10		<10		<50						<5	<5
MW-15	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-15	5/21/2014	<5				<50		<10		<10		<50						<5	<5
MW-15	11/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-15	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-15	11/12/2015	<5				<50		<10		<10		<50						<5	<5
MW-16	1/1/2002					<100				<50		<50						<5	
MW-16	6/1/2002					<100				<10		<50						<2	
MW-16	9/1/2002											<50							
MW-16	12/1/2002					<100				<50		<50						<5	
MW-16	5/1/2003					<100				<50		<50						<5	
MW-16	11/1/2003					<100				<50		<50						<5	
MW-16	5/1/2004					<100				<50		<50						<5	
MW-16	11/1/2004					<100				<50		<50						<5	
MW-16	5/1/2005					<100				<50		<50						<5	
MW-16	11/1/2005					<50				<50		<50						<5	
MW-16	5/1/2006					<50				<10		<50						<5	
MW-16	11/1/2006					<50				<50		<50						<5	
MW-16	5/1/2007					<50				<10		<50						<5	
MW-16	11/1/2007					<50				<10		<50						<5	
MW-16	5/1/2008					<100				<50		<50						<5	
MW-16	11/1/2008					<50				<10		<50						<5	
MW-16	2/1/2009					<50				<10		<50						<5	
MW-16	5/1/2009					<50				<10		<50						<5	
MW-16	8/1/2009					<50				<10		<50						<5	
MW-16	11/1/2009					<5				<10		<50						<5	
MW-16	5/1/2010					<50				<10		<5						<5	
MW-16	11/1/2010					<50				<10		<50						<5	
MW-16	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-16	11/9/2011	<5				<50		<10		<10		<50						<5	<5
MW-16	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-16	11/13/2012	<5				<50		<10		<10		<50						<5	<5
MW-16	5/13/2013	<5				<50		<10		<10		<50						<5	<5
MW-16	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-16	5/21/2014	<5				<50		<10		<10		<50						<5	<5
MW-16	11/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-16	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-16	11/12/2015	<5				<50		<10		<10		<50						<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-17	1/1/2002					<100				<50		<50						1870	
MW-17	6/1/2002					<100				<10		<50						94	
MW-17	9/1/2002											<50						55	
MW-17	12/1/2002					<100				<50		<50						32.1	
MW-17	5/1/2003					<100				<50		<50						<5	
MW-17	11/1/2003					<100				<50		<50						<5	
MW-17	5/1/2004					<100				<50		<50						85	
MW-17	11/1/2004					<100				<50		<50						21	
MW-17	5/1/2005					<100				<50		<50						31	
MW-17	11/1/2005					<50				<50		<50						110	
MW-17	5/1/2006					<50				<10		<50						59	
MW-17	11/1/2006					<50				<50		<50						380	
MW-17	5/1/2007					<50				<10		<50						127	
MW-17	11/1/2007					<50				<10		<50						89	
MW-17	5/1/2008					<50				11		<50						590	
MW-17	11/1/2008					<50				<10		<50						400	
MW-17	2/1/2009					<50				<5		<50						280	
MW-17	5/1/2009					<50				<5		<50						30	
MW-17	8/1/2009					<50				<5		<50						130	
MW-17	11/1/2009					<5				<5		<50						420	
MW-17	5/1/2010					<50				<10		<5						150	
MW-17	11/1/2010					<50				<10		<50						150	
MW-17	5/24/2011	<5				<50		58		190		<50						240	<5
MW-17	11/10/2011	<5				<50		<10		<10		<50						580	<5
MW-17	5/14/2012	<5				<50		<10		<10		<50						710	<5
MW-17	11/15/2012	<5				<50		<10		<10		<50						200	<5
MW-17	5/14/2013	<5				<50		<10		31		<50						1300	<5
MW-17	10/7/2013	<5				<50		<10		<10		<50						220	<5
MW-17	5/21/2014	<5				<50		<10		<10		<50						560	<5
MW-17	11/24/2014	<5				<50		<10		<10		<50						360	<5
MW-17	5/19/2015	<5				<50		14		15		<50						170	<5
MW-17	11/12/2015	<5				<50		<10		<10		<50						<5	<5
MW-17	1/18/2017	<5				<50		<10		<10		<50						<5	<5
MW-18	1/1/2002					<100				<50		<50						<5	
MW-18	6/1/2002					<100				<10		<50						<2	
MW-18	9/1/2002											<50							
MW-18	12/1/2002					<100				<50		<50						<5	
MW-18	5/1/2003					<100				<50		<50						<5	
MW-18	11/1/2003					<100				<50		<50						<5	
MW-18	5/1/2004					<100				<50		<50						<5	
MW-18	11/1/2004					<100				<50		<50						<5	
MW-18	5/1/2005					<100				<50		<50						<5	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-18	11/1/2005					<50				<50		<50						<5	
MW-18	5/1/2006					<50				<10		<50						<5	
MW-18	11/1/2006					<50				<50		<50						<5	
MW-18	5/1/2007					<50				<10		<50						<5	
MW-18	11/1/2007					<50				<10		<50						<5	
MW-18	5/1/2008					<100				<50		<50						<5	
MW-18	11/1/2008					<50				<10		<50						<5	
MW-18	5/1/2009					<50				<		<50						<5	
MW-18	8/1/2009					<50				<		<50						<5	
MW-18	11/1/2009					<5				<5		<50						<5	
MW-18	5/1/2010					<50				<10		<5						<5	
MW-18	11/1/2010					<50				<10		<50						<5	
MW-18	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-18	11/8/2011	<5				<50		<10		<10		<50						<5	<5
MW-18	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-18	11/16/2012	<5				<50		<10		<10		<50						<5	<5
MW-18	5/14/2013	<5				<50		<10		<10		<50						<5	<5
MW-18	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-18	5/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-18	11/18/2014	<5				<50		<10		<10		<50						<5	<5
MW-18	5/15/2015	<5				<50		<10		<10		<50						<5	<5
MW-18	11/12/2015	<5				<50		<10		<10		<50						<5	<5
MW-19	1/1/2002					<100				<50		<50						<5	
MW-19	6/1/2002					<100				<10		<50						<2	
MW-19	9/1/2002											<50							
MW-19	12/1/2002					<100				<50		<50						<5	
MW-19	5/1/2003					<100				<50		<50						<5	
MW-19	11/1/2003					<100				<50		<50						<5	
MW-19	5/1/2004					<100				<50		<50						<5	
MW-19	11/1/2004					<100				<50		<50						<5	
MW-19	5/1/2005					<100				<50		<50						<5	
MW-19	11/1/2005					<50				<50		<50						<5	
MW-19	5/1/2006					<50				<10		<50						<5	
MW-19	11/1/2006					<50				<50		<50						<5	
MW-19	5/1/2007					<50				<10		<50						<5	
MW-19	11/1/2007					<50				<10		<50						<5	
MW-19	5/1/2008					<50				<10		<50						<5	
MW-19	11/1/2008					<50				<10		<50						<5	
MW-19	2/1/2009					<50				<10		<50						<5	
MW-19	5/1/2009					<50				<10		<50						<5	
MW-19	8/1/2009					<50				<10		<50						<5	
MW-19	11/1/2009					<5				<5		<50						<5	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-19	5/1/2010					<50				<10		<5						<5	
MW-19	11/1/2010					<50				<10		<50						<5	
MW-19	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-19	11/10/2011	<5				<50		<10		<10		<50						<5	<5
MW-19	5/10/2012	<5				<50		<10		<10		<50						<5	<5
MW-19	11/13/2012	<5				<50		<10		<10		<50						<5	<5
MW-19	5/14/2013	<5				<50		<10		<10		<50						<5	<5
MW-19	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-19	5/21/2014	<5				<50		<10		<10		<50						<5	<5
MW-19	11/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-19	5/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-19	11/17/2015	<5				<50		<10		<10		<50						<5	<5
MW-20	1/1/2002					<100				<50		<50						25	
MW-20	6/1/2002					<100				<10		<50						<2	
MW-20	12/1/2002					<100				<50		<50						<5	
MW-20	5/1/2003					<100				<50		<50						<5	
MW-20	11/1/2003					<100				<50		<50						<5	
MW-20	5/1/2004					<100				<50		<50						<5	
MW-20	11/1/2004					<100				<50		<50						<5	
MW-20	5/1/2005					<100				<50		<50						<5	
MW-20	11/1/2005					<50				<50		<50						<5	
MW-20	5/1/2006					<50				<10		<50						<5	
MW-20	11/1/2006					<50				<50		<50						<5	
MW-20	5/1/2007					<50				<10		<50						<5	
MW-20	11/1/2007					<50				<10		<50						<5	
MW-20	5/1/2008					<50				<10		<50						<5	
MW-20	11/1/2008					<50				<10		<50						8.3	
MW-20	2/1/2009					<50				<10		<50						<5	
MW-20	5/1/2009					<50				<10		<50						<5	
MW-20	8/1/2009					<50				<10		<50						<5	
MW-20	11/1/2009					<5				<5		<50						<5	
MW-20	5/1/2010					<50				<10		<5						<5	
MW-20	11/1/2010					<50				<10		<50						<5	
MW-20	5/24/2011	<5				<50		<10		<10		<50						<5	<5
MW-20	11/11/2011	<5				<50		<10		<10		<50						<5	<5
MW-20	5/15/2012	<5				<50		<10		<10		<50						<5	<5
MW-20	11/14/2012	<5				<50		<10		<10		<50						<5	<5
MW-20	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-20	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-20	5/27/2014	<5				<50		<10		<10		<50						<5	<5
MW-20	11/21/2014	<5				<50		<10		<10		<50						<5	<5
MW-20	5/20/2015	<5				<50		<10		<10		<50						<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-20	11/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-20	1/18/2017	<5				<50		<10		<10		<50						<5	<5
MW-21	1/1/2002					<100				<50		<50						215	
MW-21	12/1/2002					<100				<50		<50						117	
MW-21	5/1/2003					<100				<50		<50						66.7	
MW-21	11/1/2003					<100				<50		<50						16	
MW-21	5/1/2004					<100				<50		<50						<5	
MW-21	11/1/2004					<100				<50		<50						17	
MW-21	5/1/2005					<100				<50		<50						15	
MW-21	11/1/2005					<50				<50		<50						18	
MW-21	5/1/2006					<50				<10		<50						11	
MW-21	11/1/2006					<50				<50		<50						19	
MW-21	11/1/2007					<50				<10		<50						60	
MW-21	5/1/2008					<50				<10		<50						100	
MW-21	11/1/2009					<5				<5		<50						110	
MW-21	5/1/2010					<50				<10		<5						94	
MW-21	11/1/2010					<50				<10		<50						17	
MW-21	5/24/2011	<5				<50		<10		<10		<50						21	<5
MW-21	11/9/2011	<5				<50		<10		<10		<50						28	<5
MW-21	5/16/2012	<5				<50		<10		<10		<50						78	<5
MW-21	11/15/2012	<100				<1000		<200		<200		<1000						100	<100
MW-21	5/14/2013	<5				<50		<10		<10		<50						140	<5
MW-21	10/8/2013	<5				<50		<10		<10		<50						64	<5
MW-21	2/19/2014	<500				<5000		<1000		<1000		<5000						<500	<500
MW-21	5/29/2014	<5				<50		<10		<10		<50						48	<5
MW-21	11/25/2014	<5				<50		<10		<10		<50						38	<5
MW-21	2/18/2015	<5				<50		<10		<10		<50						22	<5
MW-21	5/21/2015	<5				<50		<10		<10		<50						<5	<5
MW-21	11/16/2015	<5				<50		<10		<10		<50						<5	<5
MW-21	1/19/2017	<5				<50		<10		<10		<50						25	<5
MW-22	1/1/2002					<100				<50		<50						6	
MW-22	6/1/2002					<100				<10		<50						3	
MW-22	9/1/2002											<50							
MW-22	12/1/2002					<100				<50		<50						<5	
MW-22	5/1/2003					<100				<50		<50						<5	
MW-22	11/1/2003					<100				<50		<50						<5	
MW-22	5/1/2004					<100				<50		<50						<5	
MW-22	11/1/2004					<100				<50		<50						<5	
MW-22	5/1/2005					<100				<50		<50						<5	
MW-22	11/1/2005					<50				<50		<50						<5	
MW-22	5/1/2006					<50				<10		<50						<5	
MW-22	11/1/2006					<50				<50		<50						<5	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-22	5/1/2007					<50				<10		<50						<5	
MW-22	11/1/2007					<50				<10		<50						<5	
MW-22	5/1/2008					<50				<10		<50						<5	
MW-22	11/1/2008					<50				<10		<50						<5	
MW-22	2/1/2009					<50				<10		<50						<5	
MW-22	5/1/2009					<50				<10		<50						<5	
MW-22	8/1/2009					<50				<10		<50						<5	
MW-22	11/1/2009					<5				<5		<50						<5	
MW-22	5/1/2010					<50				<10		<5						<5	
MW-22	11/1/2010					<50				<10		<50						<5	
MW-22	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-22	11/9/2011	<5				<50		<10		<10		<50						<5	<5
MW-22	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-22	11/15/2012	<5				<50		<10		<10		<50						<5	<5
MW-22	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-22	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-22	5/28/2014	<5				<50		<10		<10		<50						<5	<5
MW-22	11/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-22	5/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-22	11/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-23	1/1/2002					<100				<50		<50						<5	
MW-23	6/1/2002					<100				<10		<50						<2	
MW-23	9/1/2002																		
MW-23	12/1/2002					<100				<50		<50						<5	
MW-23	5/1/2003					<100				<50		<50						<5	
MW-23	11/1/2003					<100				<50		<50						<5	
MW-23	5/1/2004					<100				<50		<50						<5	
MW-23	11/1/2004					<100				<50		<50						<5	
MW-23	5/1/2005					<100				<50		<50						<5	
MW-23	11/1/2005					<50				<50		<50						<5	
MW-23	5/1/2006					<50				<10		<50						<5	
MW-23	11/1/2006					<50				<50		<50						<5	
MW-23	5/1/2007					<50				<10		<50						<5	
MW-23	11/1/2007					<50				<10		<50						<5	
MW-23	5/1/2008					<50				<10		<50						<5	
MW-23	11/1/2008					<50				<10		<50						<5	
MW-23	5/1/2009					<50				<10		<50						<5	
MW-23	8/1/2009					<50				<10		<50						<5	
MW-23	11/1/2009					<5				<5		<50						<5	
MW-23	5/1/2010					<50				<10		<5						<5	
MW-23	11/1/2010					<50				<10		<50						<5	
MW-23	5/23/2011	<5				<50		<10		<10		<50						<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-23	11/8/2011	<5				<50		<10		<10		<50						<5	<5
MW-23	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-23	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-23	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-23	5/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-23	11/18/2014	<5				<50		<10		<10		<50						<5	<5
MW-23	5/15/2015	<5				<50		<10		<10		<50						<5	<5
MW-23	11/11/2015	<5				<50		<10		<10		<50						<5	<5
MW-24	1/1/2002					<100				<50		<50						<5	
MW-24	6/1/2002					<100				<10		<50						<2	
MW-24	9/1/2002											<50							
MW-24	12/1/2002					<100				<50		<50						<5	
MW-24	5/1/2003					<100				<50		<50						<5	
MW-24	11/1/2003					<100				<50		<50						<5	
MW-24	5/1/2004					<100				<50		<50						<5	
MW-24	11/1/2004					<100				<50		<50						<5	
MW-24	5/1/2005					<100				<50		<50						<5	
MW-24	11/1/2005					<50				<50		<50						<5	
MW-24	5/1/2006					<50				<10		<50						<5	
MW-24	11/1/2006					<50				<50		<50						<5	
MW-24	5/1/2007					<50				<10		<50						<5	
MW-24	11/1/2007					<50				<10		<50						<5	
MW-24	5/1/2008					<100				<50		<50						<5	
MW-24	11/1/2008					<100				<50		<50						<5	
MW-24	5/1/2009					<				<		<50						<	
MW-24	8/1/2009					<				<		<50						<	
MW-24	11/1/2009					<				<5		<50						<	
MW-24	5/1/2010					<50				<10		<5						<5	
MW-24	11/1/2010					<50				<10		<50						<5	
MW-24	5/23/2011	<5				<50		<10		<10		<50						<5	<5
MW-24	11/8/2011	<5				<50		<10		<10		<50						<5	<5
MW-24	5/8/2012	<5				<50		<10		<10		<50						<5	<5
MW-24	11/16/2012	<5				<50		<10		<10		<50						<5	<5
MW-24	5/14/2013	<5				<50		<10		<10		<50						<5	<5
MW-24	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-24	5/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-24	11/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-24	5/15/2015	<5				<50		<10		<10		<50						<5	<5
MW-24	11/11/2015	<5				<50		<10		<10		<50						<5	<5
MW-25	1/1/2002					<100				<50		<50						<5	
MW-25	6/1/2002					<100				<10		<50						<2	
MW-25	9/1/2002											<50							

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-25	12/1/2002					<100				<50		<50						<5	
MW-25	5/1/2003					<100				<50		<50						<5	
MW-25	11/1/2003					<100				<50		<50						<5	
MW-25	5/1/2004					<100				<50		<50						<5	
MW-25	11/1/2004					<100				<50		<50						<5	
MW-25	5/1/2005					<100				<50		<50						<5	
MW-25	11/1/2005					<50				<50		<50						<5	
MW-25	5/1/2006					<50				<10		<50						<5	
MW-25	11/1/2006					<50				<50		<50						<5	
MW-25	5/1/2007					<50				<10		<50						<5	
MW-25	11/1/2007					<50				<10		<50						<5	
MW-25	5/1/2008					<50				<10		<50						<5	
MW-25	11/1/2008					<50				<10		<50						<5	
MW-25	2/1/2009					<				<		<50						<	
MW-25	5/1/2009					<				<		<50						<	
MW-25	8/1/2009					<				<		<50						<	
MW-25	11/1/2009					<5				<5		<50						<5	
MW-25	5/25/2011	<5				<50		<10		<10		<50						<5	<5
MW-25	5/10/2012	<5				<50		<10		<10		<50						<5	<5
MW-25	11/19/2012	<5				<50		<10		<10		<50						<5	<5
MW-25	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-25	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-25	5/29/2014	<5				<50		<10		<10		<50						<5	<5
MW-25	11/25/2014	<5				<50		<10		<10		<50						<5	<5
MW-25	5/21/2015	<5				<50		<10		<10		<50						<5	<5
MW-25	11/20/2015	<5				<50		<10		<10		<50						<5	<5
MW-26	5/1/2010					<50				<10		<5						<5	
MW-26	11/1/2010					<50				<10		<50						<5	
MW-26	5/24/2011	<5				<50		<10		<10		<50						<5	<5
MW-26	11/10/2011	<5				<50		<10		<10		<50						<5	<5
MW-26	5/15/2012	<5				<50		<10		<10		<50						<5	<5
MW-26	11/14/2012	<5				<50		<10		<10		<50						<5	<5
MW-26	5/15/2013	<5				<50		<10		<10		<50						<5	<5
MW-26	10/7/2013	<5				<50		<10		<10		<50						<5	<5
MW-26	2/18/2014	<5				<50		<10		<10		<50						<5	<5
MW-26	5/23/2014	<5				<50		<10		<10		<50						<5	<5
MW-26	11/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-26	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-26	11/16/2015	<5				<50		<10		<10		<50						<5	<5
MW-26	1/18/2017	<5				<50		<10		<10		<50						<5	<5
MW-27	5/1/2010					<50				<10		<5						140	
MW-27	11/1/2010					<50				<10		<50						89	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-27	5/24/2011	<5				<50		<10		<10		<50						81	<5
MW-27	11/10/2011	<5				<50		<10		<10		<50						110	<5
MW-27	5/15/2012	<5				<50		<10		<10		<50						150	<5
MW-27	11/14/2012	<5				<50		<10		<10		<50						18	<5
MW-27	5/16/2013	<5				<50		<10		<10		<50						32	<5
MW-27	10/10/2013	<5				<50		<10		<10		<50						<5	<5
MW-27	2/19/2014	<5				<50		<10		<10		<50						<5	<5
MW-27	5/23/2014	<5				<50		<10		<10		<50						<5	<5
MW-27	11/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-27	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-27	11/16/2015	<5				<50		<10		<10		<50						<5	<5
MW-28	5/1/2010					<50				<10		<5						<5	
MW-28	11/1/2010					<50				<10		<50						<5	
MW-28	5/24/2011	<5				<50		<10		<10		<50						<5	<5
MW-28	11/10/2011	<5				<50		<10		<10		<50						<5	<5
MW-28	5/16/2012	<5				<50		<10		<10		<50						<5	<5
MW-28	11/15/2012	<5				<50		<10		<10		<50						<5	<5
MW-28	5/16/2013	<5				<50		<10		<10		<50						<5	<5
MW-28	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-28	5/28/2014	<5				<50		<10		<10		<50						<5	<5
MW-28	11/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-28	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-28	11/20/2015	<5				<50		<10		<10		<50						<5	<5
MW-28	1/20/2017	<5				<50		<10		<10		<50						<5	<5
MW-29	5/1/2010					<50				<10		<5						<5	
MW-29	11/1/2010					<50				<10		<50						<5	
MW-29	5/24/2011	<5				<50		<10		<10		<50						<5	<5
MW-29	11/11/2011	<5				<50		<10		<10		<50						<5	<5
MW-29	5/16/2012	<5				<50		<10		<10		<50						<5	<5
MW-29	11/15/2012	<5				<50		<10		<10		<50						<5	<5
MW-29	5/16/2013	<5				<50		<10		<10		<50						<5	<5
MW-29	10/9/2013	<5				<50		<10		<10		<50						<5	<5
MW-29	5/28/2014	<5				<50		<10		<10		<50						<5	<5
MW-29	11/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-29	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-29	11/20/2015	<5				<50		<10		<10		<50						<5	<5
MW-30	10/8/2013	<5				<50		<10		<10		<50						<5	<5
MW-30	5/27/2014	<5				<50		<10		<10		<50						<5	<5
MW-30	11/24/2014	<5				<50		<10		<10		<50						59	<5
MW-30	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-30	11/12/2015	<5				<50		<10		<10		<50						<5	<5
MW-31	10/8/2013	<5				<50		<10		<10		<50						<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-31	5/27/2014	<5				<50		<10		<10		<50						<5	<5
MW-31	11/20/2014	<5				<50		<10		<10		<50						<5	<5
MW-31	5/19/2015	<5				<50		<10		<10		<50						<5	<5
MW-31	11/12/2015	<5				<50		<10		<10		<50						<5	<5
MW-32	10/8/2013	<5				<50		<10		16		<50						<5	<5
MW-32	2/19/2014	<5000				<50000		<10000		<10000		<50000						<5000	<5000
MW-32	4/16/2014	<500				<5000		<1000		<1000		<5000						<500	<500
MW-32	5/30/2014	<5				<50		<10		240		<50						21	<5
MW-32	11/20/2014	<5				550		<10		470		1100						49	<5
MW-32	2/18/2015	<2500				<25000		<5000		<5000		<25000						<2500	<2500
MW-32	5/15/2015	<25000				<250000		<50000		<50000		<250000						<25000	<25000
MW-32	11/17/2015	<50				<500		<100		<100		<500						<50	<50
MW-32	1/19/2017	<5				<50		<10		<10		<50						<5	<5
MW-33	10/8/2013	<5				<50		<10		<10		<50						<5	<5
MW-33	5/29/2014	<5				<50		<10				<50						12	<5
MW-33	11/24/2014	<5				<50		<10		<10		<50						7.7	<5
MW-33	5/21/2015	<5				<50		30		58		56						21	<5
MW-33	11/16/2015	<5				<50		<10		<10		<50						<5	<5
MW-34	4/16/2014	<5				<50		<10		<10		<50						<5	<5
MW-34	11/24/2014	<5				<50		<10		<10		<50						<5	<5
MW-34	2/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-34	5/21/2015	<5				<50		<10		<10		<50						<5	<5
MW-34	11/16/2015	<5				<50		<10		<10		<50						<5	<5
MW-35	4/16/2014	<250				<2500		<500		<500		<2500						<250	<250
MW-35	11/24/2014	<500				<5000		<1000		<1000		<5000						<500	<500
MW-35	2/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-35	5/21/2015	<5				<50		<10		<10		<50						<5	<5
MW-35	11/16/2015	<5				<50		<10		<10		<50						<5	<5
MW-36	4/17/2014	<250				<2500		<500		<500		<2500						<250	<250
MW-36	11/20/2014	<5				<50		<10		20		<50						<5	<5
MW-36	2/18/2015	<5				<50		<10		<10		<50						<5	<5
MW-36	5/15/2015	<5				<50		<10		<10		<50						<5	<5
MW-36	11/17/2015	<50				<500		<100		<100		<500						<50	<50
MW-37	1/6/2016	<5				<50		<10		<10		<50						<5	<5
MW-37	1/17/2017	<5				<50		<10		<10		<50						<5	<5
MW-38	1/6/2016	<5				<50		<10		<10		<50						<5	<5
MW-38	1/17/2017	<5				<50		<10		<10		<50						<5	<5
MW-39	6/23/2016	<5				<50		<10		<10		<50						<5	<5
MW-39	1/17/2017	<5				<50		<10		<10		<50						<5	<5
MW-40	6/23/2016	<5				<50		<10		<10		<50						<5	<5
MW-40	1/17/2017	<5				<50		<10		<10		<50						<5	<5
MW-41	6/23/2016	<5				<50		<10		340		<50						31	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
MW-41	1/17/2017	<500				<5000		<1000		<1000		<5000						<500	<500
MW-42	6/23/2016	<5				<50		<10		<10		<50						<5	<5
MW-42	1/17/2017	<5				<50		<10		<10		<50						<5	<5
MW-43	6/23/2016	<5				<50		<10		<10		<50						<5	<5
MW-44	6/23/2016	<5				<50		<10		19		<50						<5	<5
MW-45	6/23/2016	<5				<50		<10		<10		<50						<5	<5
MW-45	1/17/2017	<5				<50		<10		<10		<50						<5	<5
MW-46	6/23/2016	<5				<50		<10		16		<50						<5	<5
MW-47	6/23/2016	<5				<50		<10		<10		<50						<5	<5
MW-48	6/23/2016	<5				<50		<10		<10		<50						<5	<5
MW-48	1/18/2017	<5				<50		<10		<10		<50						<5	<5
MW-49	10/7/2016	<5				<50		<10		<10		<50						<5	<5
MW-50	10/7/2016	<5				<50		<10		<10		<50						<5	<5
MW-51	10/7/2016	<5				<50		<10		<10		<50						31	<5
MW-51	1/16/2017	<5				<50		<10		<10		<50						28	<5
MW-52	10/7/2016	<5				<50		<10		<10		<50						<5	<5
MW-52	1/16/2017	<5				<50		<10		<10		<50						<5	<5
MW-53	10/7/2016	<5				<50		<10		<10		<50						<5	<5
MW-54	10/7/2016	<5				<50		<10		<10		<50						<5	<5
MW-54	1/16/2017	<5				<50		<10		<10		<50						<5	<5
MW-55	10/7/2016	<5				<50		<10		<10		<50						<5	<5
MW-55	1/16/2017	<5				<50		<10		<10		<50						<5	<5
MW-56	10/7/2016	<5				<50		<10		<10		<50						<5	<5
MW-56	1/16/2017	<5				<50		<10		<10		<50						<5	<5
MW-57	10/7/2016	<5				<50		<10		<10		<50						<5	<5
MW-57	1/16/2017	<5				<50		<10		<10		<50						<5	<5
RW-01	1/1/2002					<100				<50		<50						<5	
RW-01	6/1/2002					<100				<10		<50						13	
RW-01	9/1/2002											<50						25	
RW-01	12/1/2002					<100				<10		<50						47	
RW-01	5/1/2003					<100				<10		<50						9.3	
RW-02	1/1/2002					<100				<50		<50						1010	
RW-02	6/1/2002					<100				<10		<50						280	
RW-02	9/1/2002											<50						<200	
RW-02	12/1/2002					<100				<50		<50						74.1	
RW-02	5/1/2003					<100				<50		<50						57.9	
RW-02	11/1/2003					<100				<50		<50						540	
RW-02	5/1/2004					<100				<50		<50						306	
RW-02	11/1/2004					<100				<50		<50						78	
RW-02	5/1/2005					<100				<50		<50						44	
RW-02	11/1/2005					<50				<50		<50						200	
RW-02	5/1/2006					<50				<10		<50						68	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
RW-02	11/1/2006					<50				<50		<50						96	
RW-02	5/1/2007					<50				<10		<50						42	
RW-02	11/1/2007					<50				<10		<50						130	
RW-02	5/1/2008					<50				<10		<50						140	
RW-02	11/1/2008					<50				<10		<50						<5	
RW-02	2/1/2009					<				<		<50						18	
RW-02	5/1/2009					<				<		<50						18	
RW-02	8/1/2009					<				<		<50						28	
RW-02	11/1/2009					<5				<5		<50						59	
RW-02	5/1/2010					<50				<10		<5						300	
RW-02	11/1/2010					<1000				<200		<1000						650	
RW-02	11/11/2011	<500				<5000		<1000		<1000		<5000						<500	<500
RW-02	5/8/2012	<5				<50		<10		49		<50						940	<5
RW-02	11/19/2012	<5				<50		<10		<10		<50						45	<5
RW-02	5/13/2013	<100				<1000		<200		<200		<1000						220	<100
RW-02	10/14/2013	<2				<50	<10					<50		<50	<50			640	<10
RW-02	5/23/2014	<500				<5000		<1000		<1000		<5000						<500	<500
RW-02	11/25/2014	<5				<50		<10		13		<50						200	<5
RW-02	2/18/2015	<250				<2500		<500		<500		<2500						<250	<250
RW-02	5/18/2015	<5				<50		<10		<10		<50						14	<5
RW-02	11/17/2015	<5				<50		<10		11		<50						70	<5
RW-03	1/1/2002					<100				<50		<50						<5	
RW-03	6/1/2002					<100				<10		<50						<2	
RW-03	9/1/2002											<50						<10	
RW-03	12/1/2002					<100				<50		<50						<5	
RW-03	5/1/2003					<100				<50		<50						<5	
RW-03	11/1/2003					<100				<50		<50						<5	
RW-03	5/1/2004					<100				<50		<50						<5	
RW-03	11/1/2004					<100				<50		<50						<5	
RW-03	5/1/2005					<100				<50		<50						<5	
RW-03	11/1/2005					<50				<50		<50						10	
RW-03	5/1/2006					<50				<10		<50						16	
RW-03	11/1/2006					<50				<50		<50						27	
RW-03	5/1/2007					<50				<10		<50						44	
RW-03	11/1/2007					<50				<10		<50						<5	
RW-03	5/1/2008					<50				<10		<50						<5	
RW-03	11/1/2008					<50				<10		<50						61	
RW-03	2/1/2009					<50				<10		<50						61	
RW-03	5/1/2009					<50				<10		<50						120	
RW-03	8/1/2009					<50				<10		<50						170	
RW-03	11/1/2009					<5				<5		<50						150	
RW-03	5/1/2010					<50				<10		<5						39	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
RW-03	11/1/2010					<50				<10		<50						8	
RW-03	11/11/2011	<5				<50		<10		<10		<50						<5	<5
RW-03	5/8/2012	<5				<50		<10		<10		<50						<5	<5
RW-03	11/19/2012	<5				<50		<10		<10		<50						<5	<5
RW-03	5/13/2013	<5				<50		<10		<10		<50						<5	<5
RW-03	10/14/2013	<2				<50	<10					<50		<50	<50			<2	<10
RW-03	5/23/2014	<5				<50		<10		<10		<50						<5	<5
RW-03	11/17/2014	<5				<50		<10		<10		<50						<5	<5
RW-03	5/20/2015	<5				<50		<10		<10		<50						<5	<5
RW-03	11/17/2015	<5				<50		<10		<10		<50						<5	<5
RW-04	1/1/2002					<100				<50		<50						<5	
RW-04	6/1/2002					<100				<10		<50						4	
RW-04	9/1/2002											<50							
RW-04	12/1/2002					<100				<50		<50						<5	
RW-04	5/1/2003					<100				<50		<50						<5	
RW-04	11/1/2003					<100				<50		<50						<5	
RW-04	5/1/2004					<100				<50		<50						<5	
RW-04	11/1/2004					<100				<50		<50						<5	
RW-04	5/1/2005					<100				<50		<50						<5	
RW-04	11/1/2005					<50				<50		<50						<5	
RW-04	5/1/2006					<50				<10		<50						<5	
RW-04	11/1/2006					<50				<50		<50						<5	
RW-04	5/1/2007					<50				<10		<50						<5	
RW-04	11/1/2007					<50				<10		<50						<5	
RW-04	5/1/2008					<50				<10		<50						<5	
RW-04	11/1/2008					<50				<10		<50						<5	
RW-04	2/1/2009					<				<		<50						<	
RW-04	5/1/2009					<				<		<50						<	
RW-04	8/1/2009					<				<		<50						<	
RW-04	11/1/2009					<5				<5		<50						<5	
RW-04	5/1/2010					<50				<10		<5						<5	
RW-04	11/1/2010					<50				<10		<50						<5	
RW-04	11/9/2011	<5				<50		<10		<10		<50						<5	<5
RW-04	5/8/2012	<5				<50		<10		<10		<50						<5	<5
RW-04	11/19/2012	<5				<50		<10		<10		<50						<5	<5
RW-04	5/13/2013	<5				<50		<10		<10		<50						<5	<5
RW-04	10/14/2013	<2				<50	<10					<50		<50	<50			<2	<10
RW-04	5/23/2014	<5				<50		<10		<10		<50						<5	<5
RW-04	11/17/2014	<5				<50		<10		<10		<50						<5	<5
RW-04	5/20/2015	<5				<50		<10		<10		<50						<5	<5
RW-05	1/1/2002					<100				<50		<50						<5	
RW-05	6/1/2002					<100				<10		<50						<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
RW-05	9/1/2002											<50							
RW-05	12/1/2002					<100				<50		<50						<5	
RW-06	5/1/2004					<100				<50		<50						<5	
RW-06	11/1/2004					<100				<50		<50						<5	
RW-06	5/1/2005					<100				<50		<50						<5	
RW-06	11/1/2005					<50				<50		<50						<5	
RW-06	5/1/2006					<50				<10		<50						<5	
RW-06	11/1/2006					<50				<50		<50						<5	
RW-06	5/1/2007					<50				<10		<50						<5	
RW-06	11/1/2007					<50				<10		<50						<5	
RW-06	5/1/2008					<50				<10		<50						<5	
RW-06	11/1/2008					<50				<10		<50						<5	
RW-06	2/1/2009					<50				<10		<50						<5	
RW-06	5/1/2009					<50				<10		<50						56	
RW-06	8/1/2009					<50				<10		<50						31	
RW-06	11/1/2009					<50				<5		<50						11	
RW-06	5/1/2010					<50				<10		<5						9.7	
RW-06	11/1/2010					<50				<10		<50						32	
RW-06	11/11/2011	<5				<50		<10		<10		<50						6.3	<5
RW-06	5/8/2012	<5				<50		<10		<10		<50						<5	<5
RW-06	11/19/2012	<5				<50		<10		<10		<50						6	<5
RW-06	5/13/2013	<5				<50		<10		<10		<50						<5	<5
RW-06	10/14/2013	<2				<50	<10					<50		<50	<50			7.1	<10
RW-06	5/23/2014	<5				<50		<10		<10		<50						10	<5
RW-06	11/17/2014	<5				<50		<10		<10		<50						<5	<5
RW-06	5/18/2015	<5				<50		<10		<10		<50						<5	<5
RW-06	11/17/2015	<5				<50		<10		<10		<50						<5	<5
RW-07	5/1/2004					<100				<50		<50						<5	
RW-07	11/1/2004					<100				<50		<50						6	
RW-07	5/1/2005					<100				<50		<50						14	
RW-07	11/1/2005											<50							
RW-07	5/1/2006					<50				<10		<50						6.7	
RW-07	11/1/2006					<50				<50		<50						<5	
RW-07	5/1/2007					<50				<10		<50						<5	
RW-07	11/1/2007					<50				<10		<50						<5	
RW-07	5/1/2008					<50				<10		<50						92	
RW-07	11/1/2008					<50				<10		<50						8.6	
RW-07	2/1/2009					<				<		<50						5.2	
RW-07	5/1/2009					<				<		<50						<	
RW-07	8/1/2009					<				<		<50						<	
RW-07	11/1/2009					<5				<5		<50						<5	
RW-07	5/1/2010					<50				<10		<5						550	

Table 1. All Groundwater VOC Results

Location	Date Sampled	1,2-Dichloropropane (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Dioxane (µg/L)	2-Butanone (MEK) (µg/L)	2-Chloroethyl vinyl ether (µg/L)	2-Hexanone (µg/L)	2-Methyl-5-nitroaniline (µg/L)	4-Methyl-2-pentanone (µg/L)	4-Phenylene-diamine (µg/L)	Acetone (µg/L)	Acetonitrile (µg/L)	Acrolein (µg/L)	Acrylonitrile (µg/L)	Allyl chloride (µg/L)	b-Chloro-prene (µg/L)	Benzene (µg/L)	Bromoform (µg/L)
RW-07	11/1/2010					<50				<10		<50						32	
RW-07	11/11/2011	<5				<50		<10		<10		<50						<5	<5
RW-07	5/8/2012	<5				<50		<10		<10		<50						6.1	<5
RW-07	11/19/2012	<5				<50		<10		<10		<50						<5	<5
RW-07	5/13/2013	<5				<50		<10		<10		<50						28	<5
RW-07	10/14/2013	<2				<50	<10					<50		<50	<50			<2	<10
RW-07	5/23/2014	<5				<50		<10		<10		<50						<5	<5
RW-07	5/18/2015	<5				<50		<10		<10		<50						<5	<5
RW-07	11/17/2015	<5				<50		<10		<10		<50						<5	<5
RW-07	1/18/2017	<5				<50		<10		<10		<50						9	<5
RW-08	10/7/2013	<5				<50		<10		<10		<50						<5	<5
RW-08	2/19/2014	<5				<50		<10		<10		<50						6.9	<5
RW-08	11/17/2014	<5				<50		<10		40		<50						470	<5
RW-08	2/18/2015	<5				<50		<10		<10		<50						<5	<5
RW-08	5/20/2015	<5				<50		<10		<10		<50						<5	<5
RW-08	11/17/2015	<5				<50		<10		<10		<50						<5	<5
TW-01	3/3/2016	<5				<50		<10		<10		<50						<5	<5
TW-01	6/23/2016	<5				<50		<10		<10		<50						<5	<5
TW-01	1/17/2017	<5				<50		<10		<10		<50						6.1	<5
TW-02	3/3/2016	<5				<50		<10		<10		<50						<5	<5
TW-02	6/23/2016	<5				<50		<10		<10		<50						<5	<5
TW-02	1/17/2017	<5				<50		<10		<10		<50						<5	<5
TW-03	3/3/2016	<5				<50		<10		<10		<50						<5	<5
TW-03	6/23/2016	<5				<50		<10		<10		<50						<5	<5
TW-03	1/17/2017	<5				<50		<10		<10		<50						<5	<5

< Not detected, detection l

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
DPE-109	2/26/2014	<250	<250	<250	<250	<500	<250	<500	4100	<250	<250		<250		<250	<250	1100		<250	<500	<500		<250
DPE-109	4/25/2014	<5	<5	<5	<5	<10	<5	<10	5900	<5	150		<5		<5	<5	170		<5	<10	<10		<5
DPE-109	2/18/2015	<5	<5	<5	<5	<10	<5	<10	940	<5	44		<5		<5	<5	590		<5	<10	<10		6
DPE-118	2/26/2014	<5	<5	<5	<5	<10	<5	<10	610	<5	22		<5		<5	<5	110		<5	<10	<10		<5
DPE-118	4/25/2014	<250	<250	<250	<250	<500	<250	<500	4400	<250	<250		<250		<250	<250	<250		<250	<500	<500		<250
DPE-118	2/18/2015	<5	<5	<5	<5	<10	<5	<10	63	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
DPE-305	2/26/2014	<250	<250	<250	<250	<500	<250	<500	6800	<250	660		<250		<250	<250	4500		<250	<500	<500		<250
DPE-305	4/25/2014	<250	<250	<250	<250	<500	<250	<500	11000	<250	310		<250		<250	430	3400		<250	<500	<500		<250
DPE-305	2/18/2015	<2500	<2500	<2500	<2500	<5000	<2500	<5000	<2500	<2500	<2500		<2500		<2500	<2500	<2500		<2500	<5000	<5000		<2500
DPE-307	2/26/2014	<250	<250	<250	<250	<500	<250	<500	550	<250	430		<250		<250	<250	720		<250	<500	<500		<250
DPE-307	4/25/2014	<250	<250	<250	<250	<500	<250	<500	400	<250	360		<250		<250	<250	540		<250	<500	<500		<250
DPE-307	2/19/2015	<25000	<25000	<25000	<25000	<50000	<25000	<50000	<25000	<25000	<25000		<25000		<25000	<25000	<25000		<25000	<50000	<50000		<25000
DPE-307	1/18/2017	<5	<5	<5	<5	<10	<5	<10	21	<5	81		<5		<5	<5	150		<5	<10	<10		<5
DPE-313	2/26/2014	<5	<5	<5	<5	<10	<5	<10	69	<5	1900		<5		<5	<5	840		<5	<10	<10		7.8
DPE-313	4/25/2014	<5	<5	<5	<5	<10	<5	<10	28	<5	1500		<5		<5	<5	220		<5	<10	<10		<5
DPE-313	2/19/2015	<5	<5	<5	<5	<10	<5	<10	23	<5	1700		<5		<5	<5	950		<5	<10	<10		7.8
DPE-408	2/26/2014	<250	<250	<250	<250	<500	<250	<500	970	<250	1100		<250		<250	<250	750		<250	<500	<500		<250
DPE-408	4/25/2014	<250	<250	<250	<250	<500	<250	<500	990	<250	1200		<250		<250	<250	770		<250	<500	<500		<250
DPE-408	2/18/2015	<5	<5	<5	<5	<10	<5	<10	660	<5	67		<5		<5	<5	340		<5	<10	<10		<5
SP-1	1/5/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<5	<5		<5
MW-02	1/1/2002						<5									<5	1500						
MW-02	6/1/2002						<200									<500	2100						
MW-02	9/1/2002						<200									<500	1000						
MW-02	12/1/2002						<5									<10	796						
MW-02	5/1/2003						<5									<10	<5						
MW-02	8/1/2003						<5									<5	8.4						
MW-02	11/1/2003						<5									<10	100						
MW-02	5/1/2004						<5									<10	2383338						
MW-02	11/1/2004						5.4									<10	1000						
MW-02	5/1/2005						<5									<10	782						
MW-02	11/1/2005						<5									<10	630						
MW-02	5/1/2006						<5									<10	590						
MW-02	11/1/2006						<5									472	<5						
MW-02	5/1/2007						<5									<10	280						
MW-02	11/1/2007						<5									<10	840						
MW-02	5/1/2008						<5									<10	2000						
MW-02	5/1/2009						<5									<	180						
MW-02	8/1/2009						<5									<	330						
MW-02	11/1/2009						<5									<5	350						
MW-02	5/1/2010						<5									<5	340						
MW-02	11/1/2010						<5									<5	490						
MW-02	5/24/2011	<5	<5	<5	<5	<10	<5	<10	40	<5	960		<5		<5	<5	350		<5	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-02	5/27/2011	<5	<5	<5	<5	<10	<5	<10		<5		<10	<5	<5	<5	<5	440	<10	<5		<5	<200	
MW-02	11/10/2011	<5	<5	<5	<5	<10	<5	<10	13	<5	1100		<5		<5	<5	470		<5	<10	<10		5.2
MW-02	5/16/2012	<5	<5	<5	<5	<10	<5	<10		<5		<10	<5	<5	<5	<5	340	<10	<5		<5	<200	
MW-02	11/14/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	1000		<5		<5	<5	370		<5	<10	<10		6.1
MW-02	5/16/2013	<5	<5	<5	<5	<10	<5	<10		<5		<10	<5	<5	<5	<5	280	<10	<5		<5	<200	
MW-02	10/7/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	1200		<5		<5	<5	490		<5	<10	<10		5.6
MW-02	5/30/2014	<5	<5	<5	84	<10	<5	<10		<5		<10	<5	<5	<5	<5	490	<10	<5		<5	<200	
MW-02	11/24/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	460		<5		<5	<5	300		<5	<10	<10		<5
MW-02	5/20/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	160		<5		<5	<5	64		<5	<10	<10		<5
MW-02	11/13/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-02	1/18/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	69		<5		<5	<5	14		<5	<10	<10		<5
MW-03	1/1/2002						<5									<5	<5						
MW-03	6/1/2002						<2									<5	5						
MW-03	9/1/2002						<10									100	170						
MW-03	12/1/2002						<5									<10	<5						
MW-03	5/1/2003						<5									<10	<5						
MW-03	11/1/2003						<5									<10	<5						
MW-03	5/1/2004						<5									<5	431						
MW-03	11/1/2004						<5									<10	900						
MW-03	5/1/2005						<5									<10	844						
MW-03	11/1/2005						41									<10	410						
MW-03	5/1/2006						<5									<10	66						
MW-03	11/1/2006						<5									<10	38						
MW-03	5/1/2007						<5									<10	12						
MW-03	11/1/2007						<5									<10	22						
MW-03	5/1/2008						<5									<10	5						
MW-03	11/1/2008						13									<10	140						
MW-03	2/1/2009						8.2									57	71						
MW-03	5/1/2009						<									22	42						
MW-03	8/1/2009						14									30	190						
MW-03	11/1/2009						<5									<5	<5						
MW-03	5/1/2010						<5									<5	<5						
MW-03	11/1/2010						<5									<5	<5						
MW-03	5/24/2011	<5	<5	<5	<5	<10	<5	<10	150	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-03	11/9/2011	<5	<5	<5	<5	<10	<5	<10	1200	<5	22		<5		<5	<5	<5		<5	<10	<10		<5
MW-03	5/15/2012	<5	<5	<5	<5	<10	<5	<10	720	<5	24		<5		<5	<5	<5		<5	<10	<10		<5
MW-03	11/14/2012	<5	<5	<5	<5	<10	<5	<10	1100	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-03	5/16/2013	<5	<5	<5	<5	<10	<5	<10	230	<5	31		<5		<5	<5	<5		<5	<10	<10		<5
MW-03	10/8/2013	<5	<5	<5	<5	<10	<5	<10	43	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-03	5/28/2014	<5	<5	<5	<5	<10	<5	<10	8.3	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-03	11/24/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	38		<5		<5	<5	5.5		<5	<10	<10		<5
MW-03	5/20/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-03	11/13/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-04	1/1/2002						<5									<5	54						
MW-04	6/1/2002						<2									<5	9						
MW-04	9/1/2002						<40									<100	<40						
MW-04	12/1/2002						<5									16.4	85.3						
MW-04	5/1/2003						<5									<5	<5						
MW-04	11/1/2003						<5									<10	45						
MW-04	5/1/2004						<5									<10	181						
MW-04	11/1/2004						<5									<10	8						
MW-04	5/1/2005						<5									<10	45						
MW-04	11/1/2005						<5									<10	120						
MW-04	5/1/2006						<5									9.8	38						
MW-04	11/1/2006						<5									<10	18						
MW-04	5/1/2007						<5									<10	7						
MW-04	11/1/2007						<5									91	21						
MW-04	5/1/2008						<5									190	15						
MW-04	11/1/2008						<5									26	20						
MW-04	8/1/2009						<5									<	10						
MW-04	11/1/2009						<5									35	87						
MW-04	5/1/2010						<5									<5	19						
MW-04	11/1/2010						<5									<5	<5						
MW-04	5/25/2011	<5	<5	<5	<5	<10	<5	<10	59	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-04	11/11/2011	<5	<5	<5	<5	<10	<5	<10	120	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-04	5/15/2012	<5	<5	<5	<5	<10	<5	<10	100	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-04	11/12/2012	<5	<5	<5	<5	<10	<5	<10	2400	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-04	5/16/2013	<5	<5	<5	<5	<10	<5	<10	77	<5	<5		<5		<5	<5	5.4		<5	<10	<10		<5
MW-04	10/8/2013	<5	<5	<5	<5	<10	<5	<10	38	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-04	5/29/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-04	11/24/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-04	11/13/2015	<5	<5	<5	<5	<10	<5	<10	12	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-05	1/1/2002						<5									<5	31						
MW-05	9/1/2002						<500									<1300	<500						
MW-05	12/1/2002						<5									<10	19.6						
MW-05	5/1/2003						<5									<10	73						
MW-05	8/1/2003						<5									<5	<5						
MW-05	11/1/2003						<5									<10	<5						
MW-05	5/1/2004						<5									<10	<5						
MW-05	11/1/2004						<5									<10	118						
MW-05	5/1/2005						<5									<10	49						
MW-05	11/1/2005						<5									<10	61						
MW-05	5/1/2006						<5									<10	61						
MW-05	11/1/2006						<5									<10	32						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-05	5/1/2007						<5									<10	68						
MW-05	11/1/2007						<5									<10	38						
MW-05	5/1/2008						<5									<10	18						
MW-05	11/1/2008						<2500									<2500	<2500						
MW-05	2/1/2009						<5									<5	<5						
MW-05	5/1/2009						<5									<5	<5						
MW-05	8/1/2009						<5									<5	<5						
MW-05	11/1/2009						<5									<5	<5						
MW-05	5/1/2010						<5									<5	18						
MW-05	11/1/2010						<5									<5	8.6						
MW-05	5/25/2011	<5	<5	<5	<5	<10	<5	<10	14000	<5	<5		<5		<5	9.8	15		<5	<10	<10		<5
MW-05	5/27/2011	<5	<5	<5	<5	<10	<5	<10		<5		<10	<5	<5	<5	6.3	17	<10	<5		<5	<200	
MW-05	11/11/2011	<500	<500	<500	<500	<1000	<500	<1000	16000	<500	<500		<500		<500	<500	<500		<500	<1000	<1000		<500
MW-05	5/15/2012	<5	<5	<5	<5	<10	<5	<10	16000	<5	<5		<5		<5	28	<5		<5	<10	<10		<5
MW-05	11/15/2012	<500	<500	<500	<500	<1000	<500	<1000	24000	<500	<500		<500		<500	<500	<500		<500	<1000	<1000		<500
MW-05	5/16/2013	<2500	<2500	<2500	<2500	<5000	<2500	<5000	27000	<2500	<2500		<2500		<2500	<2500	<2500		<2500	<5000	<5000		<2500
MW-05	5/28/2014	<5	<5	<5	<5	<10	<5	<10	96	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-05R	4/16/2014	<5	<5	<5	<5	<10	<5	<10	310	<5	6.9		<5		<5	<5	<5		<5	<10	<10		<5
MW-05R	11/24/2014	<5	<5	<5	<5	<10	<5	<10	62	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-05R	5/20/2015	<5	<5	<5	<5	<10	<5	<10	190	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-05R	11/13/2015	<5	<5	<5	<5	<10	<5	<10	19	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	1/1/2002						<5									<5	<5						
MW-06	6/1/2002						<2									<5	<2						
MW-06	9/1/2002																						
MW-06	12/1/2002						<5									<10	<5						
MW-06	5/1/2003						<5									<10	<5						
MW-06	11/1/2003						<5									<10	<5						
MW-06	5/1/2004						18									<10	<5						
MW-06	11/1/2004						<5									<10	<5						
MW-06	5/1/2005						<5									<10	<5						
MW-06	11/1/2005						<5									<10	<5						
MW-06	5/1/2006						<5									<10	<5						
MW-06	11/1/2006						<5									<10	<5						
MW-06	5/1/2007						<5									<10	<5						
MW-06	11/1/2007						<5									<10	<5						
MW-06	5/1/2008						<5									<10	<5						
MW-06	11/1/2008						<5									<10	<5						
MW-06	5/1/2009						<5									<10	<5						
MW-06	8/1/2009						<5									<10	<5						
MW-06	11/1/2009						<5									<5	<5						
MW-06	5/1/2010						<5									<5	<5						
MW-06	11/1/2010						<5									<5	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-06	5/23/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	11/8/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	5/8/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	11/16/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	5/14/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	10/10/2013	<5	<5	<5	<5	<10	<5	<10	11	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	5/20/2014	<5	<5	<5	<5	<10	<5	<10	7.8	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	11/18/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	5/15/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-06	11/11/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-07	1/1/2002						<5									6	102						
MW-07	6/1/2002						3									12	280						
MW-07	9/1/2002						<100									<250	<100						
MW-07	12/1/2002						<5									<10	180						
MW-07	5/1/2003						<5									<10	713						
MW-07	8/1/2003						<5									<5	401						
MW-07	11/1/2003						<5									<10	<5						
MW-07	5/1/2004						<5									<10	64						
MW-07	11/1/2004						<5									<10	21						
MW-07	5/1/2005						<5									<10	22						
MW-07	11/1/2005						19									<10	7						
MW-07	5/1/2006						16									<10	11						
MW-07	11/1/2006						14									<10	<5						
MW-07	5/1/2007						10									<10	<5						
MW-07	11/1/2007						5									<10	<5						
MW-07	5/1/2008						5									<5	17						
MW-07	11/1/2008						<5000									<5000	<5000						
MW-07	2/1/2009						<5									<5	<5						
MW-07	5/1/2009						<5									<5	9.5						
MW-07	8/1/2009						<5									<5	<5						
MW-07	11/1/2009						<5									<5	<5						
MW-07	5/1/2010						<5									<5	<5						
MW-07	11/1/2010						<250									<2500	<2500						
MW-07	5/24/2011	<2500	<2500	<2500	<2500	<5000	<2500	<5000	<2500	<2500	<2500		<2500		<2500	<2500	<2500		<2500	<5000	<5000		<2500
MW-07	5/27/2011	<5	<5	<5	<5	<10	<5	<10		<5		<10	<5	<5	<5	<5	<5	<10	6.8		<5	<200	
MW-07	11/9/2011	<2500	<2500	<2500	<2500	<5000	<2500	<5000	<2500	<2500	<2500		<2500		<2500	<2500	<2500		<2500	<5000	<5000		<2500
MW-07	5/16/2012	<5	<5	<5	<5	<10	<5	<10	2100	<5	19		<5		<5	<5	<5		<5	<10	<10		<5
MW-07	11/15/2012	<250	<250	<250	<250	<500	<250	<500	1600	<250	<250		<250		<250	<250	<250		<250	<500	<500		<250
MW-07	5/14/2013	<5	<5	<5	<5	<10	<5	<10	24	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-07	10/8/2013	<5	<5	<5	<5	<10	<5	<10	48	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-07	2/19/2014	<2500	<2500	<2500	<2500	<5000	<2500	<5000	<2500	<2500	<2500		<2500		<2500	<2500	<2500		<2500	<5000	<5000		<2500
MW-07	5/29/2014	<5	<5	<5	<5	<10	<5	<10	6600	<5	<5		<5		<5	<5	140		<5	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-07	11/25/2014	<500	<500	<500	<500	<1000	<500	<1000	15000	<500	<500		<500		<500	<500	<500		<500	<1000	<1000		<500
MW-07	2/18/2015	<5	<5	<5	<5	<10	<5	<10	12000	<5	16		<5		<5	<5	<5		<5	<10	<10		<5
MW-07	5/19/2015	<5	<5	<5	<5	<10	<5	<10	6200	<5	17		<5		<5	<5	10		<5	<10	<10		<5
MW-07	11/17/2015	<5	<5	<5	<5	<10	<5	<10	860	<5	<5		<5		<5	<5	22		<5	<10	<10		<5
MW-07	1/19/2017	<5	<5	<5	<5	<10	<5	<10	74	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-08	1/1/2002						<5									6	1780						
MW-08	6/1/2002						<20									<50	31						
MW-08	9/1/2002						<2									<5	15						
MW-08	12/1/2002						<5									<10	52						
MW-08	5/1/2003						<5									<5	<5						
MW-08	11/1/2003						<5									<10	205						
MW-08	5/1/2004						<5									<10	428						
MW-08	11/1/2004						<5									<10	117						
MW-08	5/1/2005						<5									<10	113						
MW-08	11/1/2005						<5									<10	13						
MW-08	5/1/2006						<5									<10	8						
MW-08	11/1/2006						<5									<10	<5						
MW-08	5/1/2007						<5									<10	<5						
MW-08	11/1/2007						<5									<10	6						
MW-08	5/1/2008						<5									<10	32						
MW-08	11/1/2008						<5									<10	<5						
MW-08	2/1/2009						<5									<10	<5						
MW-08	5/1/2009						<5									<10	<5						
MW-08	8/1/2009						<5									<10	<5						
MW-08	11/1/2009						<5									<5	<5						
MW-08	5/1/2010						<5									<5	22						
MW-08	11/1/2010						<5									<5	65						
MW-08	5/24/2011	<5	<5	<5	<5	<10	<5	<10	17000	<5	82		<5		<5	<5	850		<5	<10	<10		8.5
MW-08	11/9/2011	<5	<5	<5	<5	<10	<5	<10	3100	<5	28		<5		<5	<5	170		<5	<10	<10		<5
MW-08	5/16/2012	<5	<5	<5	<5	<10	<5	<10	41	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-08	11/15/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-08	5/14/2013	<5	<5	<5	<5	<10	<5	<10	57	<5	<5		<5		<5	<5	<5		6	<10	<10		<5
MW-08	10/8/2013	<5	<5	<5	<5	<10	<5	<10	1900	<5	<5		<5		<5	<5	120		<5	<10	<10		<5
MW-08	2/19/2014	<5	<5	<5	<5	<10	<5	<10	1900	<5	11		<5		<5	<5	85		<5	<10	<10		<5
MW-08	5/30/2014	<5	<5	<5	<5	<10	<5	<10	72	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-08	11/25/2014	<5	<5	<5	<5	<10	<5	<10	17	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-08	2/18/2015	<5	<5	<5	<5	<10	<5	<10	7.7	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-08	5/21/2015	<5	<5	<5	<5	<10	<5	<10	8.7	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-08	11/16/2015	<5	<5	<5	<5	<10	<5	<10	95	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	1/1/2002						6									<5	<5						
MW-09	6/1/2002						7									<5	<2						
MW-09	9/1/2002						8									<5	<2						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-09	12/1/2002						<5									<10	<5						
MW-09	5/1/2003						<5									<5	<5						
MW-09	11/1/2003						<5									<10	<5						
MW-09	5/1/2004						<5									<10	<5						
MW-09	11/1/2004						<5									<10	<5						
MW-09	5/1/2005						<5									<10	<5						
MW-09	11/1/2005						<5									<10	16						
MW-09	5/1/2006						5.4									<10	<5						
MW-09	11/1/2006						<5									<10	<5						
MW-09	5/1/2007						<5									<10	<5						
MW-09	11/1/2007						<5									<10	<5						
MW-09	5/1/2008						<5									<10	<5						
MW-09	11/1/2008						<5									<10	<5						
MW-09	2/1/2009						<									<10	<5						
MW-09	5/1/2009						<									<10	<5						
MW-09	8/1/2009						<									<10	<5						
MW-09	11/1/2009						<5									<5	<5						
MW-09	5/1/2010						<5									<5	<5						
MW-09	11/1/2010						<5									<5	<5						
MW-09	5/24/2011	<5	<5	<5	<5	<10	<5	<10	98	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	11/11/2011	<5	<5	<5	<5	<10	<5	<10	94	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	5/14/2012	<5	<5	<5	<5	<10	<5	<10	120	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	11/14/2012	<5	<5	<5	<5	<10	<5	<10	250	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	5/15/2013	<5	<5	<5	<5	<10	<5	<10	34	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	10/10/2013	<5	<5	<5	<5	<10	<5	<10	20	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	5/27/2014	<5	<5	<5	<5	<10	<5	<10	13	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	11/21/2014	<5	<5	<5	<5	<10	<5	<10	17	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	5/20/2015	<5	<5	<5	<5	<10	<5	<10	64	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-09	11/19/2015	<5	<5	<5	<5	<10	<5	<10	9.1	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	1/1/2002						8									<5	<5						
MW-10	6/1/2002						8									<5	<2						
MW-10	9/1/2002						8									<5	<2						
MW-10	12/1/2002						<5									<10	<5						
MW-10	5/1/2003						<5									<5	<5						
MW-10	11/1/2003						<5									<10	<5						
MW-10	5/1/2004						<5									<10	<5						
MW-10	11/1/2004						<5									<10	<5						
MW-10	5/1/2005						<5									<10	<5						
MW-10	11/1/2005						<5									<10	11						
MW-10	5/1/2006						5.1									<10	<5						
MW-10	11/1/2006						<5									<10	<5						
MW-10	5/1/2007						<5									<10	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-10	11/1/2007						<5									<10	<5						
MW-10	5/1/2008						<5									<10	<5						
MW-10	11/1/2008						<5									<10	<5						
MW-10	2/1/2009						<									<10	<5						
MW-10	5/1/2009						5.3									<10	<5						
MW-10	8/1/2009						<5									<10	<5						
MW-10	11/1/2009						<5									<5	<5						
MW-10	5/1/2010						<5									<5	<5						
MW-10	11/1/2010						<5									<5	<5						
MW-10	5/24/2011	<5	<5	<5	<5	<10	<5	<10	37	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	11/11/2011	<5	<5	<5	<5	<10	<5	<10	20	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	5/15/2012	<5	<5	<5	<5	<10	<5	<10	18	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	11/14/2012	<5	<5	<5	<5	<10	<5	<10	6	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	5/15/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	10/10/2013	<5	<5	<5	<5	<10	<5	<10	11	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	5/27/2014	<5	<5	<5	<5	<10	<5	<10	5.8	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	11/21/2014	<5	<5	<5	5.5	<10	<5	<10	5.3	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	5/20/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-10	11/19/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	1/1/2002						<5									<5	<5						
MW-11	6/1/2002						2									<5	<2						
MW-11	9/1/2002																						
MW-11	12/1/2002						<5									<10	<5						
MW-11	5/1/2003						<5									<5	<5						
MW-11	11/1/2003						<5									<10	<5						
MW-11	5/1/2004						<5									<10	<5						
MW-11	11/1/2004						<5									<10	<5						
MW-11	5/1/2005						<5									<10	<5						
MW-11	11/1/2005						<5									<10	<5						
MW-11	5/1/2006						<5									<10	<5						
MW-11	11/1/2006						<5									<10	<5						
MW-11	5/1/2007						<5									<10	<5						
MW-11	11/1/2007						<5									<10	<5						
MW-11	5/1/2008						<5									<10	<5						
MW-11	11/1/2008						<5									<10	<5						
MW-11	2/1/2009						<5									<10	<5						
MW-11	5/1/2009						<5									<10	<5						
MW-11	8/1/2009						<5									<10	<5						
MW-11	11/1/2009						<5									<5	<5						
MW-11	5/1/2010						<5									<5	<5						
MW-11	11/1/2010						<5									<5	<5						
MW-11	5/23/2011	<5	<5	<5	<5	<10	<5	<10	81	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-11	11/9/2011	<5	<5	<5	<5	<10	<5	<10	47	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	5/8/2012	<5	<5	<5	<5	<10	<5	<10	60	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	11/13/2012	<5	<5	<5	<5	<10	<5	<10	48	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	5/15/2013	<5	<5	<5	<5	<10	<5	<10	50	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	10/9/2013	<5	<5	<5	<5	<10	<5	<10	26	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	5/28/2014	<5	<5	<5	<5	<10	<5	<10	9.6	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	11/20/2014	<5	<5	<5	<5	<10	<5	<10	7.6	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	5/18/2015	<5	<5	<5	<5	<10	<5	<10	6.6	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	11/19/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-11	1/17/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	1/1/2002						<5									<5	<5						
MW-12	6/1/2002						<2									<5	<2						
MW-12	12/1/2002						<5									<10	<5						
MW-12	5/1/2003						<5									<5	<5						
MW-12	11/1/2003						<5									<10	<5						
MW-12	5/1/2004						<5									<10	<5						
MW-12	11/1/2004						<5									<10	<5						
MW-12	5/1/2005						<5									<10	<5						
MW-12	11/1/2005						<5									<10	<5						
MW-12	5/1/2006						5.1									<10	<5						
MW-12	11/1/2006						6									<10	<5						
MW-12	5/1/2007						<5									<10	<5						
MW-12	11/1/2007						<5									<10	<5						
MW-12	5/1/2008						<5									<10	<5						
MW-12	11/1/2008						<5									<10	<5						
MW-12	2/1/2009						5.2									<10	<5						
MW-12	5/1/2009						5.8									<10	<5						
MW-12	8/1/2009						7.4									<10	<5						
MW-12	11/1/2009						5.4									<5	<5						
MW-12	5/1/2010						7									<5	<5						
MW-12	10/1/2010						<5									<5	<5						
MW-12	11/1/2010						<5									<5	<5						
MW-12	5/23/2011	<5	<5	<5	<5	<10	<5	<10	480	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	11/9/2011	<5	<5	<5	<5	<10	<5	<10	190	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	5/8/2012	<5	<5	<5	<5	<10	<5	<10	240	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	11/13/2012	<5	<5	<5	<5	<10	<5	<10	250	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	5/15/2013	<5	<5	<5	<5	<10	<5	<10	240	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	10/9/2013	<5	<5	<5	<5	<10	<5	<10	510	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	5/27/2014	<5	<5	<5	<5	<10	<5	<10	130	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	11/19/2014	<5	<5	<5	<5	<10	<5	<10	33	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	5/18/2015	<5	<5	<5	<5	<10	<5	<10	39	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-12	11/19/2015	<5	<5	<5	<5	<10	<5	<10	47	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-13	1/1/2002						<5									<5	<5						
MW-13	6/1/2002						<2									<5	<2						
MW-13	9/1/2002																						
MW-13	12/1/2002						<5									<10	<5						
MW-13	5/1/2003						<5									<5	<5						
MW-13	11/1/2003						<5									<10	<5						
MW-13	5/1/2004						<5									<10	<5						
MW-13	11/1/2004						<5									<10	<5						
MW-13	5/1/2005						<5									<10	<5						
MW-13	11/1/2005						<5									<10	<5						
MW-13	5/1/2006						<5									<10	<5						
MW-13	11/1/2006						<5									<10	<5						
MW-13	5/1/2007						<5									<10	<5						
MW-13	11/1/2007						<5									<10	<5						
MW-13	5/1/2008						<5									<10	<5						
MW-13	11/1/2008						<5									<10	<5						
MW-13	11/1/2009						<5									<5	<5						
MW-13	5/1/2010						<5									<5	<5						
MW-13	11/1/2010						<5									<5	<5						
MW-13	5/23/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	11/10/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	5/10/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	11/13/2012	<5	<5	<5	<5	<10	6.1	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	5/15/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	10/9/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	5/21/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	11/19/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	5/18/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-13	11/19/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	1/1/2002						<5									<5	<5						
MW-14	6/1/2002						<2									<5	<2						
MW-14	12/1/2002						<5									<10	<5						
MW-14	5/1/2003						<5									<5	<5						
MW-14	11/1/2003						<5									<10	<5						
MW-14	5/1/2004						<5									<10	<5						
MW-14	11/1/2004						<5									<10	<5						
MW-14	5/1/2005						<5									<10	<5						
MW-14	11/1/2005						<5									<10	<5						
MW-14	5/1/2006						<5									<10	<5						
MW-14	11/1/2006						<5									<10	<5						
MW-14	5/1/2007						<5									<10	<5						
MW-14	11/1/2007						<5									<10	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-14	5/1/2008						<5									<10	<5						
MW-14	11/1/2008						<5									<10	<5						
MW-14	2/1/2009						<5									<10	<5						
MW-14	5/1/2009						<5									<10	<5						
MW-14	8/1/2009						<5									<10	<5						
MW-14	11/1/2009						<5									<5	<5						
MW-14	5/1/2010						<5									<5	<5						
MW-14	10/1/2010						<5									<5	<5						
MW-14	11/1/2010						<5									<5	<5						
MW-14	5/23/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	11/10/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	5/10/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	11/13/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	5/15/2013	<5	<5	<5	<5	<10	5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	10/9/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	5/21/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	11/19/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	5/18/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-14	11/17/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	1/1/2002						<5									<5	<5						
MW-15	6/1/2002						<2									<5	<2						
MW-15	9/1/2002																						
MW-15	12/1/2002						<5									<10	<5						
MW-15	5/1/2003						<5									<10	<5						
MW-15	11/1/2003						<5									<10	<5						
MW-15	5/1/2004						<5									<10	<5						
MW-15	11/1/2004						<5									<10	<5						
MW-15	5/1/2005						<5									<10	<5						
MW-15	11/1/2005						<5									<10	<5						
MW-15	5/1/2006						<5									<10	<5						
MW-15	11/1/2006						<5									<10	<5						
MW-15	5/1/2007						<5									<10	<5						
MW-15	11/1/2007						<5									<10	<5						
MW-15	5/1/2008						<5									<10	<5						
MW-15	11/1/2008						<5									<10	<5						
MW-15	2/1/2009						<5									<10	<5						
MW-15	5/1/2009						<5									<10	<5						
MW-15	8/1/2009						<5									<10	<5						
MW-15	11/1/2009						<5									<5	<5						
MW-15	5/1/2010						<5									<5	<5						
MW-15	10/1/2010						<5									<5	<5						
MW-15	11/1/2010						<5									<5	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-15	5/23/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	11/9/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	5/8/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	11/13/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	5/13/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	10/9/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	5/21/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	11/19/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	5/19/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-15	11/12/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	1/1/2002						<5									<5	<5						
MW-16	6/1/2002						<2									<5	<2						
MW-16	9/1/2002																						
MW-16	12/1/2002						<5									<10	<5						
MW-16	5/1/2003						<5									<5	<5						
MW-16	11/1/2003						<5									<10	<5						
MW-16	5/1/2004						<5									<10	<5						
MW-16	11/1/2004						<5									<10	6						
MW-16	5/1/2005						<5									<10	<5						
MW-16	11/1/2005						<5									<10	<5						
MW-16	5/1/2006						<5									<10	<5						
MW-16	11/1/2006						<5									<10	<5						
MW-16	5/1/2007						<5									<10	<5						
MW-16	11/1/2007						<5									<10	<5						
MW-16	5/1/2008						<5									<5	<5						
MW-16	11/1/2008						<5									<10	<5						
MW-16	2/1/2009						<5									<10	<5						
MW-16	5/1/2009						<5									<10	<5						
MW-16	8/1/2009						<5									<10	<5						
MW-16	11/1/2009						<5									<10	<5						
MW-16	5/1/2010						<5									<5	<5						
MW-16	11/1/2010						<5									<5	<5						
MW-16	5/23/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	11/9/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	5/8/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	11/13/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	5/13/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	10/9/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	5/21/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	11/19/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	5/19/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-16	11/12/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-17	1/1/2002						<5									<5	86						
MW-17	6/1/2002						6									<5	13						
MW-17	9/1/2002						<6									<5	<2						
MW-17	12/1/2002						<5									<10	<5						
MW-17	5/1/2003						<5									<10	<5						
MW-17	11/1/2003						<5									<10	<5						
MW-17	5/1/2004						<5									<10	9						
MW-17	11/1/2004						<5									<10	<5						
MW-17	5/1/2005						<5									<10	<5						
MW-17	11/1/2005						<5									<10	<5						
MW-17	5/1/2006						<5									<10	<5						
MW-17	11/1/2006						<5									<10	<5						
MW-17	5/1/2007						<5									<10	<5						
MW-17	11/1/2007						<5									<10	<5						
MW-17	5/1/2008						<5									<10	9.7						
MW-17	11/1/2008						<5									<10	5.1						
MW-17	2/1/2009						<5									<5	<5						
MW-17	5/1/2009						5.8									<5	<5						
MW-17	8/1/2009						7.4									<5	7.9						
MW-17	11/1/2009						5.4									<5	15						
MW-17	5/1/2010						<5									<5	21						
MW-17	11/1/2010						<5									<5	14						
MW-17	5/24/2011	<5	<5	<5	<5	<10	<5	<10	130	<5	<5		<5		<5	<5	110		<5	<10	<10		<5
MW-17	11/10/2011	<5	<5	<5	<5	<10	<5	<10	26	<5	1100		<5		<5	<5	71		<5	<10	<10		<5
MW-17	5/14/2012	<5	<5	<5	<5	<10	<5	<10	61	<5	1400		<5		<5	<5	88		<5	<10	<10		<5
MW-17	11/15/2012	<5	<5	<5	<5	<10	<5	<10	17	<5	540		<5		<5	<5	21		<5	<10	<10		<5
MW-17	5/14/2013	<5	<5	<5	<5	<10	<5	<10	190	<5	2300		<5		<5	<5	140		<5	<10	<10		<5
MW-17	10/7/2013	<5	<5	<5	<5	<10	<5	<10	19	<5	1300		<5		<5	<5	61		<5	<10	<10		<5
MW-17	5/21/2014	<5	<5	<5	<5	<10	<5	<10	15	<5	830		<5		<5	<5	89		<5	<10	<10		<5
MW-17	11/24/2014	<5	<5	<5	<5	<10	<5	<10	17	<5	1600		<5		<5	<5	100		<5	<10	<10		<5
MW-17	5/19/2015	<5	<5	<5	<5	<10	<5	<10	11	<5	1000		<5		<5	<5	55		<5	<10	<10		<5
MW-17	11/12/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-17	1/18/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	21		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	1/1/2002						<5									<5	<5						
MW-18	6/1/2002						10									<5	<2						
MW-18	9/1/2002																						
MW-18	12/1/2002						5.9									<10	<5						
MW-18	5/1/2003						<5									<10	<5						
MW-18	11/1/2003						<5									<10	<5						
MW-18	5/1/2004						6									<10	<5						
MW-18	11/1/2004						<5									<10	<5						
MW-18	5/1/2005						<5									<10	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-18	11/1/2005						9									<10	<5						
MW-18	5/1/2006						6.3									<10	<5						
MW-18	11/1/2006						8									<10	<5						
MW-18	5/1/2007						6									<10	<5						
MW-18	11/1/2007						<5									<10	<5						
MW-18	5/1/2008						5.6									<5	<5						
MW-18	11/1/2008						11									<10	<5						
MW-18	5/1/2009						8.1									<	<5						
MW-18	8/1/2009						<5									<	<5						
MW-18	11/1/2009						9.1									<5	<5						
MW-18	5/1/2010						5.4									<5	<5						
MW-18	11/1/2010						7.2									<5	<5						
MW-18	5/23/2011	<5	<5	<5	<5	<10	5.9	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	11/8/2011	<5	<5	<5	<5	<10	8.2	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	5/8/2012	<5	<5	<5	<5	<10	8.1	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	11/16/2012	<5	<5	<5	<5	<10	9.5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	5/14/2013	<5	<5	<5	<5	<10	6.7	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	10/10/2013	<5	<5	<5	<5	<10	6.6	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	5/20/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	11/18/2014	<5	<5	<5	<5	<10	5.2	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	5/15/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-18	11/12/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	1/1/2002						<5									<5	<5						
MW-19	6/1/2002						2									<5	<2						
MW-19	9/1/2002																						
MW-19	12/1/2002						<5									<10	<5						
MW-19	5/1/2003						<5									<10	<5						
MW-19	11/1/2003						<5									<10	<5						
MW-19	5/1/2004						<5									<10	<5						
MW-19	11/1/2004						<5									<10	<5						
MW-19	5/1/2005						<5									<10	<5						
MW-19	11/1/2005						<5									<10	<5						
MW-19	5/1/2006						<5									<10	<5						
MW-19	11/1/2006						<5									<10	<5						
MW-19	5/1/2007						<5									<10	<5						
MW-19	11/1/2007						<5									<10	<5						
MW-19	5/1/2008						<5									<10	<5						
MW-19	11/1/2008						5.5									<10	<5						
MW-19	2/1/2009						<5									<10	<5						
MW-19	5/1/2009						5.1									<10	<5						
MW-19	8/1/2009						<5									<10	<5						
MW-19	11/1/2009						<5									<5	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-19	5/1/2010						<5									<5	<5						
MW-19	11/1/2010						<5									<5	<5						
MW-19	5/23/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	11/10/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	5/10/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	11/13/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	5/14/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	10/9/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	5/21/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	11/19/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	5/18/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-19	11/17/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	1/1/2002						<5									561	<5						
MW-20	6/1/2002						4									<5	<2						
MW-20	12/1/2002						<5									<10	<5						
MW-20	5/1/2003						<5									<5	<5						
MW-20	11/1/2003						<5									<10	<5						
MW-20	5/1/2004						<5									<10	<5						
MW-20	11/1/2004						<5									<10	<5						
MW-20	5/1/2005						<5									<10	<5						
MW-20	11/1/2005						<5									<10	11						
MW-20	5/1/2006						<5									<10	<5						
MW-20	11/1/2006						<5									<10	<5						
MW-20	5/1/2007						<5									<10	<5						
MW-20	11/1/2007						<5									<10	<5						
MW-20	5/1/2008						<5									<10	<5						
MW-20	11/1/2008						<5									<10	<5						
MW-20	2/1/2009						<5									<10	<5						
MW-20	5/1/2009						<5									<10	<5						
MW-20	8/1/2009						<5									<10	<5						
MW-20	11/1/2009						<5									<5	<5						
MW-20	5/1/2010						<5									<5	<5						
MW-20	11/1/2010						<5									<5	<5						
MW-20	5/24/2011	<5	<5	<5	<5	<10	<5	<10	6.2	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	11/11/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	5/15/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	11/14/2012	<5	<5	<5	<5	<10	<5	<10	11	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	5/15/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	10/10/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	5/27/2014	<5	<5	<5	<5	<10	<5	<10	52	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	11/21/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	5/20/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-20	11/19/2015	<5	<5	<5	<5	<10	<5	<10	28	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-20	1/18/2017	<5	<5	<5	<5	<10	<5	<10	9.3	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	1/1/2002						6									<5	3610						
MW-21	12/1/2002						<5									<10	197						
MW-21	5/1/2003						<5									<10	<5						
MW-21	11/1/2003						<5									<10	290						
MW-21	5/1/2004						<5									<10	<5						
MW-21	11/1/2004						<5									<10	37						
MW-21	5/1/2005						<5									<10	81						
MW-21	11/1/2005						8									<10	93						
MW-21	5/1/2006						8.8									<10	<5						
MW-21	11/1/2006						<5									<10	6						
MW-21	11/1/2007						<5									<10	6						
MW-21	5/1/2008						<5									<10	25						
MW-21	11/1/2009						<5									<5	<5						
MW-21	5/1/2010						<5									<5	<5						
MW-21	11/1/2010						<5									<5	6						
MW-21	5/24/2011	<5	<5	<5	<5	<10	<5	<10	1100	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	11/9/2011	<5	<5	<5	<5	<10	<5	<10	1400	<5	93		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	5/16/2012	<5	<5	<5	<5	<10	<5	<10	6800	<5	170		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	11/15/2012	<100	<100	<100	<100	<200	<100	<200	9400	<100	190		<100		<100	<100	<100		<100	<200	<200		<100
MW-21	5/14/2013	<5	<5	<5	<5	<10	<5	<10	16000	<5	250		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	10/8/2013	<5	<5	<5	<5	<10	<5	<10	10000	<5	120		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	2/19/2014	<500	<500	<500	<500	<1000	<500	<1000	13000	<500	<500		<500		<500	<500	<500		<500	<1000	<1000		<500
MW-21	5/29/2014	<5	<5	<5	<5	<10	<5	<10	9300	<5	110		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	11/25/2014	<5	<5	<5	<5	<10	<5	<10	7800	<5	120		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	2/18/2015	<5	<5	<5	<5	<10	<5	<10	5100	<5	73		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	5/21/2015	<5	<5	<5	<5	<10	<5	<10	1300	<5	24		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	11/16/2015	<5	<5	<5	<5	<10	<5	<10	340	<5	10		<5		<5	<5	<5		<5	<10	<10		<5
MW-21	1/19/2017	<5	<5	<5	<5	<10	<5	<10	4100	<5	59		<5		<5	<5	61		<5	<10	<10		<5
MW-22	1/1/2002						<5									<5	<5						
MW-22	6/1/2002						<2									<5	<2						
MW-22	9/1/2002																						
MW-22	12/1/2002						<5									<10	<5						
MW-22	5/1/2003						<5									<10	<5						
MW-22	11/1/2003						<5									<10	<5						
MW-22	5/1/2004						<5									<10	<5						
MW-22	11/1/2004						<5									<10	<5						
MW-22	5/1/2005						<5									<10	<5						
MW-22	11/1/2005						<5									<10	<5						
MW-22	5/1/2006						<5									<10	<5						
MW-22	11/1/2006						<5									<10	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-22	5/1/2007						<5									<10	<5						
MW-22	11/1/2007						<5									<10	<5						
MW-22	5/1/2008						<5									<10	<5						
MW-22	11/1/2008						<5									<10	<5						
MW-22	2/1/2009						<5									<10	<5						
MW-22	5/1/2009						<5									<10	<5						
MW-22	8/1/2009						<5									<10	<5						
MW-22	11/1/2009						<5									<5	<5						
MW-22	5/1/2010						<5									<5	<5						
MW-22	11/1/2010						<5									<5	<5						
MW-22	5/23/2011	<5	<5	<5	<5	<10	<5	<10	8.4	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	11/9/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	5/8/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	11/15/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	5/15/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	10/9/2013	<5	<5	<5	<5	<10	<5	<10	5.1	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	5/28/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	11/19/2014	<5	<5	<5	<5	<10	<5	<10	15	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	5/18/2015	<5	<5	<5	<5	<10	<5	<10	6.5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-22	11/19/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-23	1/1/2002						<5									<5	<5						
MW-23	6/1/2002						3									<5	<2						
MW-23	9/1/2002																						
MW-23	12/1/2002						<5									<10	<5						
MW-23	5/1/2003						<5									<5	<5						
MW-23	11/1/2003						<5									<10	<5						
MW-23	5/1/2004						<5									<10	<5						
MW-23	11/1/2004						<5									<10	<5						
MW-23	5/1/2005						<5									<10	<5						
MW-23	11/1/2005						5									<10	<5						
MW-23	5/1/2006						<5									<10	<5						
MW-23	11/1/2006						<5									<10	<5						
MW-23	5/1/2007						<5									<10	<5						
MW-23	11/1/2007						<5									<10	<5						
MW-23	5/1/2008						<5									<10	<5						
MW-23	11/1/2008						<5									<10	<5						
MW-23	5/1/2009						<5									<10	<5						
MW-23	8/1/2009						<5									<10	<5						
MW-23	11/1/2009						<5									<5	<5						
MW-23	5/1/2010						<5									<5	<5						
MW-23	11/1/2010						<5									<5	<5						
MW-23	5/23/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		14	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-23	11/8/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		11	<10	<10		<5
MW-23	5/8/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		14	<10	<10		<5
MW-23	5/15/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		14	<10	<10		<5
MW-23	10/10/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		11	<10	<10		<5
MW-23	5/20/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-23	11/18/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		12	<10	<10		<5
MW-23	5/15/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-23	11/11/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		12	<10	<10		<5
MW-24	1/1/2002						<5									<5	<5						
MW-24	6/1/2002						<2									<5	<2						
MW-24	9/1/2002																						
MW-24	12/1/2002						<5									<10	<5						
MW-24	5/1/2003						<5									<5	<5						
MW-24	11/1/2003						<5									<10	<5						
MW-24	5/1/2004						<5									<10	<5						
MW-24	11/1/2004						<5									<10	<5						
MW-24	5/1/2005						<5									<10	<5						
MW-24	11/1/2005						<5									<10	<5						
MW-24	5/1/2006						<5									<10	<5						
MW-24	11/1/2006						<5									<10	<5						
MW-24	5/1/2007						<5									<10	<5						
MW-24	11/1/2007						<5									<10	<5						
MW-24	5/1/2008						<5									<5	<5						
MW-24	11/1/2008						<5									<5	<5						
MW-24	5/1/2009						<									<	<						
MW-24	8/1/2009						<									<	<						
MW-24	11/1/2009						<									<5	<5						
MW-24	5/1/2010						<5									<5	<5						
MW-24	11/1/2010						<5									<5	<5						
MW-24	5/23/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		15	<10	<10		<5
MW-24	11/8/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		6.2	<10	<10		<5
MW-24	5/8/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-24	11/16/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-24	5/14/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-24	10/10/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-24	5/20/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-24	11/19/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-24	5/15/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-24	11/11/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	1/1/2002						<5									<5	<5						
MW-25	6/1/2002						<2									<5	<2						
MW-25	9/1/2002																						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-25	12/1/2002						<5									<10	<5						
MW-25	5/1/2003						<5									<5	<5						
MW-25	11/1/2003						<5									<10	<5						
MW-25	5/1/2004						<5									<10	<5						
MW-25	11/1/2004						<5									<10	<5						
MW-25	5/1/2005						<5									<10	<5						
MW-25	11/1/2005						<5									<10	<5						
MW-25	5/1/2006						<5									<10	<5						
MW-25	11/1/2006						<5									<10	<5						
MW-25	5/1/2007						<5									<10	<5						
MW-25	11/1/2007						<5									<10	<5						
MW-25	5/1/2008						<5									<10	<5						
MW-25	11/1/2008						<5									<10	<5						
MW-25	2/1/2009						<									<	<						
MW-25	5/1/2009						<									<	<						
MW-25	8/1/2009						<									<	<						
MW-25	11/1/2009						<5									<5	<5						
MW-25	5/25/2011	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	5/10/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	11/19/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	5/15/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	10/10/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	5/29/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	11/25/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	5/21/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-25	11/20/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	5/1/2010						18									<5	<5						
MW-26	11/1/2010						7.8									<5	<5						
MW-26	5/24/2011	<5	<5	<5	<5	<10	11	<10	200	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	11/10/2011	<5	<5	<5	<5	<10	6.7	<10	110	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	5/15/2012	<5	<5	<5	<5	<10	<5	<10	30	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	11/14/2012	<5	<5	<5	<5	<10	<5	<10	7	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	5/15/2013	<5	<5	<5	<5	<10	<5	<10	47	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	10/7/2013	<5	<5	<5	<5	<10	<5	<10	200	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	2/18/2014	<5	<5	<5	<5	<10	<5	<10	95	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	5/23/2014	<5	<5	<5	<5	<10	<5	<10	53	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	11/20/2014	<5	<5	<5	<5	<10	<5	<10	120	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	5/19/2015	<5	<5	<5	<5	<10	<5	<10	160	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	11/16/2015	<5	<5	<5	<5	<10	<5	<10	42	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-26	1/18/2017	<5	<5	<5	<5	<10	<5	<10	530	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	5/1/2010						5.2									<5	<5						
MW-27	11/1/2010						7									<5	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-27	5/24/2011	<5	<5	<5	<5	<10	<5	<10	2900	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	11/10/2011	<5	<5	<5	<5	<10	<5	<10	3000	<5	27		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	5/15/2012	<5	<5	<5	<5	<10	<5	<10	3900	<5	40		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	11/14/2012	<5	<5	<5	<5	<10	<5	<10	2300	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	5/16/2013	<5	<5	<5	<5	<10	<5	<10	4000	<5	8.4		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	10/10/2013	<5	<5	<5	<5	<10	<5	<10	2800	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	2/19/2014	<5	<5	<5	<5	<10	<5	<10	2700	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	5/23/2014	<5	<5	<5	<5	<10	<5	<10	870	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	11/20/2014	<5	<5	<5	<5	<10	<5	<10	1100	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	5/19/2015	<5	<5	<5	<5	<10	<5	<10	870	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-27	11/16/2015	<5	<5	<5	<5	<10	<5	<10	630	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	5/1/2010						7.6									<5	<5						
MW-28	11/1/2010						<5									<5	<5						
MW-28	5/24/2011	<5	<5	<5	<5	<10	<5	<10	160	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	11/10/2011	<5	<5	<5	<5	<10	<5	<10	160	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	5/16/2012	<5	<5	<5	<5	<10	<5	<10	210	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	11/15/2012	<5	<5	<5	<5	<10	<5	<10	160	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	5/16/2013	<5	<5	<5	<5	<10	<5	<10	340	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	10/9/2013	<5	<5	<5	<5	<10	<5	<10	700	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	5/28/2014	<5	<5	<5	<5	<10	<5	<10	1100	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	11/20/2014	<5	<5	<5	<5	<10	<5	<10	2000	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	5/19/2015	<5	<5	<5	<5	<10	<5	<10	1500	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	11/20/2015	<5	<5	<5	<5	<10	<5	<10	1900	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-28	1/20/2017	<5	<5	<5	<5	<10	<5	<10	2500	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	5/1/2010						<5									<5	<5						
MW-29	11/1/2010						<5									<5	<5						
MW-29	5/24/2011	<5	<5	<5	<5	<10	<5	<10	470	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	11/11/2011	<5	<5	<5	<5	<10	<5	<10	310	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	5/16/2012	<5	<5	<5	<5	<10	<5	<10	530	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	11/15/2012	<5	<5	<5	<5	<10	<5	<10	250	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	5/16/2013	<5	<5	<5	<5	<10	<5	<10	340	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	10/9/2013	<5	<5	<5	<5	<10	<5	<10	610	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	5/28/2014	<5	<5	<5	<5	<10	<5	<10	1700	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	11/20/2014	<5	<5	<5	<5	<10	<5	<10	2900	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	5/19/2015	<5	<5	<5	<5	<10	<5	<10	2000	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-29	11/20/2015	<5	<5	<5	<5	<10	<5	<10	2000	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-30	10/8/2013	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-30	5/27/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-30	11/24/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	15		<5		<5	<5	21		<5	<10	<10		<5
MW-30	5/19/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-30	11/12/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-31	10/8/2013	<5	<5	<5	<5	<10	<5	<10	8.4	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-31	5/27/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	6.1		<5		<5	<5	<5		<5	<10	<10		<5
MW-31	11/20/2014	<5	<5	<5	<5	<10	<5	<10	6	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-31	5/19/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-31	11/12/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-32	10/8/2013	<5	<5	8.2	<5	<10	<5	<10	6.5	<5	22		<5		<5	10	280		<5	<10	<10		7.5
MW-32	2/19/2014	<5000	<5000	<5000	<5000	<10000	<5000	<10000	<5000	<5000	<5000		<5000		<5000	<5000	<5000		<5000	<10000	<10000		<5000
MW-32	4/16/2014	<500	<500	<500	<500	<1000	<500	<1000	<500	<500	<500		<500		<500	<500	<500		<500	<1000	<1000		<500
MW-32	5/30/2014	<5	<5	11	44	<10	<5	<10	15	<5	40		<5		<5	47	510		<5	<10	<10		7
MW-32	11/20/2014	<5	<5	<5	<5	<10	6.6	<10	14	<5	<5		<5		<5	130	580		<5	<10	<10		6.6
MW-32	2/18/2015	<2500	<2500	<2500	<2500	<5000	<2500	<5000	<2500	<2500	<2500		<2500		<2500	<2500	<2500		<2500	<5000	<5000		<2500
MW-32	5/15/2015	<25000	<25000	<25000	<25000	<50000	<25000	<50000	<25000	<25000	<25000		<25000		<25000	<25000	<25000		<25000	<50000	<50000		<25000
MW-32	11/17/2015	<50	<50	<50	<50	<100	<50	<100	460	<50	<50		<50		<50	<50	<50		<50	<100	<100		<50
MW-32	1/19/2017	<5	<5	<5	<5	<10	<5	<10	520	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-33	10/8/2013	<5	<5	<5	<5	<10	<5	<10	1100	<5	55		<5		<5	<5	170		<5	<10	<10		<5
MW-33	5/29/2014	<5	<5	<5		<10	<5	<10	1700	<5	49				<5	<5	300		<5		<10		
MW-33	11/24/2014	<5	<5	<5	<5	<10	<5	<10	660	<5	81		<5		<5	<5	420		<5	<10	<10		8.8
MW-33	5/21/2015	<5	<5	<5	<5	<10	<5	<10	4500	<5	110		<5		<5	<5	290		<5	<10	<10		6.7
MW-33	11/16/2015	<5	<5	<5	<5	<10	<5	<10	28	<5	7.5		<5		<5	<5	7.2		<5	<10	<10		<5
MW-34	4/16/2014	<5	<5	<5	<5	<10	<5	<10	7	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-34	11/24/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-34	2/18/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-34	5/21/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-34	11/16/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		5.4	<10	<10		<5
MW-35	4/16/2014	<250	<250	<250	<250	<500	<250	<500	<250	<250	<250		<250		<250	<250	<250		<250	<500	<500		<250
MW-35	11/24/2014	<500	<500	<500	<500	<1000	<500	<1000	<500	<500	<500		<500		<500	<500	<500		<500	<1000	<1000		<500
MW-35	2/18/2015	<5	<5	<5	<5	<10	<5	<10	45	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-35	5/21/2015	<5	<5	<5	<5	<10	<5	<10	230	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-35	11/16/2015	<5	<5	<5	<5	<10	<5	<10	110	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-36	4/17/2014	<250	<250	<250	<250	<500	<250	<500	1600	<250	<250		<250		<250	<250	<250		<250	<500	<500		<250
MW-36	11/20/2014	<5	<5	<5	<5	<10	<5	<10	9600	<5	<5		<5		<5	<5	11		<5	<10	<10		<5
MW-36	2/18/2015	<5	<5	<5	<5	<10	<5	<10	9200	<5	<5		<5		<5	<5	7		<5	<10	<10		<5
MW-36	5/15/2015	<5	<5	<5	<5	<10	<5	<10	18000	<5	<5		<5		<5	<5	14		<5	<10	<10		<5
MW-36	11/17/2015	<50	<50	<50	<50	<100	<50	<100	15000	<50	<50		<50		<50	<50	<50		<50	<100	<100		<50
MW-37	1/6/2016	<5	<5	<5	<5	<10	<5	<10	520	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-37	1/17/2017	<5	<5	<5	<5	<10	<5	<10	2500	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-38	1/6/2016	<5	<5	<5	<5	<10	<5	<10	11	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-38	1/17/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-39	6/23/2016	<5	<5	<5	<5	<10	13	<10	22	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
MW-39	1/17/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-40	6/23/2016	<5	<5	<5	<5	<10	<5	<10	27	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
MW-40	1/17/2017	<5	<5	<5	<5	<10	<5	<10	94	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-41	6/23/2016	<5	<5	<5	<5	<10	5.4	<10	9600	<5	24		<5		<5	120	740		<5	<10	<10		6.9

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
MW-41	1/17/2017	<500	<500	<500	<500	<1000	<500	<1000	25000	<500	<500		<500		<500	<500	1100		<500	<1000	<1000		<500
MW-42	6/23/2016	<5	<5	<5	<5	<10	18	<10	<5	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
MW-42	1/17/2017	<5	<5	<5	<5	<10	6.2	<10	36	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-43	6/23/2016	<5	<5	<5	<5	<10	<5	<10	110	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
MW-44	6/23/2016	<5	<5	<5	<5	<10	<5	<10	2700	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
MW-45	6/23/2016	<5	<5	<5	<5	<10	<5	<10	360	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
MW-45	1/17/2017	<5	<5	<5	<5	<10	<5	<10	300	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-46	6/23/2016	<5	<5	<5	<5	<10	6.4	<10	500	<5	8.7		<5		<5	<10	200		<5	<10	<10		<5
MW-47	6/23/2016	<5	<5	<5	<5	<10	<5	<10	630	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
MW-48	6/23/2016	<5	<5	<5	<5	<10	<5	<10	680	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
MW-48	1/18/2017	<5	<5	<5	<5	<10	<5	<10	590	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-49	10/7/2016	<5	<5	<5	<5	<10	14	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-50	10/7/2016	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-51	10/7/2016	<5	<5	<5	<5	<10	5.6	<10	900	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-51	1/16/2017	<5	<5	<5	<5	<10	5.9	<10	660	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-52	10/7/2016	<5	<5	<5	<5	<10	8.1	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-52	1/16/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-53	10/7/2016	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-54	10/7/2016	<5	<5	<5	<5	<10	26	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-54	1/16/2017	<5	<5	<5	<5	<10	9.8	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-55	10/7/2016	<5	<5	<5	<5	<10	<5	<10	11	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-55	1/16/2017	<5	<5	<5	<5	<10	<5	<10	8.9	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-56	10/7/2016	<5	<5	<5	<5	<10	<5	<10	36	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-56	1/16/2017	<5	<5	<5	<5	<10	<5	<10	44	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-57	10/7/2016	<5	<5	<5	<5	<10	8.8	<10	100	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
MW-57	1/16/2017	<5	<5	<5	<5	<10	13	<10	49	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-01	1/1/2002						<5									<5	<5						
RW-01	6/1/2002						5									<5	<2						
RW-01	9/1/2002						7									<5	<2						
RW-01	12/1/2002						<5									<10	<5						
RW-01	5/1/2003						<5									<10	<5						
RW-02	1/1/2002						10									110	777						
RW-02	6/1/2002						4									<5	400						
RW-02	9/1/2002						<200									<500	<200						
RW-02	12/1/2002						<5									<10	6.3						
RW-02	5/1/2003						<5									<10	<5						
RW-02	11/1/2003						<5									<10	280						
RW-02	5/1/2004						<5									<10	447						
RW-02	11/1/2004						<5									<10	138						
RW-02	5/1/2005						<5									<10	192						
RW-02	11/1/2005						<5									<10	380						
RW-02	5/1/2006						<5									<10	30						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
RW-02	11/1/2006						<5									<10	48						
RW-02	5/1/2007						<5									<10	7						
RW-02	11/1/2007						<5									<10	45						
RW-02	5/1/2008						<5									<10	62						
RW-02	11/1/2008						<5									<10	<5						
RW-02	2/1/2009						<									<	180						
RW-02	5/1/2009						<									<	<						
RW-02	8/1/2009						<									<	<						
RW-02	11/1/2009						<5									<5	39						
RW-02	5/1/2010						<5									<5	440						
RW-02	11/1/2010						<100									<100	470						
RW-02	11/11/2011	<500	<500	<500	<500	<1000	<500	<1000	12000	<500	<500		<500		<500	<500	<500		<500	<1000	<1000		<500
RW-02	5/8/2012	<5	<5	<5	<5	<10	5.3	<10	12000	<5	120		<5		<5	<5	770		<5	<10	<10		9
RW-02	11/19/2012	<5	<5	<5	<5	<10	<5	<10	1300	<5	18		<5		<5	<5	8.5		<5	<10	<10		<5
RW-02	5/13/2013	<100	<100	<100	<100	<200	<100	<200	4700	<100	<100		<100		<100	<100	<100		<100	<200	<200		<100
RW-02	10/14/2013	<10		<2	<10	<5	3.9	<10	12000	<2			<10		<10	<10	900		<5				
RW-02	5/23/2014	<500	<500	<500	<500	<1000	<500	<1000	5700	<500	<500		<500		<500	<500	<500		<500	<1000	<1000		<500
RW-02	11/25/2014	<5	<5	<5	<5	<10	<5	<10	3600	<5	24		<5		<5	<5	<5		<5	<10	<10		<5
RW-02	2/18/2015	<250	<250	<250	<250	<500	<250	<500	2000	<250	<250		<250		<250	<250	280		<250	<500	<500		<250
RW-02	5/18/2015	<5	<5	<5	<5	<10	<5	<10	480	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-02	11/17/2015	<5	<5	<5	<5	<10	<5	<10	470	<5	43		<5		<5	<5	88		<5	<10	<10		<5
RW-03	1/1/2002						5									<5	<5						
RW-03	6/1/2002						6									<5	<2						
RW-03	9/1/2002						<10									<25	<10						
RW-03	12/1/2002						<5									<10	<5						
RW-03	5/1/2003						<5									<10	<5						
RW-03	11/1/2003						<5									<10	<5						
RW-03	5/1/2004						<5									<10	<5						
RW-03	11/1/2004						<5									<10	<5						
RW-03	5/1/2005						<5									<10	<5						
RW-03	11/1/2005						<5									<10	<5						
RW-03	5/1/2006						<5									<10	<5						
RW-03	11/1/2006						<5									<10	<5						
RW-03	5/1/2007						5									<10	<5						
RW-03	11/1/2007						<5									<10	<5						
RW-03	5/1/2008						<5									<10	<5						
RW-03	11/1/2008						<5									<10	<5						
RW-03	2/1/2009						<5									<10	<5						
RW-03	5/1/2009						<5									<10	<5						
RW-03	8/1/2009						<5									<10	<5						
RW-03	11/1/2009						<5									<5	<5						
RW-03	5/1/2010						<5									<5	<5						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
RW-03	11/1/2010						<5									<5	<5						
RW-03	11/11/2011	<5	<5	<5	<5	<10	<5	<10	220	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-03	5/8/2012	<5	<5	<5	<5	<10	<5	<10	190	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-03	11/19/2012	<5	<5	<5	<5	<10	<5	<10	210	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-03	5/13/2013	<5	<5	<5	<5	<10	<5	<10	100	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-03	10/14/2013	<10		<2	<10	<5	<2	<10	44	<2			<10		<10	<10	<2		<5				
RW-03	5/23/2014	<5	<5	<5	<5	<10	<5	<10	20	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-03	11/17/2014	<5	<5	<5	<5	<10	<5	<10	9	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-03	5/20/2015	<5	<5	<5	<5	<10	<5	<10	15	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-03	11/17/2015	<5	<5	<5	<5	<10	<5	<10	28	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-04	1/1/2002						5									<5	<5						
RW-04	6/1/2002						<2									<5	<2						
RW-04	9/1/2002																						
RW-04	12/1/2002						<5									<10	<5						
RW-04	5/1/2003						<5									<10	<5						
RW-04	11/1/2003						<5									<10	<5						
RW-04	5/1/2004						<5									<10	<5						
RW-04	11/1/2004						<5									<10	<5						
RW-04	5/1/2005						<5									<10	<5						
RW-04	11/1/2005						<5									<10	<5						
RW-04	5/1/2006						<5									<10	<5						
RW-04	11/1/2006						<5									<10	<5						
RW-04	5/1/2007						<5									<10	<5						
RW-04	11/1/2007						<5									<10	<5						
RW-04	5/1/2008						<5									<10	<5						
RW-04	11/1/2008						5									<10	<5						
RW-04	2/1/2009						<									<	<						
RW-04	5/1/2009						<									<	<						
RW-04	8/1/2009						<									<	<						
RW-04	11/1/2009						<5									<5	<5						
RW-04	5/1/2010						<5									<5	<5						
RW-04	11/1/2010						<5									<5	<5						
RW-04	11/9/2011	<5	<5	<5	<5	<10	<5	<10	49	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-04	5/8/2012	<5	<5	<5	<5	<10	<5	<10	63	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-04	11/19/2012	<5	<5	<5	<5	<10	<5	<10	63	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-04	5/13/2013	<5	<5	<5	<5	<10	<5	<10	48	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-04	10/14/2013	<10		<2	<10	<5	<2	<10	8.1	<2			<10		<10	<10	<2		<5				
RW-04	5/23/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-04	11/17/2014	<5	<5	<5	<5	<10	<5	<10	6.6	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-04	5/20/2015	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-05	1/1/2002						<5									<5	<5						
RW-05	6/1/2002						<2									<5	<2						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
RW-05	9/1/2002																						
RW-05	12/1/2002						<5									<10	<5						
RW-06	5/1/2004						<5									<10	<5						
RW-06	11/1/2004						<5									<10	<5						
RW-06	5/1/2005						<5									<10	<5						
RW-06	11/1/2005						<5									<10	<5						
RW-06	5/1/2006						5.8									<10	<5						
RW-06	11/1/2006						<5									<10	<5						
RW-06	5/1/2007						5									<10	<5						
RW-06	11/1/2007						<5									<10	<5						
RW-06	5/1/2008						5.2									<10	<5						
RW-06	11/1/2008						<5									<10	<5						
RW-06	2/1/2009						47									34	<5						
RW-06	5/1/2009						<									15	<5						
RW-06	8/1/2009						<									23	<5						
RW-06	11/1/2009						<5									20	<5						
RW-06	5/1/2010						<5									9.6	<5						
RW-06	11/1/2010						<5									8.8	<5						
RW-06	11/11/2011	<5	<5	<5	<5	<10	<5	<10	180	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-06	5/8/2012	<5	<5	<5	<5	<10	<5	<10	120	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-06	11/19/2012	<5	<5	<5	<5	<10	<5	<10	340	<5	8		<5		<5	<5	<5		<5	<10	<10		<5
RW-06	5/13/2013	<5	<5	<5	<5	<10	<5	<10	210	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-06	10/14/2013	<10		<2	<10	<5	2.8	<10	420	<2			<10		<10	<10	<2		<5				
RW-06	5/23/2014	<5	<5	<5	<5	<10	<5	<10	360	<5	13		<5		<5	<5	<5		<5	<10	<10		<5
RW-06	11/17/2014	<5	<5	<5	<5	<10	<5	<10	370	<5	5.7		<5		<5	<5	<5		<5	<10	<10		<5
RW-06	5/18/2015	<5	<5	<5	<5	<10	<5	<10	210	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-06	11/17/2015	<5	<5	<5	<5	<10	<5	<10	190	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-07	5/1/2004						<5									<10	<5						
RW-07	11/1/2004						<5									<10	<5						
RW-07	5/1/2005						<5									<10	<5						
RW-07	11/1/2005																						
RW-07	5/1/2006						5.6									<10	<5						
RW-07	11/1/2006						<5									<10	<5						
RW-07	5/1/2007						6									<10	<5						
RW-07	11/1/2007						<5									<10	<5						
RW-07	5/1/2008						<5									<10	36						
RW-07	11/1/2008						6.5									<10	<5						
RW-07	2/1/2009						5.7									<	<						
RW-07	5/1/2009						5.1									<	<						
RW-07	8/1/2009						6.6									<	<						
RW-07	11/1/2009						<5									<5	<5						
RW-07	5/1/2010						5.1									<5	850						

Table 1. All Groundwater VOC Results

Location	Date Sampled	Bromo-methane (µg/L)	Carbon disulfide (µg/L)	Carbon tetra-chloride (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloroform (µg/L)	Chloro-methane (µg/L)	cis-1,2-Dichloro-ethene (µg/L)	cis-1,3-Dichloro-propene (µg/L)	Cyclo-hexane (µg/L)	Diallate (µg/L)	Dibromo-chloro-methane (µg/L)	Dibromo-methane (µg/L)	Dichloro-bromo-methane (µg/L)	Dichloro-methane (Methylene chloride) (µg/L)	Ethyl benzene (µg/L)	Ethyl metha-crylate (µg/L)	Freon-11 (µg/L)	Freon-113 (µg/L)	Freon-12 (µg/L)	Isobutyl alcohol (µg/L)	Isopropyl-benzene (µg/L)
RW-07	11/1/2010						<5									<5	31						
RW-07	11/11/2011	<5	<5	<5	<5	<10	<5	<10	33	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-07	5/8/2012	<5	<5	<5	<5	<10	<5	<10	38	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-07	11/19/2012	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-07	5/13/2013	<5	<5	<5	<5	<10	<5	<10	130	<5	<5		<5		<5	<5	8.8		<5	<10	<10		<5
RW-07	10/14/2013	<10		<2	<10	<5	<2	<10	36	<2			<10		<10	<10	<2		<5				
RW-07	5/23/2014	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-07	5/18/2015	<5	<5	<5	<5	<10	5.6	<10	16	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-07	11/17/2015	<5	<5	<5	<5	<10	<5	<10	9.3	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-07	1/18/2017	<5	<5	<5	<5	<10	<5	<10	280	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-08	10/7/2013	<5	<5	<5	<5	<10	<5	<10	1400	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-08	2/19/2014	<5	<5	<5	<5	<10	<5	<10	700	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-08	11/17/2014	<5	<5	<5	<5	<10	<5	<10	9800	<5	74		<5		<5	<5	530		<5	<10	<10		5.6
RW-08	2/18/2015	<5	<5	<5	<5	<10	<5	<10	630	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-08	5/20/2015	<5	<5	<5	<5	<10	<5	<10	830	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
RW-08	11/17/2015	<5	<5	<5	<5	<10	<5	<10	390	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
TW-01	3/3/2016	<5	<5	<5	<5	<10	<5	<10	92	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
TW-01	6/23/2016	<5	<5	<5	<5	<10	<5	<10	230	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
TW-01	1/17/2017	<5	<5	<5	<5	<10	<5	<10	480	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
TW-02	3/3/2016	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
TW-02	6/23/2016	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
TW-02	1/17/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
TW-03	3/3/2016	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5
TW-03	6/23/2016	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<10	<5		<5	<10	<10		<5
TW-03	1/17/2017	<5	<5	<5	<5	<10	<5	<10	<5	<5	<5		<5		<5	<5	<5		<5	<10	<10		<5

< Not detected, detection l

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
DPE-109	2/26/2014	3400		<250				<250	<250			1200				<250		<250		9000	<250
DPE-109	4/25/2014	3700		<5				<5	280			1300				<5		29		12000	<5
DPE-109	2/18/2015	2100		<5				<5	47			790				<5		<5		4100	<5
DPE-118	2/26/2014	310		<5				<5	26			91				<5		<5		770	<5
DPE-118	4/25/2014	1700		<250				<250	<250			570				<250		<250		6700	<250
DPE-118	2/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
DPE-305	2/26/2014	15000		<250				<250	320			4000				<250		<250		99000	<250
DPE-305	4/25/2014	14000		<250				<250	<250			3200				<250		<250		93000	<250
DPE-305	2/18/2015	11000		<2500				<2500	<2500			2600				<2500		<2500		27000	<2500
DPE-307	2/26/2014	2300		<250				<250	360			610				<250		<250		250000	<250
DPE-307	4/25/2014	2000		<250				<250	350			510				<250		<250		200000	<250
DPE-307	2/19/2015	<25000		<25000				<25000	<25000			<25000				<25000		<25000		160000	<25000
DPE-307	1/18/2017	670		<5				<5	110			190				<5		<5		43000	<5
DPE-313	2/26/2014	2600		<5				<5	54			390				<5		<5		64	<5
DPE-313	4/25/2014	1900		<5				<5	29			400				<5		<5		1200	<5
DPE-313	2/19/2015	2600		<5				<5	54			330				<5		<5		890	<5
DPE-408	2/26/2014	2600		<250				<250	530			720				<250		<250		15000	<250
DPE-408	4/25/2014	3500		<250				<250	460			950				<250		<250		18000	<250
DPE-408	2/18/2015	1500		<5				<5	42			440				<5		<5		4100	<5
SP-1	1/5/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-02	1/1/2002																	<5		49140	<5
MW-02	6/1/2002																	<200		51000	<200
MW-02	9/1/2002																	<200		6700	<200
MW-02	12/1/2002																	<5		107000	<5
MW-02	5/1/2003																	<5		<5	<5
MW-02	8/1/2003																	<5		97.2	<5
MW-02	11/1/2003																	<5		4560	<5
MW-02	5/1/2004																	<5		689	804
MW-02	11/1/2004																	<5		37600	<5
MW-02	5/1/2005																	<5		27000	<5
MW-02	11/1/2005																	<5		15000	<5
MW-02	5/1/2006																	<5		4200	<5
MW-02	11/1/2006																	<5		17600	<5
MW-02	5/1/2007																	<5		6900	<5
MW-02	11/1/2007																	<5		24000	<5
MW-02	5/1/2008																	<5		28000	<5
MW-02	5/1/2009																	<		160	<5
MW-02	8/1/2009																	<		440	<5
MW-02	11/1/2009																	<5		3100	<5
MW-02	5/1/2010																	<5		5000	8.5
MW-02	11/1/2010																	<5		3600	<5
MW-02	5/24/2011	1700		<5				<5	890			390				<5		<5		1100	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-02	5/27/2011		<200		<10	<10	<10			<50	<10		<10	<20	<100	<5	<0.5	<5	<10	4400	<5
MW-02	11/10/2011	1800		<5				<5	750			150				<5		<5		350	<5
MW-02	5/16/2012		<200		<10	<10	<10			<50	<10		<10	<20	<100	<5	<0.5	<5	<10	650	<5
MW-02	11/14/2012	1200		<5				<5	190			40				<5		<5		86	<5
MW-02	5/16/2013		<200		<10	<10	<10			<50	<10		<10	<20	<100	<5	<0.5	<5	<10	150	<5
MW-02	10/7/2013	1600		<5				<5	800			75				<5		<5		110	<5
MW-02	5/30/2014		<200		<10	<10	<10			<50	<10		<10	<20	<100	<5	<0.5	<5	<10	280	<5
MW-02	11/24/2014	840		<5				<5	270			48				<5		<5		61	<5
MW-02	5/20/2015	82		<5				<5	160			9.3				<5		<5		18	<5
MW-02	11/13/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-02	1/18/2017	22		<5				<5	83			<5				<5		<5		<5	<5
MW-03	1/1/2002																	<5		<5	<5
MW-03	6/1/2002																	<2		47	<2
MW-03	9/1/2002																	<10		940	<10
MW-03	12/1/2002																	<5		78.9	<5
MW-03	5/1/2003																	<5		<5	<5
MW-03	11/1/2003																	<5		<5	<5
MW-03	5/1/2004																	6		<5	<5
MW-03	11/1/2004																	<5		5600	10
MW-03	5/1/2005																	<5		4900	11
MW-03	11/1/2005																	<5		5400	10
MW-03	5/1/2006																	<5		1800	<5
MW-03	11/1/2006																	<5		396	9
MW-03	5/1/2007																	<5		414	<5
MW-03	11/1/2007																	<5		490	<5
MW-03	5/1/2008																	<5		41	<5
MW-03	11/1/2008																	<5		1700	<5
MW-03	2/1/2009																	<5		2100	<5
MW-03	5/1/2009																	<5		1600	<5
MW-03	8/1/2009																	5.2		4000	<5
MW-03	11/1/2009																	<5		15	<5
MW-03	5/1/2010																	<5		<5	<5
MW-03	11/1/2010																	<5		<5	<5
MW-03	5/24/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-03	11/9/2011	<5		<5				<5	10			<5				<5		<5		<5	<5
MW-03	5/15/2012	<5		<5				<5	8.2			<5				<5		<5		<5	<5
MW-03	11/14/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-03	5/16/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-03	10/8/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-03	5/28/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-03	11/24/2014	14		<5				<5	39			<5				<5		<5		<5	<5
MW-03	5/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-03	11/13/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-04	1/1/2002																	<5		103	<5
MW-04	6/1/2002																	<2		110	<2
MW-04	9/1/2002																	<40		1600	<40
MW-04	12/1/2002																	<5		955	<5
MW-04	5/1/2003																	<5		<5	<5
MW-04	11/1/2003																	<5		1070	<5
MW-04	5/1/2004																	<5		<5	9
MW-04	11/1/2004																	<5		27	<5
MW-04	5/1/2005																	<5		72	<5
MW-04	11/1/2005																	<5		2200	<5
MW-04	5/1/2006																	<5		1200	<5
MW-04	11/1/2006																	<5		1970	<5
MW-04	5/1/2007																	<5		306	<5
MW-04	11/1/2007																	<5		1100	<5
MW-04	5/1/2008																	<5		220	<5
MW-04	11/1/2008																	<5		1300	<5
MW-04	8/1/2009																	<		92	<5
MW-04	11/1/2009																	<5		3600	<5
MW-04	5/1/2010																	<5		700	<5
MW-04	11/1/2010																	<5		<5	<5
MW-04	5/25/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-04	11/11/2011	<5		<5				<5	<5			<5				<5		<5		33	<5
MW-04	5/15/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-04	11/12/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-04	5/16/2013	25		<5				<5	<5			7.1				<5		<5		170	<5
MW-04	10/8/2013	<5		<5				<5	<5			<5				<5		<5		9.4	<5
MW-04	5/29/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-04	11/24/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-04	11/13/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-05	1/1/2002																	<5		131	<5
MW-05	9/1/2002																	<500		580	<500
MW-05	12/1/2002																	<5		34.8	7.6
MW-05	5/1/2003																	8.5		125	<5
MW-05	8/1/2003																	<5		<5	<5
MW-05	11/1/2003																	<5		<5	<5
MW-05	5/1/2004																	<5		140	14
MW-05	11/1/2004																	<5		6700	20
MW-05	5/1/2005																	<5		5900	19
MW-05	11/1/2005																	<5		230	<5
MW-05	5/1/2006																	<5		580	6.5
MW-05	11/1/2006																	<5		72	186

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-05	5/1/2007																	<5		1600	<5
MW-05	11/1/2007																	<5		200	<5
MW-05	5/1/2008																	<5		24	10
MW-05	11/1/2008																	<2500		<2500	<2500
MW-05	2/1/2009																	<5		9	<5
MW-05	5/1/2009																	<5		<5	<5
MW-05	8/1/2009																	<5		<5	<5
MW-05	11/1/2009																	<5		24	<5
MW-05	5/1/2010																	<5		87	<5
MW-05	11/1/2010																	<5		39	8.5
MW-05	5/25/2011	5.6		<5				<5	<5			<5				<5		<5		41	8.5
MW-05	5/27/2011		<200		<10	<10	<10			<50	<10		<10	<20	<100	<5	<0.5	<5	<10	42	6
MW-05	11/11/2011	<500		<500				<500	<500			<500				<500		<500		<500	<500
MW-05	5/15/2012	<5		<5				<5	<5			<5				<5		<5		5.8	7.6
MW-05	11/15/2012	<500		<500				<500	<500			<500				<500		<500		<500	<500
MW-05	5/16/2013	<2500		<2500				<2500	<2500			<2500				<2500		<2500		<2500	<2500
MW-05	5/28/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-05R	4/16/2014	27		<5				<5	24			18				<5		<5		<5	<5
MW-05R	11/24/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-05R	5/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-05R	11/13/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	1/1/2002																	<5		<5	<5
MW-06	6/1/2002																	<2		<2	<2
MW-06	9/1/2002																				
MW-06	12/1/2002																	<5		<5	<5
MW-06	5/1/2003																	<5		<5	<5
MW-06	11/1/2003																	<5		<5	<5
MW-06	5/1/2004																	<5		<5	<5
MW-06	11/1/2004																	<5		<5	<5
MW-06	5/1/2005																	<5		<5	<5
MW-06	11/1/2005																	<5		<5	<5
MW-06	5/1/2006																	<5		<5	<5
MW-06	11/1/2006																	<5		<5	<5
MW-06	5/1/2007																	<5		<5	<5
MW-06	11/1/2007																	<5		<5	<5
MW-06	5/1/2008																	<5		<5	<5
MW-06	11/1/2008																	<5		<5	<5
MW-06	5/1/2009																	<5		<5	<5
MW-06	8/1/2009																	<5		<5	<5
MW-06	11/1/2009																	<5		<5	<5
MW-06	5/1/2010																	<5		<5	<5
MW-06	11/1/2010																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-06	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	11/8/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	11/16/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	5/14/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	10/10/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	5/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	11/18/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	5/15/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-06	11/11/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-07	1/1/2002																	7		1500	<5
MW-07	6/1/2002																	11		2500	<2
MW-07	9/1/2002																	<100		210	<100
MW-07	12/1/2002																	11.8		800	<5
MW-07	5/1/2003																	<5		<5	<5
MW-07	8/1/2003																	<5		3990	<5
MW-07	11/1/2003																	<5		<5	<5
MW-07	5/1/2004																	14		67	896
MW-07	11/1/2004																	<5		41	<5
MW-07	5/1/2005																	<5		197	<5
MW-07	11/1/2005																	8		68	<5
MW-07	5/1/2006																	9.2		190	<5
MW-07	11/1/2006																	8		12	<5
MW-07	5/1/2007																	16		98	<5
MW-07	11/1/2007																	17		82	19
MW-07	5/1/2008																	14		120	<5
MW-07	11/1/2008																	<5000		<5000	<5000
MW-07	2/1/2009																	8.6		<5	<5
MW-07	5/1/2009																	21		19	<5
MW-07	8/1/2009																	<5		<5	<5
MW-07	11/1/2009																	20		5.1	<5
MW-07	5/1/2010																	17		5.9	<5
MW-07	11/1/2010																	<2500		<250	<250
MW-07	5/24/2011	<2500		<2500				<2500	<2500			<2500				<2500		<2500		<2500	<2500
MW-07	5/27/2011		<200		<10	<10	<10			<50	<10		<10	<20	<100	<5	<0.5	19	<10	<5	<5
MW-07	11/9/2011	<2500		<2500				<2500	<2500			<2500				<2500		<2500		<2500	<2500
MW-07	5/16/2012	<5		<5				<5	160			<5				<5		21		<5	<5
MW-07	11/15/2012	<250		<250				<250	<250			<250				<250		<250		<250	<250
MW-07	5/14/2013	<5		<5				<5	<5			<5				<5		7		<5	<5
MW-07	10/8/2013	6.6		<5				<5	46			19				<5		9		8.3	<5
MW-07	2/19/2014	<2500		<2500				<2500	<2500			<2500				<2500		<2500		<2500	<2500
MW-07	5/29/2014	530		<5				<5	<5			200				<5		14		1700	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-07	11/25/2014	<500		<500				<500	<500			<500				<500		<500		<500	<500
MW-07	2/18/2015	<5		<5				<5	67			<5				<5		8.4		<5	6.4
MW-07	5/19/2015	13		<5				<5	83			<5				<5		7.5		6.4	14
MW-07	11/17/2015	120		<5				<5	22			42				<5		5		100	<5
MW-07	1/19/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-08	1/1/2002																	11		10900	<5
MW-08	6/1/2002																	<20		43	<20
MW-08	9/1/2002																	2		29	<2
MW-08	12/1/2002																	<5		225	<5
MW-08	5/1/2003																	<5		<5	<5
MW-08	11/1/2003																	<5		500	<5
MW-08	5/1/2004																	14		458	8
MW-08	11/1/2004																	<5		71	<5
MW-08	5/1/2005																	<5		97	<5
MW-08	11/1/2005																	6		130	<5
MW-08	5/1/2006																	<5		320	<5
MW-08	11/1/2006																	<5		60	<5
MW-08	5/1/2007																	<5		32	<5
MW-08	11/1/2007																	<5		140	<5
MW-08	5/1/2008																	<5		260	<5
MW-08	11/1/2008																	<5		41	<5
MW-08	2/1/2009																	<5		<5	<5
MW-08	5/1/2009																	<5		<5	<5
MW-08	8/1/2009																	<5		<5	<5
MW-08	11/1/2009																	<5		<5	<5
MW-08	5/1/2010																	<5		<5	<5
MW-08	11/1/2010																	7.8		1200	<5
MW-08	5/24/2011	2000		<5				<5	64			800				<5		6.6		24000	<5
MW-08	11/9/2011	360		<5				<5	28			190				<5		<5		3600	<5
MW-08	5/16/2012	<5		<5				<5	<5			<5				<5		10		<5	<5
MW-08	11/15/2012	<5		<5				<5	<5			<5				<5		6.8		<5	<5
MW-08	5/14/2013	<5		<5				<5	<5			<5				<5		5.2		<5	<5
MW-08	10/8/2013	310		<5				<5	5.6			120				<5		<5		2700	<5
MW-08	2/19/2014	98		<5				<5	5.4			91				<5		<5		970	<5
MW-08	5/30/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-08	11/25/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-08	2/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-08	5/21/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-08	11/16/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	1/1/2002																	<5		<5	<5
MW-09	6/1/2002																	<2		7	<2
MW-09	9/1/2002																	<2		<2	<2

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-09	12/1/2002																	<5		<5	<5
MW-09	5/1/2003																	<5		<5	<5
MW-09	11/1/2003																	<5		<5	<5
MW-09	5/1/2004																	<5		<5	<5
MW-09	11/1/2004																	<5		<5	<5
MW-09	5/1/2005																	<5		<5	<5
MW-09	11/1/2005																	<5		120	<5
MW-09	5/1/2006																	<5		<5	<5
MW-09	11/1/2006																	<5		<5	<5
MW-09	5/1/2007																	<5		<5	<5
MW-09	11/1/2007																	<5		<5	<5
MW-09	5/1/2008																	<5		<5	<5
MW-09	11/1/2008																	<5		<5	<5
MW-09	2/1/2009																	<5		<5	<5
MW-09	5/1/2009																	<5		<5	<5
MW-09	8/1/2009																	<5		<5	<5
MW-09	11/1/2009																	<5		<5	<5
MW-09	5/1/2010																	<5		<5	<5
MW-09	11/1/2010																	<5		<5	<5
MW-09	5/24/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	11/11/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	5/14/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	11/14/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	10/10/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	5/27/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	11/21/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	5/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-09	11/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	1/1/2002																	<5		<5	<5
MW-10	6/1/2002																	<2		<2	<2
MW-10	9/1/2002																	<2		<2	<2
MW-10	12/1/2002																	<5		<5	<5
MW-10	5/1/2003																	<5		<5	<5
MW-10	11/1/2003																	<5		<5	<5
MW-10	5/1/2004																	<5		<5	5
MW-10	11/1/2004																	<5		<5	<5
MW-10	5/1/2005																	<5		<5	<5
MW-10	11/1/2005																	<5		66	<5
MW-10	5/1/2006																	<5		<5	<5
MW-10	11/1/2006																	<5		<5	<5
MW-10	5/1/2007																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-10	11/1/2007																	<5		<5	<5
MW-10	5/1/2008																	<5		<5	<5
MW-10	11/1/2008																	<5		<5	<5
MW-10	2/1/2009																	<5		<5	<5
MW-10	5/1/2009																	<5		<5	<5
MW-10	8/1/2009																	<5		<5	<5
MW-10	11/1/2009																	<5		<5	<5
MW-10	5/1/2010																	<5		<5	<5
MW-10	11/1/2010																	<5		<5	<5
MW-10	5/24/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	11/11/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	5/15/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	11/14/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	10/10/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	5/27/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	11/21/2014	<5		<5				<5	<5			<5				<5		<5		5.3	<5
MW-10	5/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-10	11/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	1/1/2002																	<5		<5	<5
MW-11	6/1/2002																	<2		<2	<2
MW-11	9/1/2002																				
MW-11	12/1/2002																	<5		<5	<5
MW-11	5/1/2003																	<5		<5	<5
MW-11	11/1/2003																	<5		<5	<5
MW-11	5/1/2004																	<5		<5	<5
MW-11	11/1/2004																	<5		<5	<5
MW-11	5/1/2005																	<5		<5	<5
MW-11	11/1/2005																	<5		<5	<5
MW-11	5/1/2006																	<5		<5	<5
MW-11	11/1/2006																	<5		<5	<5
MW-11	5/1/2007																	<5		<5	<5
MW-11	11/1/2007																	<5		<5	<5
MW-11	5/1/2008																	<5		<5	<5
MW-11	11/1/2008																	<5		<5	<5
MW-11	2/1/2009																	<5		<5	<5
MW-11	5/1/2009																	<5		<5	<5
MW-11	8/1/2009																	<5		<5	<5
MW-11	11/1/2009																	<5		<5	<5
MW-11	5/1/2010																	<5		<5	<5
MW-11	11/1/2010																	<5		<5	<5
MW-11	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-11	11/9/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	11/13/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	5/28/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	11/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	5/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	11/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-11	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-12	1/1/2002																	<5		<5	<5
MW-12	6/1/2002																	<2		<2	<2
MW-12	12/1/2002																	<5		<5	<5
MW-12	5/1/2003																	<5		<5	<5
MW-12	11/1/2003																	<5		<5	<5
MW-12	5/1/2004																	<5		<5	<5
MW-12	11/1/2004																	<5		<5	<5
MW-12	5/1/2005																	<5		<5	<5
MW-12	11/1/2005																	<5		<5	<5
MW-12	5/1/2006																	<5		<5	<5
MW-12	11/1/2006																	<5		<5	<5
MW-12	5/1/2007																	<5		<5	<5
MW-12	11/1/2007																	<5		<5	<5
MW-12	5/1/2008																	23		<5	<5
MW-12	11/1/2008																	6.4		<5	<5
MW-12	2/1/2009																	<5		<5	<5
MW-12	5/1/2009																	<5		<5	<5
MW-12	8/1/2009																	6.1		<5	<5
MW-12	11/1/2009																	<5		<5	<5
MW-12	5/1/2010																	5.6		<5	<5
MW-12	10/1/2010																	<5		<5	<5
MW-12	11/1/2010																	9.9		<5	<5
MW-12	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-12	11/9/2011	<5		<5				<5	<5			<5				<5		12		<5	<5
MW-12	5/8/2012	<5		<5				<5	<5			<5				<5		14		<5	<5
MW-12	11/13/2012	<5		<5				<5	<5			<5				<5		7.8		<5	<5
MW-12	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-12	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-12	5/27/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-12	11/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-12	5/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-12	11/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-13	1/1/2002																	<5		<5	<5
MW-13	6/1/2002																	<2		<2	<2
MW-13	9/1/2002																				
MW-13	12/1/2002																	<5		<5	<5
MW-13	5/1/2003																	<5		<5	<5
MW-13	11/1/2003																	<5		<5	<5
MW-13	5/1/2004																	<5		<5	<5
MW-13	11/1/2004																	<5		<5	<5
MW-13	5/1/2005																	<5		<5	<5
MW-13	11/1/2005																	<5		<5	<5
MW-13	5/1/2006																	<5		<5	<5
MW-13	11/1/2006																	<5		<5	<5
MW-13	5/1/2007																	<5		<5	<5
MW-13	11/1/2007																	<5		<5	<5
MW-13	5/1/2008																	<5		<5	<5
MW-13	11/1/2008																	<5		<5	<5
MW-13	11/1/2009																	<5		<5	<5
MW-13	5/1/2010																	<5		<5	<5
MW-13	11/1/2010																	<5		<5	<5
MW-13	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	11/10/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	5/10/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	11/13/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	5/21/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	11/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	5/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-13	11/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	1/1/2002																	<5		<5	<5
MW-14	6/1/2002																	<2		<2	<2
MW-14	12/1/2002																	<5		<5	<5
MW-14	5/1/2003																	<5		<5	<5
MW-14	11/1/2003																	<5		<5	<5
MW-14	5/1/2004																	<5		<5	<5
MW-14	11/1/2004																	<5		<5	<5
MW-14	5/1/2005																	<5		<5	<5
MW-14	11/1/2005																	<5		<5	<5
MW-14	5/1/2006																	<5		<5	<5
MW-14	11/1/2006																	<5		<5	<5
MW-14	5/1/2007																	<5		<5	<5
MW-14	11/1/2007																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-14	5/1/2008																	<5		<5	<5
MW-14	11/1/2008																	<5		<5	<5
MW-14	2/1/2009																	<5		<5	<5
MW-14	5/1/2009																	<5		<5	<5
MW-14	8/1/2009																	<5		<5	<5
MW-14	11/1/2009																	<5		<5	<5
MW-14	5/1/2010																	<5		<5	<5
MW-14	10/1/2010																	<5		<5	<5
MW-14	11/1/2010																	<5		<5	<5
MW-14	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	11/10/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	5/10/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	11/13/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	5/21/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	11/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	5/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-14	11/17/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	1/1/2002																	<5		<5	<5
MW-15	6/1/2002																	<2		<2	<2
MW-15	9/1/2002																				
MW-15	12/1/2002																	<5		<5	<5
MW-15	5/1/2003																	<5		<5	<5
MW-15	11/1/2003																	<5		<5	<5
MW-15	5/1/2004																	<5		<5	<5
MW-15	11/1/2004																	<5		<5	<5
MW-15	5/1/2005																	<5		<5	<5
MW-15	11/1/2005																	<5		<5	<5
MW-15	5/1/2006																	<5		<5	<5
MW-15	11/1/2006																	<5		<5	<5
MW-15	5/1/2007																	<5		<5	<5
MW-15	11/1/2007																	<5		<5	<5
MW-15	5/1/2008																	<5		<5	<5
MW-15	11/1/2008																	<5		<5	<5
MW-15	2/1/2009																	<5		<5	<5
MW-15	5/1/2009																	<5		<5	<5
MW-15	8/1/2009																	<5		<5	<5
MW-15	11/1/2009																	<5		<5	<5
MW-15	5/1/2010																	<5		<5	<5
MW-15	10/1/2010																	<5		<5	<5
MW-15	11/1/2010																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-15	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	11/9/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	11/13/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	5/13/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	5/21/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	11/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	5/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-15	11/12/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	1/1/2002																	<5		<5	<5
MW-16	6/1/2002																	<2		<2	<2
MW-16	9/1/2002																				
MW-16	12/1/2002																	<5		<5	<5
MW-16	5/1/2003																	<5		<5	<5
MW-16	11/1/2003																	<5		<5	<5
MW-16	5/1/2004																	<5		<5	<5
MW-16	11/1/2004																	<5		<5	<5
MW-16	5/1/2005																	<5		<5	<5
MW-16	11/1/2005																	<5		<5	<5
MW-16	5/1/2006																	<5		<5	<5
MW-16	11/1/2006																	<5		<5	<5
MW-16	5/1/2007																	<5		<5	<5
MW-16	11/1/2007																	<5		<5	<5
MW-16	5/1/2008																	<5		<5	<5
MW-16	11/1/2008																	<5		<5	<5
MW-16	2/1/2009																	<5		<5	<5
MW-16	5/1/2009																	<5		<5	<5
MW-16	8/1/2009																	<5		<5	<5
MW-16	11/1/2009																	<5		<5	<5
MW-16	5/1/2010																	<5		<5	<5
MW-16	11/1/2010																	<5		<5	<5
MW-16	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	11/9/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	11/13/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	5/13/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	5/21/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	11/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	5/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-16	11/12/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-17	1/1/2002																	<5		43	<5
MW-17	6/1/2002																	<2		78	<2
MW-17	9/1/2002																	<2		<2	<2
MW-17	12/1/2002																	<5		<5	<5
MW-17	5/1/2003																	<5		<5	<5
MW-17	11/1/2003																	<5		<5	<5
MW-17	5/1/2004																	<5		<5	<5
MW-17	11/1/2004																	<5		<5	<5
MW-17	5/1/2005																	<5		<5	<5
MW-17	11/1/2005																	<5		<5	<5
MW-17	5/1/2006																	<5		<5	<5
MW-17	11/1/2006																	<5		<5	<5
MW-17	5/1/2007																	<5		<5	<5
MW-17	11/1/2007																	<5		<5	<5
MW-17	5/1/2008																	5.2		<5	<5
MW-17	11/1/2008																	<5		<5	<5
MW-17	2/1/2009																	<5		14	<5
MW-17	5/1/2009																	<5		<5	<5
MW-17	8/1/2009																	6.1		5.1	<5
MW-17	11/1/2009																	<5		6.4	<5
MW-17	5/1/2010																	<5		<5	<5
MW-17	11/1/2010																	<5		<5	<5
MW-17	5/24/2011	280		<5				7.9	350			<5				<5		<5		<5	<5
MW-17	11/10/2011	210		<5				<5	450			<5				<5		<5		<5	<5
MW-17	5/14/2012	280		<5				<5	440			<5				<5		<5		<5	<5
MW-17	11/15/2012	61		<5				<5	160			<5				<5		<5		<5	<5
MW-17	5/14/2013	400		<5				<5	700			<5				<5		<5		7.5	<5
MW-17	10/7/2013	200		<5				<5	520			<5				<5		<5		<5	<5
MW-17	5/21/2014	320		<5				<5	210			<5				<5		<5		6.8	<5
MW-17	11/24/2014	300		<5				<5	680			<5				<5		<5		<5	<5
MW-17	5/19/2015	140		<5				<5	410			<5				<5		<5		<5	<5
MW-17	11/12/2015	<5		<5				<5	7.8			<5				<5		<5		<5	<5
MW-17	1/18/2017	<5		<5				<5	12			<5				<5		<5		<5	<5
MW-18	1/1/2002																	<5		<5	<5
MW-18	6/1/2002																	<2		<2	<2
MW-18	9/1/2002																				
MW-18	12/1/2002																	<5		<5	<5
MW-18	5/1/2003																	<5		<5	<5
MW-18	11/1/2003																	<5		<5	<5
MW-18	5/1/2004																	<5		<5	<5
MW-18	11/1/2004																	<5		<5	<5
MW-18	5/1/2005																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-18	11/1/2005																	<5		<5	<5
MW-18	5/1/2006																	<5		<5	<5
MW-18	11/1/2006																	<5		<5	<5
MW-18	5/1/2007																	<5		<5	<5
MW-18	11/1/2007																	<5		<5	<5
MW-18	5/1/2008																	<5		<5	<5
MW-18	11/1/2008																	<5		<5	<5
MW-18	5/1/2009																	<5		<5	<5
MW-18	8/1/2009																	<5		<5	<5
MW-18	11/1/2009																	<5		<5	<5
MW-18	5/1/2010																	<5		<5	<5
MW-18	11/1/2010																	<5		<5	<5
MW-18	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	11/8/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	11/16/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	5/14/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	10/10/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	5/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	11/18/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	5/15/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-18	11/12/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	1/1/2002																	<5		<5	<5
MW-19	6/1/2002																	<2		<2	<2
MW-19	9/1/2002																				
MW-19	12/1/2002																	<5		<5	<5
MW-19	5/1/2003																	<5		<5	<5
MW-19	11/1/2003																	<5		<5	<5
MW-19	5/1/2004																	<5		<5	<5
MW-19	11/1/2004																	<5		<5	<5
MW-19	5/1/2005																	<5		<5	<5
MW-19	11/1/2005																	<5		<5	<5
MW-19	5/1/2006																	<5		<5	<5
MW-19	11/1/2006																	<5		<5	<5
MW-19	5/1/2007																	<5		<5	<5
MW-19	11/1/2007																	<5		<5	<5
MW-19	5/1/2008																	<5		<5	<5
MW-19	11/1/2008																	<5		<5	<5
MW-19	2/1/2009																	<5		<5	<5
MW-19	5/1/2009																	<5		<5	<5
MW-19	8/1/2009																	<5		<5	<5
MW-19	11/1/2009																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-19	5/1/2010																	<5		<5	<5
MW-19	11/1/2010																	<5		<5	<5
MW-19	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	11/10/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	5/10/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	11/13/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	5/14/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	5/21/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	11/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	5/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-19	11/17/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	1/1/2002																	<5		<5	<5
MW-20	6/1/2002																	<2		<2	<2
MW-20	12/1/2002																	<5		<5	<5
MW-20	5/1/2003																	<5		<5	<5
MW-20	11/1/2003																	<5		<5	<5
MW-20	5/1/2004																	<5		<5	<5
MW-20	11/1/2004																	<5		<5	<5
MW-20	5/1/2005																	<5		<5	<5
MW-20	11/1/2005																	<5		57	<5
MW-20	5/1/2006																	<5		<5	<5
MW-20	11/1/2006																	<5		<5	<5
MW-20	5/1/2007																	<5		<5	<5
MW-20	11/1/2007																	<5		<5	<5
MW-20	5/1/2008																	<5		<5	<5
MW-20	11/1/2008																	<5		<5	<5
MW-20	2/1/2009																	<5		<5	<5
MW-20	5/1/2009																	<5		6.3	<5
MW-20	8/1/2009																	<5		<5	<5
MW-20	11/1/2009																	<5		<5	<5
MW-20	5/1/2010																	<5		<5	<5
MW-20	11/1/2010																	<5		<5	<5
MW-20	5/24/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	11/11/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	5/15/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	11/14/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	10/10/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	5/27/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	11/21/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	5/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-20	11/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-20	1/18/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-21	1/1/2002																	84		70200	<5
MW-21	12/1/2002																	13.8		191	28
MW-21	5/1/2003																	<5		94.7	<5
MW-21	11/1/2003																	<5		160	<5
MW-21	5/1/2004																	<5		<5	5
MW-21	11/1/2004																	<5		172	<5
MW-21	5/1/2005																	<5		158	<5
MW-21	11/1/2005																	10		710	<5
MW-21	5/1/2006																	6.5		76	<5
MW-21	11/1/2006																	<5		59	8
MW-21	11/1/2007																	5		160	7
MW-21	5/1/2008																	8.6		220	16
MW-21	11/1/2009																	9		7.7	<5
MW-21	5/1/2010																	<5		11	10
MW-21	11/1/2010																	<5		23	<5
MW-21	5/24/2011	<5		<5				<5	120			5.6				<5		<5		9.9	<5
MW-21	11/9/2011	<5		<5				<5	68			7.4				<5		<5		11	<5
MW-21	5/16/2012	<5		<5				<5	160			7.9				<5		7.1		11	<5
MW-21	11/15/2012	<100		<100				<100	210			<100				<100		<100		<100	<100
MW-21	5/14/2013	5.2		<5				<5	350			5.4				<5		<5		15	27
MW-21	10/8/2013	<5		<5				<5	200			<5				<5		<5		6.3	11
MW-21	2/19/2014	<500		<500				<500	<500			<500				<500		<500		<500	<500
MW-21	5/29/2014	<5		<5				<5	130			<5				<5		<5		6.4	12
MW-21	11/25/2014	<5		<5				<5	260			<5				<5		<5		6.5	9.2
MW-21	2/18/2015	<5		<5				<5	160			<5				<5		<5		<5	6.6
MW-21	5/21/2015	5.6		<5				<5	90			<5				<5		<5		<5	<5
MW-21	11/16/2015	<5		<5				<5	31			<5				<5		<5		<5	<5
MW-21	1/19/2017	9.6		<5				<5	40			20				<5		<5		52	10
MW-22	1/1/2002																	<5		<5	<5
MW-22	6/1/2002																	<2		<2	<2
MW-22	9/1/2002																				
MW-22	12/1/2002																	<5		<5	<5
MW-22	5/1/2003																	<5		<5	<5
MW-22	11/1/2003																	<5		<5	<5
MW-22	5/1/2004																	<5		<5	<5
MW-22	11/1/2004																	<5		<5	<5
MW-22	5/1/2005																	<5		<5	<5
MW-22	11/1/2005																	<5		<5	<5
MW-22	5/1/2006																	<5		<5	<5
MW-22	11/1/2006																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-22	5/1/2007																	<5		<5	<5
MW-22	11/1/2007																	<5		<5	<5
MW-22	5/1/2008																	<5		<5	<5
MW-22	11/1/2008																	<5		<5	<5
MW-22	2/1/2009																	<5		<5	<5
MW-22	5/1/2009																	<5		<5	<5
MW-22	8/1/2009																	<5		<5	<5
MW-22	11/1/2009																	<5		<5	<5
MW-22	5/1/2010																	<5		<5	<5
MW-22	11/1/2010																	<5		<5	<5
MW-22	5/23/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	11/9/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	11/15/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	5/28/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	11/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	5/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-22	11/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-23	1/1/2002																	<5		<5	<5
MW-23	6/1/2002																	<2		<2	<2
MW-23	9/1/2002																				
MW-23	12/1/2002																	<5		<5	<5
MW-23	5/1/2003																	<5		<5	<5
MW-23	11/1/2003																	<5		<5	<5
MW-23	5/1/2004																	<5		<5	<5
MW-23	11/1/2004																	<5		<5	<5
MW-23	5/1/2005																	<5		<5	<5
MW-23	11/1/2005																	<5		<5	<5
MW-23	5/1/2006																	8.4		<5	<5
MW-23	11/1/2006																	<5		<5	<5
MW-23	5/1/2007																	<5		<5	<5
MW-23	11/1/2007																	<5		<5	<5
MW-23	5/1/2008																	8.1		<5	<5
MW-23	11/1/2008																	<5		<5	<5
MW-23	5/1/2009																	12		<5	<5
MW-23	8/1/2009																	<5		<5	<5
MW-23	11/1/2009																	11		<5	<5
MW-23	5/1/2010																	11		<5	<5
MW-23	11/1/2010																	11		<5	<5
MW-23	5/23/2011	<5		<5				<5	<5			<5				<5		9.7		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-23	11/8/2011	<5		<5				<5	<5			<5				<5		9.3		<5	<5
MW-23	5/8/2012	<5		<5				<5	<5			<5				<5		10		<5	<5
MW-23	5/15/2013	<5		<5				<5	<5			<5				<5		7.7		<5	<5
MW-23	10/10/2013	<5		<5				<5	<5			<5				<5		5		<5	<5
MW-23	5/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-23	11/18/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-23	5/15/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-23	11/11/2015	<5		<5				<5	<5			<5				<5		6.9		<5	<5
MW-24	1/1/2002																	<5		<5	<5
MW-24	6/1/2002																	<2		<2	<2
MW-24	9/1/2002																				
MW-24	12/1/2002																	<5		<5	<5
MW-24	5/1/2003																	<5		<5	<5
MW-24	11/1/2003																	<5		<5	<5
MW-24	5/1/2004																	<5		<5	<5
MW-24	11/1/2004																	<5		<5	<5
MW-24	5/1/2005																	<5		<5	<5
MW-24	11/1/2005																	<5		<5	<5
MW-24	5/1/2006																	<5		<5	<5
MW-24	11/1/2006																	<5		<5	<5
MW-24	5/1/2007																	<5		<5	<5
MW-24	11/1/2007																	<5		<5	<5
MW-24	5/1/2008																	<5		<5	<5
MW-24	11/1/2008																	<5		<5	<5
MW-24	5/1/2009																	<		<	<
MW-24	8/1/2009																	<		<	<
MW-24	11/1/2009																	<5		<5	<
MW-24	5/1/2010																	<5		<5	<5
MW-24	11/1/2010																	<5		<5	<5
MW-24	5/23/2011	<5		<5				<5	<5			<5				<5		62		<5	<5
MW-24	11/8/2011	<5		<5				<5	<5			<5				<5		18		<5	<5
MW-24	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-24	11/16/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-24	5/14/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-24	10/10/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-24	5/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-24	11/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-24	5/15/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-24	11/11/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	1/1/2002																	<5		<5	<5
MW-25	6/1/2002																	<2		<2	<2
MW-25	9/1/2002																				

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-25	12/1/2002																	<5		<5	<5
MW-25	5/1/2003																	<5		<5	<5
MW-25	11/1/2003																	<5		<5	<5
MW-25	5/1/2004																	<5		<5	<5
MW-25	11/1/2004																	<5		<5	<5
MW-25	5/1/2005																	<5		<5	<5
MW-25	11/1/2005																	<5		<5	<5
MW-25	5/1/2006																	<5		<5	<5
MW-25	11/1/2006																	<5		<5	<5
MW-25	5/1/2007																	<5		<5	<5
MW-25	11/1/2007																	<5		<5	<5
MW-25	5/1/2008																	<5		<5	<5
MW-25	11/1/2008																	<5		<5	<5
MW-25	2/1/2009																	<		<	<
MW-25	5/1/2009																	<		<	<
MW-25	8/1/2009																	<		<	<
MW-25	11/1/2009																	<5		<5	<
MW-25	5/25/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	5/10/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	11/19/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	10/10/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	5/29/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	11/25/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	5/21/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-25	11/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	5/1/2010																	<5		<5	<5
MW-26	11/1/2010																	<5		<5	<5
MW-26	5/24/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	11/10/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	5/15/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	11/14/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	5/15/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	10/7/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	2/18/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	5/23/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	11/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	5/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	11/16/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-26	1/18/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	5/1/2010																	5.6		<5	<5
MW-27	11/1/2010																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-27	5/24/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	11/10/2011	<5		<5				<5	14			<5				<5		<5		<5	<5
MW-27	5/15/2012	<5		<5				<5	12			<5				<5		6		<5	<5
MW-27	11/14/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	5/16/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	10/10/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	2/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	5/23/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	11/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	5/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-27	11/16/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	5/1/2010																	<5		<5	<5
MW-28	11/1/2010																	<5		<5	<5
MW-28	5/24/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	11/10/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	5/16/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	11/15/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	5/16/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	5/28/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	11/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	5/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	11/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-28	1/20/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-29	5/1/2010																	<5		<5	<5
MW-29	11/1/2010																	<5		<5	<5
MW-29	5/24/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-29	11/11/2011	<5		<5				<5	<5			<5				<5		8.8		<5	<5
MW-29	5/16/2012	<5		<5				<5	<5			<5				<5		11		<5	<5
MW-29	11/15/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-29	5/16/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-29	10/9/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-29	5/28/2014	<5		<5				<5	<5			<5				<5		<5		<5	6
MW-29	11/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-29	5/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-29	11/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-30	10/8/2013	<5		<5				<5	8.6			<5				<5		<5		<5	<5
MW-30	5/27/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-30	11/24/2014	54		<5				<5	20			<5				<5		<5		<5	<5
MW-30	5/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-30	11/12/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-31	10/8/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-31	5/27/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-31	11/20/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-31	5/19/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-31	11/12/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-32	10/8/2013	1100		<5				<5	<5			290				<5		17		3900	<5
MW-32	2/19/2014	<5000		<5000				<5000	<5000			<5000				<5000		<5000		12000	<5000
MW-32	4/16/2014	<500		<500				<500	<500			<500				<500		<500		1200	<500
MW-32	5/30/2014	1900		<5				<5	<5			510				<5		26		11000	<5
MW-32	11/20/2014	2100		<5				<5	<5			570				<5		26		12000	<5
MW-32	2/18/2015	<2500		<2500				<2500	<2500			<2500				<2500		<2500		<2500	<2500
MW-32	5/15/2015	<25000		<25000				<25000	<25000			<25000				<25000		<25000		<25000	<25000
MW-32	11/17/2015	<50		<50				<50	<50			<50				<50		<50		<50	<50
MW-32	1/19/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-33	10/8/2013	270		<5				<5	120			180				<5		<5		840	<5
MW-33	5/29/2014	930							36			290				<5				4700	<5
MW-33	11/24/2014	920		<5				<5	94			380				<5		<5		2000	<5
MW-33	5/21/2015	1300		<5				<5	110			730				<5		<5		12000	<5
MW-33	11/16/2015	<5		<5				<5	14			<5				<5		<5		<5	<5
MW-34	4/16/2014	<5		<5				<5	<5			<5				<5		<5		21	<5
MW-34	11/24/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-34	2/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-34	5/21/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-34	11/16/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-35	4/16/2014	<250		<250				<250	<250			<250				<250		<250		340	<250
MW-35	11/24/2014	<500		<500				<500	<500			<500				<500		<500		<500	<500
MW-35	2/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-35	5/21/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-35	11/16/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-36	4/17/2014	<250		<250				<250	<250			<250				<250		<250		490	<250
MW-36	11/20/2014	15		<5				<5	<5			<5				<5		<5		51	<5
MW-36	2/18/2015	7.8		<5				<5	<5			<5				<5		<5		34	<5
MW-36	5/15/2015	22		<5				<5	<5			<5				<5		<5		65	5.4
MW-36	11/17/2015	<50		<50				<50	<50			<50				<50		<50		56	<50
MW-37	1/6/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-37	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	8.3
MW-38	1/6/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-38	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-39	6/23/2016	<5		<5				<5	<5			<5				<5		<5		10	<5
MW-39	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-40	6/23/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-40	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-41	6/23/2016	3100		<5				<5	<5			650				<5		33		4600	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
MW-41	1/17/2017	5000		<500				<500	<500			770				<500		<500		6300	<500
MW-42	6/23/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-42	1/17/2017	<5		<5				<5	24			<5				<5		16		<5	<5
MW-43	6/23/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-44	6/23/2016	14		<5				<5	<5			<5				<5		5.4		60	<5
MW-45	6/23/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-45	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-46	6/23/2016	700		<5				<5	23			190				<5		14		350	<5
MW-47	6/23/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-48	6/23/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-48	1/18/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-49	10/7/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-50	10/7/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-51	10/7/2016	<5		<5				<5	<5			<5				<5		52		<5	<5
MW-51	1/16/2017	<5		<5				<5	<5			<5				<5		46		<5	<5
MW-52	10/7/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-52	1/16/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-53	10/7/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-54	10/7/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-54	1/16/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-55	10/7/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-55	1/16/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-56	10/7/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-56	1/16/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-57	10/7/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
MW-57	1/16/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-01	1/1/2002																	<5		<5	<5
RW-01	6/1/2002																	<2		<2	<2
RW-01	9/1/2002																	<2		<2	<2
RW-01	12/1/2002																	<5		<5	<5
RW-01	5/1/2003																	<5		<5	<5
RW-02	1/1/2002																	<5		17500	10
RW-02	6/1/2002																	10		6100	<2
RW-02	9/1/2002																	<200		700	<200
RW-02	12/1/2002																	<5		642	<5
RW-02	5/1/2003																	<5		344	<5
RW-02	11/1/2003																	<5		7580	<5
RW-02	5/1/2004																	7		487	18
RW-02	11/1/2004																	<5		10000	<5
RW-02	5/1/2005																	<5		9080	<5
RW-02	11/1/2005																	<5		9500	<5
RW-02	5/1/2006																	<5		900	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
RW-02	11/1/2006																	<5		2120	10
RW-02	5/1/2007																	<5		269	<5
RW-02	11/1/2007																	<5		2400	9
RW-02	5/1/2008																	<5		3300	<5
RW-02	11/1/2008																	10		7.4	<5
RW-02	2/1/2009																	<		190	<
RW-02	5/1/2009																	12		69	<
RW-02	8/1/2009																	11		190	<
RW-02	11/1/2009																	9.1		1100	<
RW-02	5/1/2010																	5.9		11000	<5
RW-02	11/1/2010																	<100		17000	<100
RW-02	11/11/2011	750		<500				<500	<500			<500				<500		<500		8700	<500
RW-02	5/8/2012	2800		<5				<5	96			770				<5		<5		27000	<5
RW-02	11/19/2012	140		<5				<5	14			51				<5		<5		1100	<5
RW-02	5/13/2013	820		<100				<100	<100			240				<100		<100		7000	<100
RW-02	10/14/2013	2600										840						<2		<2	3.3
RW-02	5/23/2014	1200		<500				<500	<500			<500				<500		<500		13000	<500
RW-02	11/25/2014	890		<5				<5	16			320				<5		<5		4500	<5
RW-02	2/18/2015	1400		<250				<250	<250			460				<250		<250		8900	<250
RW-02	5/18/2015	120		<5				<5	<5			90				<5		<5		260	<5
RW-02	11/17/2015	760		<5				<5	24			290				<5		<5		2900	<5
RW-03	1/1/2002																	<5		<5	<5
RW-03	6/1/2002																	2		<2	<2
RW-03	9/1/2002																	<10		<10	<10
RW-03	12/1/2002																	<5		<5	<5
RW-03	5/1/2003																	<5		<5	<5
RW-03	11/1/2003																	<5		<5	<5
RW-03	5/1/2004																	10		<5	<5
RW-03	11/1/2004																	<5		<5	<5
RW-03	5/1/2005																	<5		338	<5
RW-03	11/1/2005																	12		<5	<5
RW-03	5/1/2006																	<5		<5	<5
RW-03	11/1/2006																	5		<5	<5
RW-03	5/1/2007																	8		<5	<5
RW-03	11/1/2007																	13		<5	<5
RW-03	5/1/2008																	5.2		<5	<5
RW-03	11/1/2008																	<5		<5	<5
RW-03	2/1/2009																	<6		<5	<5
RW-03	5/1/2009																	6.6		<5	<5
RW-03	8/1/2009																	6.1		<5	<5
RW-03	11/1/2009																	<5		<5	<5
RW-03	5/1/2010																	<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
RW-03	11/1/2010																	<5		<5	<5
RW-03	11/11/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-03	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-03	11/19/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-03	5/13/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-03	10/14/2013	<5										<5						<2		4.3	<2
RW-03	5/23/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-03	11/17/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-03	5/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-03	11/17/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-04	1/1/2002																	<5		<5	<5
RW-04	6/1/2002																	<2		<2	<2
RW-04	9/1/2002																				
RW-04	12/1/2002																	<5		<5	<5
RW-04	5/1/2003																	<5		<5	<5
RW-04	11/1/2003																	<5		<5	<5
RW-04	5/1/2004																	<5		<5	19
RW-04	11/1/2004																	<5		<5	<5
RW-04	5/1/2005																	<5		<5	<5
RW-04	11/1/2005																	<5		<5	<5
RW-04	5/1/2006																	<5		<5	<5
RW-04	11/1/2006																	<5		<5	<5
RW-04	5/1/2007																	<5		<5	<5
RW-04	11/1/2007																	7		<5	<5
RW-04	5/1/2008																	5.5		<5	<5
RW-04	11/1/2008																	6.2		<5	<5
RW-04	2/1/2009																	<		<	<
RW-04	5/1/2009																	<		<	<
RW-04	8/1/2009																	<		5.9	<
RW-04	11/1/2009																	<5		<5	<
RW-04	5/1/2010																	<5		<5	<5
RW-04	11/1/2010																	<5		<5	<5
RW-04	11/9/2011	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-04	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-04	11/19/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-04	5/13/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-04	10/14/2013	<5										<5						<2		<2	<2
RW-04	5/23/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-04	11/17/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-04	5/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-05	1/1/2002																	<5		<5	<5
RW-05	6/1/2002																	<2		<2	<2

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
RW-05	9/1/2002																				
RW-05	12/1/2002																	<5		<5	<5
RW-06	5/1/2004																	<5		<5	<5
RW-06	11/1/2004																	<5		74	<5
RW-06	5/1/2005																	<5		78	<5
RW-06	11/1/2005																	<5		<5	<5
RW-06	5/1/2006																	<5		<5	<5
RW-06	11/1/2006																	<5		<5	<5
RW-06	5/1/2007																	<5		<5	<5
RW-06	11/1/2007																	<5		<5	<5
RW-06	5/1/2008																	<5		<5	<5
RW-06	11/1/2008																	<5		<5	<5
RW-06	2/1/2009																	<5		<5	<5
RW-06	5/1/2009																	<5		<5	<5
RW-06	8/1/2009																	<5		<5	<5
RW-06	11/1/2009																	<5		<5	<5
RW-06	5/1/2010																	<5		<5	<5
RW-06	11/1/2010																	<5		<5	<5
RW-06	11/11/2011	<5		<5				<5	5.8			<5				<5		<5		<5	<5
RW-06	5/8/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-06	11/19/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-06	5/13/2013	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-06	10/14/2013	<5										<5						<2		<2	<2
RW-06	5/23/2014	<5		<5				<5	7			<5				<5		<5		<5	<5
RW-06	11/17/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-06	5/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-06	11/17/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-07	5/1/2004																	<5		22	<5
RW-07	11/1/2004																	<5		65	<5
RW-07	5/1/2005																	<5		5	<5
RW-07	11/1/2005																				
RW-07	5/1/2006																	<5		<5	<5
RW-07	11/1/2006																	<5		<5	<5
RW-07	5/1/2007																	<5		<5	<5
RW-07	11/1/2007																	<5		<5	<5
RW-07	5/1/2008																	<5		130	<5
RW-07	11/1/2008																	<5		9.1	<5
RW-07	2/1/2009																	<		<	<
RW-07	5/1/2009																	<		<	<
RW-07	8/1/2009																	<		<	<
RW-07	11/1/2009																	<5		10	<
RW-07	5/1/2010																	<5		4700	6.2

Table 1. All Groundwater VOC Results

Location	Date Sampled	m&p-Xylene (µg/L)	Methacrylo-nitrile (µg/L)	Methyl acetate (µg/L)	Methyl iodide (µg/L)	Methyl metha-crylate (µg/L)	Methyl methane-sulfonate (µg/L)	Methyl tertbutyl ether (MTBE) (µg/L)	Methyl-cyclohexane (µg/L)	Nitro-quinoline-1-oxide (µg/L)	o,o,o-Triethyl phosphoro-thioate (µg/L)	o-Xylene (µg/L)	Pentachloro-ethane (µg/L)	Pentachloro-nitro-benzene (µg/L)	Propionitrile (µg/L)	Styrene (µg/L)	Technical Chlordane (µg/L)	Tetrachloro-ethene (µg/L)	Tetraethyl Dithiopyro-phosphate (µg/L)	Toluene (µg/L)	trans-1,2-Dichloro-ethene (µg/L)
RW-07	11/1/2010																	<5		330	<5
RW-07	11/11/2011	17		<5				<5	<5			10				<5		<5		31	<5
RW-07	5/8/2012	23		<5				<5	<5			10				<5		<5		35	<5
RW-07	11/19/2012	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-07	5/13/2013	100		<5				<5	<5			38				<5		<5		140	<5
RW-07	10/14/2013	<5										<5						<2		<2	<2
RW-07	5/23/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-07	5/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-07	11/17/2015	<5		<5				<5	<5			<5				<5		<5		6	<5
RW-07	1/18/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-08	10/7/2013	6		<5				<5	6.8			<5				<5		<5		<5	<5
RW-08	2/19/2014	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-08	11/17/2014	2200		<5				<5	46			650				<5		<5		20000	<5
RW-08	2/18/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-08	5/20/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
RW-08	11/17/2015	<5		<5				<5	<5			<5				<5		<5		<5	<5
TW-01	3/3/2016	<5		<5				<5	<5			<5				<5		10		<5	<5
TW-01	6/23/2016	<5		<5				<5	<5			<5				<5		6.4		<5	<5
TW-01	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
TW-02	3/3/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
TW-02	6/23/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
TW-02	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5
TW-03	3/3/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
TW-03	6/23/2016	<5		<5				<5	<5			<5				<5		<5		<5	<5
TW-03	1/17/2017	<5		<5				<5	<5			<5				<5		<5		<5	<5

< Not detected, detection l

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
DPE-109	2/26/2014	<250		1600		<100	
DPE-109	4/25/2014	<5		3000		130	
DPE-109	2/18/2015	<5		56		5.2	
DPE-118	2/26/2014	<5		11		6.2	
DPE-118	4/25/2014	<250		1300		<100	
DPE-118	2/18/2015	<5		33		<2	
DPE-305	2/26/2014	<250		1300		<100	
DPE-305	4/25/2014	<250		8600		<100	
DPE-305	2/18/2015	<2500		<2500		<1000	
DPE-307	2/26/2014	<250		<250		<100	
DPE-307	4/25/2014	<250		<250		<100	
DPE-307	2/19/2015	<25000		<25000		<10000	
DPE-307	1/18/2017	<5		7.8		<2	
DPE-313	2/26/2014	<5		<5		4.7	
DPE-313	4/25/2014	<5		<5		<2	
DPE-313	2/19/2015	<5		<5		<2	
DPE-408	2/26/2014	<250		<250		<100	
DPE-408	4/25/2014	<250		<250		<100	
DPE-408	2/18/2015	<5		19		5.4	
SP-1	1/5/2017	<5		<5		<2	
MW-02	1/1/2002			<5		807	118
MW-02	6/1/2002			<200		590	<500
MW-02	9/1/2002			<200		720	5400
MW-02	12/1/2002			<5		560	2990
MW-02	5/1/2003			<5		<2	<10
MW-02	8/1/2003			3500		<5	<10
MW-02	11/1/2003			<5		460	470
MW-02	5/1/2004			135		119	6274000
MW-02	11/1/2004			643		162	5000
MW-02	5/1/2005			590		154	1607
MW-02	11/1/2005			<5		840	1770
MW-02	5/1/2006			<5		2800	1600
MW-02	11/1/2006			<5		1790	2410
MW-02	5/1/2007			<5		1200	1300
MW-02	11/1/2007			<5		3300	3240
MW-02	5/1/2008			<5		1900	8000
MW-02	5/1/2009			<5		200	150
MW-02	8/1/2009			<5		310	300
MW-02	11/1/2009			<5		510	1790
MW-02	5/1/2010			39		600	1900
MW-02	11/1/2010			<5		910	2440
MW-02	5/24/2011	<5		<5		960	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-02	5/27/2011	<5	<10	26	<10	900	2200
MW-02	11/10/2011	<5		<5		940	
MW-02	5/16/2012	<5	<10	5.1	<10	900	1300
MW-02	11/14/2012	<5		<5		1000	
MW-02	5/16/2013	<5	<10	<5	<10	960	1200
MW-02	10/7/2013	<5		<5		790	
MW-02	5/30/2014	<5	<10	16	<10	890	1700
MW-02	11/24/2014	<5		<5		480	
MW-02	5/20/2015	<5		<5		110	
MW-02	11/13/2015	<5		<5		<2	
MW-02	1/18/2017	<5		<5		11	
MW-03	1/1/2002			250		10	32
MW-03	6/1/2002			70		3	46
MW-03	9/1/2002			1900		30	660
MW-03	12/1/2002			84.9		<2	35.2
MW-03	5/1/2003			<5		<2	<10
MW-03	11/1/2003			<5		<5	<10
MW-03	5/1/2004			272		<5	1314
MW-03	11/1/2004			<5		30	3200
MW-03	5/1/2005			<5		49	3419
MW-03	11/1/2005			78		200	890
MW-03	5/1/2006			14		49	265
MW-03	11/1/2006			27		53	68
MW-03	5/1/2007			54		<5	48
MW-03	11/1/2007			15		24	66
MW-03	5/1/2008			8.5		2.6	23.3
MW-03	11/1/2008			470		170	320
MW-03	2/1/2009			1100		73	360
MW-03	5/1/2009			890		51	<
MW-03	8/1/2009			2800		100	610
MW-03	11/1/2009			24		90	<5
MW-03	5/1/2010			21		41	<5
MW-03	11/1/2010			8.6		18	<5
MW-03	5/24/2011	<5		<5		10	
MW-03	11/9/2011	<5		22		36	
MW-03	5/15/2012	<5		5.3		49	
MW-03	11/14/2012	<5		9.2		49	
MW-03	5/16/2013	<5		<5		22	
MW-03	10/8/2013	<5		7.8		7.8	
MW-03	5/28/2014	<5		<5		<2	
MW-03	11/24/2014	<5		<5		<2	
MW-03	5/20/2015	<5		<5		<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-03	11/13/2015	<5		<5		<2	
MW-04	1/1/2002			158		<2	86
MW-04	6/1/2002			49		<2	26
MW-04	9/1/2002			210		<40	120
MW-04	12/1/2002			103		<5	360
MW-04	5/1/2003			<5		<2	<10
MW-04	11/1/2003			115		<5	458
MW-04	5/1/2004			1982		<5	729
MW-04	11/1/2004			<5		<5	96
MW-04	5/1/2005			<5		<5	247
MW-04	11/1/2005			340		<5	460
MW-04	5/1/2006			42		11	159
MW-04	11/1/2006			144		5	210
MW-04	5/1/2007			20		<5	33
MW-04	11/1/2007			420		16	147
MW-04	5/1/2008			240		52	62
MW-04	11/1/2008			310		250	264
MW-04	8/1/2009			33		20	31
MW-04	11/1/2009			1500		100	448
MW-04	5/1/2010			170		870	128
MW-04	11/1/2010			<5		25	<5
MW-04	5/25/2011	<5		<5		57	
MW-04	11/11/2011	<5		10		68	
MW-04	5/15/2012	<5		12		14	
MW-04	11/12/2012	<5		87		45	
MW-04	5/16/2013	<5		<5		16	
MW-04	10/8/2013	<5		6.2		<2	
MW-04	5/29/2014	<5		<5		<2	
MW-04	11/24/2014	<5		<5		<2	
MW-04	11/13/2015	<5		<5		4.2	
MW-05	1/1/2002			10700		<2	44
MW-05	9/1/2002			19000		<500	<1300
MW-05	12/1/2002			976		<5	34
MW-05	5/1/2003			2430		<2	415
MW-05	8/1/2003			5460		21.9	<10
MW-05	11/1/2003			950		<5	<10
MW-05	5/1/2004			<5		<5	69
MW-05	11/1/2004			2480		<5	1003
MW-05	5/1/2005			1850		<5	890
MW-05	11/1/2005			5300		14	45
MW-05	5/1/2006			740		19	120
MW-05	11/1/2006			1140		17	20

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-05	5/1/2007			69		42	230
MW-05	11/1/2007			3600		160	32
MW-05	5/1/2008			1300		55	7
MW-05	11/1/2008			<2500		<2500	<5000
MW-05	2/1/2009			320		78	<
MW-05	5/1/2009			9.4		<	<
MW-05	8/1/2009			19		<	<
MW-05	11/1/2009			190		230	<5
MW-05	5/1/2010			170		<2	6.5
MW-05	11/1/2010			1200		790	<5
MW-05	5/25/2011	<5		1700		360	
MW-05	5/27/2011	<5	<10	1300	<10	460	<5
MW-05	11/11/2011	<500		4900		<200	
MW-05	5/15/2012	<5		6400		130	
MW-05	11/15/2012	<500		4200		350	
MW-05	5/16/2013	<2500		3500		<1000	
MW-05	5/28/2014	<5		110		<2	
MW-05R	4/16/2014	<5		110		6.5	
MW-05R	11/24/2014	<5		150		<2	
MW-05R	5/20/2015	<5		17		6.5	
MW-05R	11/13/2015	<5		25		<2	
MW-06	1/1/2002			<5		<2	<10
MW-06	6/1/2002			<2		<2	<5
MW-06	9/1/2002						
MW-06	12/1/2002			<5		<5	<5
MW-06	5/1/2003			<5		<2	<5
MW-06	11/1/2003			<5		<5	<10
MW-06	5/1/2004			<5		<5	<10
MW-06	11/1/2004			<5		<5	<10
MW-06	5/1/2005			<5		<5	<10
MW-06	11/1/2005			<5		<5	<10
MW-06	5/1/2006			<5		<5	<10
MW-06	11/1/2006			<5		<5	<10
MW-06	5/1/2007			<5		<5	<10
MW-06	11/1/2007			<5		<5	<10
MW-06	5/1/2008			<5		<5	<15
MW-06	11/1/2008			<5		<5	<15
MW-06	5/1/2009			5.5		<5	<
MW-06	8/1/2009			6.2		<5	<
MW-06	11/1/2009			<5		<5	<5
MW-06	5/1/2010			<5		<5	<5
MW-06	11/1/2010			<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-06	5/23/2011	<5		<5		<2	
MW-06	11/8/2011	<5		<5		<2	
MW-06	5/8/2012	<5		<5		<2	
MW-06	11/16/2012	<5		<5		<2	
MW-06	5/14/2013	<5		<5		<2	
MW-06	10/10/2013	<5		<5		<2	
MW-06	5/20/2014	<5		<5		<2	
MW-06	11/18/2014	<5		<5		<2	
MW-06	5/15/2015	<5		<5		<2	
MW-06	11/11/2015	<5		<5		<2	
MW-07	1/1/2002			43000		115	585
MW-07	6/1/2002			94000		<2	1600
MW-07	9/1/2002			23000		<100	360
MW-07	12/1/2002			34600		<5	1120
MW-07	5/1/2003			376		2060	1893
MW-07	8/1/2003			<5		1690	1820
MW-07	11/1/2003			13000		<5	<10
MW-07	5/1/2004			<5		<5	359375
MW-07	11/1/2004			5300		<5	85
MW-07	5/1/2005			7620		<5	144
MW-07	11/1/2005			26000		<5	70
MW-07	5/1/2006			3400		<5	62
MW-07	11/1/2006			25100		<5	8
MW-07	5/1/2007			34000		<5	31
MW-07	11/1/2007			23000		3	19
MW-07	5/1/2008			23000		<2	75
MW-07	11/1/2008			18000		<5000	<10000
MW-07	2/1/2009			23000		<5	<
MW-07	5/1/2009			37000		<5	72
MW-07	8/1/2009			33000		<5	<
MW-07	11/1/2009			29000		<5	44
MW-07	5/1/2010			22000		<5	16
MW-07	11/1/2010			56000		<2500	<2500
MW-07	5/24/2011	<2500		35000		<1000	
MW-07	5/27/2011	<5	<10	73000	<10	<2	25
MW-07	11/9/2011	<2500		20000		<1000	
MW-07	5/16/2012	<5		41000		<2	
MW-07	11/15/2012	<250		22000		<100	
MW-07	5/14/2013	<5		6.4		6.8	
MW-07	10/8/2013	<5		34000		<2	
MW-07	2/19/2014	<2500		21000		<1000	
MW-07	5/29/2014	<5		120000		<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-07	11/25/2014	<500		18000		<200	
MW-07	2/18/2015	<5		12000		<2	
MW-07	5/19/2015	<5		10000		<2	
MW-07	11/17/2015	<5		10000		<2	
MW-07	1/19/2017	<5		9		2.9	
MW-08	1/1/2002			3790		341	2460
MW-08	6/1/2002			100		51	<50
MW-08	9/1/2002			260		54	13
MW-08	12/1/2002			82.8		52	110
MW-08	5/1/2003			<5		<2	<10
MW-08	11/1/2003			42		56.1	84.7
MW-08	5/1/2004			603		<5	879
MW-08	11/1/2004			<5		145	73
MW-08	5/1/2005			<5		90	77
MW-08	11/1/2005			33		17	52
MW-08	5/1/2006			760		7.6	39.8
MW-08	11/1/2006			180		<5	<10
MW-08	5/1/2007			595		<5	<10
MW-08	11/1/2007			55		63	22
MW-08	5/1/2008			33		38	121
MW-08	11/1/2008			660		24	<15
MW-08	2/1/2009			6.3		87	<
MW-08	5/1/2009			7.3		37	<
MW-08	8/1/2009			5.3		36	<
MW-08	11/1/2009			<5		18	<5
MW-08	5/1/2010			5.9		86	<5
MW-08	11/1/2010			50		60	171
MW-08	5/24/2011	<5		17		590	
MW-08	11/9/2011	<5		17		740	
MW-08	5/16/2012	<5		9.8		<2	
MW-08	11/15/2012	<5		5.7		<2	
MW-08	5/14/2013	<5		<5		<2	
MW-08	10/8/2013	<5		<5		110	
MW-08	2/19/2014	<5		7.1		170	
MW-08	5/30/2014	<5		6.4		24	
MW-08	11/25/2014	<5		<5		2.9	
MW-08	2/18/2015	<5		<5		11	
MW-08	5/21/2015	<5		<5		15	
MW-08	11/16/2015	<5		<5		160	
MW-09	1/1/2002			183		<2	<10
MW-09	6/1/2002			330		<2	5
MW-09	9/1/2002			7		<2	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-09	12/1/2002			256		<5	<5
MW-09	5/1/2003			<5		<2	<10
MW-09	11/1/2003			<5		<5	<10
MW-09	5/1/2004			32		<5	<10
MW-09	11/1/2004			<5		<5	<10
MW-09	5/1/2005			<5		<5	<10
MW-09	11/1/2005			8		<5	35
MW-09	5/1/2006			17		<5	<10
MW-09	11/1/2006			126		<5	<10
MW-09	5/1/2007			405		10	<10
MW-09	11/1/2007			25		<5	<10
MW-09	5/1/2008			10		<2	<15
MW-09	11/1/2008			1400		19	<15
MW-09	2/1/2009			3000		74	<15
MW-09	5/1/2009			1600		110	<15
MW-09	8/1/2009			590		170	<15
MW-09	11/1/2009			280		100	<5
MW-09	5/1/2010			3400		30	<5
MW-09	11/1/2010			280		22	<5
MW-09	5/24/2011	<5		12		15	
MW-09	11/11/2011	<5		49		13	
MW-09	5/14/2012	<5		57		8.2	
MW-09	11/14/2012	<5		550		12	
MW-09	5/15/2013	<5		11		3.2	
MW-09	10/10/2013	<5		<5		5.6	
MW-09	5/27/2014	<5		5.1		4.9	
MW-09	11/21/2014	<5		19		6.7	
MW-09	5/20/2015	<5		56		<2	
MW-09	11/19/2015	<5		<5		2.6	
MW-10	1/1/2002			<5		<2	<10
MW-10	6/1/2002			3		<5	<5
MW-10	9/1/2002			<2		<2	<5
MW-10	12/1/2002			<5		<5	<5
MW-10	5/1/2003			<5		<2	<10
MW-10	11/1/2003			<5		<5	<10
MW-10	5/1/2004			<5		<5	<10
MW-10	11/1/2004			<5		<5	<10
MW-10	5/1/2005			<5		<5	<10
MW-10	11/1/2005			<5		<5	25
MW-10	5/1/2006			10		<5	<10
MW-10	11/1/2006			21		<5	<10
MW-10	5/1/2007			70		<5	<10

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-10	11/1/2007			10		2	<10
MW-10	5/1/2008			<5		<2	<15
MW-10	11/1/2008			210		310	<15
MW-10	2/1/2009			220		470	<15
MW-10	5/1/2009			230		640	<15
MW-10	8/1/2009			76		77	<15
MW-10	11/1/2009			24		29	<5
MW-10	5/1/2010			8		13	<5
MW-10	11/1/2010			<5		10	<5
MW-10	5/24/2011	<5		<5		11	
MW-10	11/11/2011	<5		<5		13	
MW-10	5/15/2012	<5		<5		9.9	
MW-10	11/14/2012	<5		<5		<2	
MW-10	5/15/2013	<5		<5		3.2	
MW-10	10/10/2013	<5		<5		8.9	
MW-10	5/27/2014	<5		<5		2.5	
MW-10	11/21/2014	<5		<5		3	
MW-10	5/20/2015	<5		<5		<2	
MW-10	11/19/2015	<5		<5		<2	
MW-11	1/1/2002			6		<2	<10
MW-11	6/1/2002			6		<2	<5
MW-11	9/1/2002						
MW-11	12/1/2002			<5		<5	<5
MW-11	5/1/2003			<5		<2	<10
MW-11	11/1/2003			<5		<5	<10
MW-11	5/1/2004			7		<5	<10
MW-11	11/1/2004			<5		<5	<10
MW-11	5/1/2005			<5		<5	<10
MW-11	11/1/2005			19		<5	<10
MW-11	5/1/2006			23		<5	<10
MW-11	11/1/2006			29		<5	<10
MW-11	5/1/2007			32		<5	<10
MW-11	11/1/2007			34		<5	<10
MW-11	5/1/2008			21		<2	<15
MW-11	11/1/2008			38		<2	<15
MW-11	2/1/2009			160		<2	<15
MW-11	5/1/2009			150		<2	<15
MW-11	8/1/2009			180		<2	<15
MW-11	11/1/2009			190		<5	<5
MW-11	5/1/2010			120		<5	<5
MW-11	11/1/2010			95		<5	<5
MW-11	5/23/2011	<5		52		<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-11	11/9/2011	<5		35		<2	
MW-11	5/8/2012	<5		36		2.2	
MW-11	11/13/2012	<5		24		<2	
MW-11	5/15/2013	<5		24		3.8	
MW-11	10/9/2013	<5		15		<2	
MW-11	5/28/2014	<5		<5		<2	
MW-11	11/20/2014	<5		<5		<2	
MW-11	5/18/2015	<5		<5		<2	
MW-11	11/19/2015	<5		<5		<2	
MW-11	1/17/2017	<5		<5		<2	
MW-12	1/1/2002			<5		<2	<10
MW-12	6/1/2002			3		<2	<5
MW-12	12/1/2002			<5		<5	<5
MW-12	5/1/2003			<5		<2	<10
MW-12	11/1/2003			<5		<5	<10
MW-12	5/1/2004			11		<5	<10
MW-12	11/1/2004			<5		<5	<10
MW-12	5/1/2005			9		<5	<10
MW-12	11/1/2005			64		<5	<10
MW-12	5/1/2006			96		<5	<10
MW-12	11/1/2006			96		<5	<10
MW-12	5/1/2007			72		<5	<10
MW-12	11/1/2007			140		<5	<10
MW-12	5/1/2008			120		<2	<15
MW-12	11/1/2008			74		<5	<15
MW-12	2/1/2009			190		<5	<15
MW-12	5/1/2009			200		<5	<15
MW-12	8/1/2009			270		<5	<15
MW-12	11/1/2009			330		<5	<5
MW-12	5/1/2010			310		<5	<5
MW-12	10/1/2010			480		10	<10
MW-12	11/1/2010			310		<5	<5
MW-12	5/23/2011	<5		310		2.8	
MW-12	11/9/2011	<5		120		<2	
MW-12	5/8/2012	<5		110		<2	
MW-12	11/13/2012	<5		100		<2	
MW-12	5/15/2013	<5		160		<2	
MW-12	10/9/2013	<5		480		10	
MW-12	5/27/2014	<5		85		2.7	
MW-12	11/19/2014	<5		7.9		<2	
MW-12	5/18/2015	<5		22		<2	
MW-12	11/19/2015	<5		24		<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-13	1/1/2002			<5		<2	<10
MW-13	6/1/2002			<2		<2	<5
MW-13	9/1/2002						
MW-13	12/1/2002			<5		<5	<5
MW-13	5/1/2003			<5		<2	<10
MW-13	11/1/2003			<5		<5	<10
MW-13	5/1/2004			<5		<5	<10
MW-13	11/1/2004			<5		<5	<10
MW-13	5/1/2005			<5		<5	<10
MW-13	11/1/2005			6		<5	<10
MW-13	5/1/2006			<5		<5	<10
MW-13	11/1/2006			<5		<5	<10
MW-13	5/1/2007			<5		<5	<10
MW-13	11/1/2007			<5		<5	<10
MW-13	5/1/2008			17		<2	<15
MW-13	11/1/2008			<5		<5	<15
MW-13	11/1/2009			5.3		<5	<5
MW-13	5/1/2010			<5		<5	<5
MW-13	11/1/2010			<5		<5	<5
MW-13	5/23/2011	<5		<5		<2	
MW-13	11/10/2011	<5		<5		<2	
MW-13	5/10/2012	<5		<5		<2	
MW-13	11/13/2012	<5		<5		<2	
MW-13	5/15/2013	<5		<5		<2	
MW-13	10/9/2013	<5		<5		<2	
MW-13	5/21/2014	<5		<5		<2	
MW-13	11/19/2014	<5		<5		<2	
MW-13	5/18/2015	<5		<5		<2	
MW-13	11/19/2015	<5		<5		<2	
MW-14	1/1/2002			<5		<2	<10
MW-14	6/1/2002			<2		<2	<5
MW-14	12/1/2002			<5		<5	<5
MW-14	5/1/2003			<5		<2	<10
MW-14	11/1/2003			<5		<5	<10
MW-14	5/1/2004			6		<5	<10
MW-14	11/1/2004			<5		<5	<10
MW-14	5/1/2005			<5		<5	<10
MW-14	11/1/2005			10		<5	<10
MW-14	5/1/2006			<5		<5	<10
MW-14	11/1/2006			5		<5	<10
MW-14	5/1/2007			<5		<5	<10
MW-14	11/1/2007			<5		<5	<10

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-14	5/1/2008			13		<2	<15
MW-14	11/1/2008			5		<5	<15
MW-14	2/1/2009			<5		<5	<5
MW-14	5/1/2009			7.3		<5	<5
MW-14	8/1/2009			<5		<5	<5
MW-14	11/1/2009			<5		<5	<5
MW-14	5/1/2010			<5		<5	<5
MW-14	10/1/2010			<5		<2	<10
MW-14	11/1/2010			<5		<5	<5
MW-14	5/23/2011	<5		<5		<2	
MW-14	11/10/2011	<5		<5		<2	
MW-14	5/10/2012	<5		<5		<2	
MW-14	11/13/2012	<5		<5		<2	
MW-14	5/15/2013	<5		<5		<2	
MW-14	10/9/2013	<5		<5		<2	
MW-14	5/21/2014	<5		<5		<2	
MW-14	11/19/2014	<5		<5		<2	
MW-14	5/18/2015	<5		<5		<2	
MW-14	11/17/2015	<5		<5		<2	
MW-15	1/1/2002			<5		<2	<10
MW-15	6/1/2002			<2		<2	<5
MW-15	9/1/2002						
MW-15	12/1/2002			<5		<5	<5
MW-15	5/1/2003			<5		<2	<10
MW-15	11/1/2003			<5		<5	<10
MW-15	5/1/2004			<5		<5	<10
MW-15	11/1/2004			<5		<5	<10
MW-15	5/1/2005			<5		<5	<10
MW-15	11/1/2005			<5		<5	<10
MW-15	5/1/2006			<5		<5	<10
MW-15	11/1/2006			<5		<5	<10
MW-15	5/1/2007			<5		<5	<10
MW-15	11/1/2007			<5		<5	<10
MW-15	5/1/2008			<5		<2	<15
MW-15	11/1/2008			<5		<5	<15
MW-15	2/1/2009			<5		<5	<15
MW-15	5/1/2009			<5		<5	<15
MW-15	8/1/2009			<5		<5	<15
MW-15	11/1/2009			<5		<5	<15
MW-15	5/1/2010			<5		<5	<5
MW-15	10/1/2010			<5		<2	<10
MW-15	11/1/2010			<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-15	5/23/2011	<5		<5		<2	
MW-15	11/9/2011	<5		<5		<2	
MW-15	5/8/2012	<5		<5		<2	
MW-15	11/13/2012	<5		<5		<2	
MW-15	5/13/2013	<5		<5		<2	
MW-15	10/9/2013	<5		<5		<2	
MW-15	5/21/2014	<5		<5		<2	
MW-15	11/19/2014	<5		<5		<2	
MW-15	5/19/2015	<5		<5		<2	
MW-15	11/12/2015	<5		<5		<2	
MW-16	1/1/2002			<5		<2	<10
MW-16	6/1/2002			<2		<2	<5
MW-16	9/1/2002						
MW-16	12/1/2002			<5		<5	<5
MW-16	5/1/2003			<5		<2	<10
MW-16	11/1/2003			<5		<5	<10
MW-16	5/1/2004			<5		<5	<10
MW-16	11/1/2004			<5		<5	<10
MW-16	5/1/2005			<5		<5	<10
MW-16	11/1/2005			<5		<5	<10
MW-16	5/1/2006			<5		<5	<10
MW-16	11/1/2006			<5		<5	<10
MW-16	5/1/2007			<5		<5	<10
MW-16	11/1/2007			<5		<5	<10
MW-16	5/1/2008			<5		3.7	<15
MW-16	11/1/2008			<5		<5	<15
MW-16	2/1/2009			<5		<5	<15
MW-16	5/1/2009			<5		<5	<15
MW-16	8/1/2009			<5		<5	<15
MW-16	11/1/2009			<5		<5	<5
MW-16	5/1/2010			<5		<5	<5
MW-16	11/1/2010			<5		<5	<5
MW-16	5/23/2011	<5		<5		<2	
MW-16	11/9/2011	<5		<5		<2	
MW-16	5/8/2012	<5		<5		<2	
MW-16	11/13/2012	<5		<5		<2	
MW-16	5/13/2013	<5		<5		<2	
MW-16	10/9/2013	<5		<5		<2	
MW-16	5/21/2014	<5		<5		<2	
MW-16	11/19/2014	<5		<5		<2	
MW-16	5/19/2015	<5		<5		<2	
MW-16	11/12/2015	<5		<5		<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-17	1/1/2002			<5		<2	312
MW-17	6/1/2002			<2		<2	58
MW-17	9/1/2002			<2		<2	12
MW-17	12/1/2002			<5		<5	<5
MW-17	5/1/2003			<5		<2	<10
MW-17	11/1/2003			<5		<5	<10
MW-17	5/1/2004			<5		<5	31
MW-17	11/1/2004			<5		<5	<10
MW-17	5/1/2005			<5		<5	<10
MW-17	11/1/2005			68		6	14
MW-17	5/1/2006			39		<5	<10
MW-17	11/1/2006			5		<5	<10
MW-17	5/1/2007			36		<5	<10
MW-17	11/1/2007			37		<5	<10
MW-17	5/1/2008			<5		10	59
MW-17	11/1/2008			160		6.4	13
MW-17	2/1/2009			6.2		6.7	<10
MW-17	5/1/2009			200		<5	<10
MW-17	8/1/2009			270		<5	20
MW-17	11/1/2009			330		<5	61
MW-17	5/1/2010			<5		<5	87.5
MW-17	11/1/2010			<5		<5	50
MW-17	5/24/2011	<5		<5		13	
MW-17	11/10/2011	<5		<5		3	
MW-17	5/14/2012	<5		<5		5.2	
MW-17	11/15/2012	<5		<5		2.1	
MW-17	5/14/2013	<5		<5		21	
MW-17	10/7/2013	<5		<5		2.6	
MW-17	5/21/2014	<5		<5		11	
MW-17	11/24/2014	<5		<5		6.6	
MW-17	5/19/2015	<5		<5		<2	
MW-17	11/12/2015	<5		<5		<2	
MW-17	1/18/2017	<5		<5		<2	
MW-18	1/1/2002			<5		<2	<10
MW-18	6/1/2002			<2		<5	<5
MW-18	9/1/2002						
MW-18	12/1/2002			<5		<5	<5
MW-18	5/1/2003			<5		<2	<10
MW-18	11/1/2003			<5		<5	<10
MW-18	5/1/2004			<5		<5	<10
MW-18	11/1/2004			<5		<5	<10
MW-18	5/1/2005			<5		<5	<10

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-18	11/1/2005			<5		<5	<10
MW-18	5/1/2006			<5		<5	<10
MW-18	11/1/2006			<5		<5	<10
MW-18	5/1/2007			<5		<5	<10
MW-18	11/1/2007			<5		<5	<10
MW-18	5/1/2008			<5		<2	<15
MW-18	11/1/2008			<5		<5	<15
MW-18	5/1/2009			<5		<5	<15
MW-18	8/1/2009			<5		<5	<15
MW-18	11/1/2009			<5		<5	<5
MW-18	5/1/2010			<5		<5	<5
MW-18	11/1/2010			<5		<5	<5
MW-18	5/23/2011	<5		<5		<2	
MW-18	11/8/2011	<5		<5		<2	
MW-18	5/8/2012	<5		<5		<2	
MW-18	11/16/2012	<5		<5		<2	
MW-18	5/14/2013	<5		<5		<2	
MW-18	10/10/2013	<5		<5		<2	
MW-18	5/20/2014	<5		<5		<2	
MW-18	11/18/2014	<5		<5		<2	
MW-18	5/15/2015	<5		<5		<2	
MW-18	11/12/2015	<5		<5		<2	
MW-19	1/1/2002			13		<2	<10
MW-19	6/1/2002			8		<2	<5
MW-19	9/1/2002						
MW-19	12/1/2002			5.31		<5	<5
MW-19	5/1/2003			<5		<2	<10
MW-19	11/1/2003			<5		<5	<10
MW-19	5/1/2004			<5		<5	<10
MW-19	11/1/2004			<5		<5	<10
MW-19	5/1/2005			<5		<5	<10
MW-19	11/1/2005			<5		<5	<10
MW-19	5/1/2006			<5		<5	<10
MW-19	11/1/2006			<5		<5	<10
MW-19	5/1/2007			<5		<5	<10
MW-19	11/1/2007			<5		<5	<10
MW-19	5/1/2008			7.2		<2	<15
MW-19	11/1/2008			<5		<5	<15
MW-19	2/1/2009			<5		<5	<5
MW-19	5/1/2009			<5		<5	<5
MW-19	8/1/2009			<5		<5	<5
MW-19	11/1/2009			<5		<5	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-19	5/1/2010			<5		<5	<5
MW-19	11/1/2010			<5		<5	<5
MW-19	5/23/2011	<5		<5		<2	
MW-19	11/10/2011	<5		<5		<2	
MW-19	5/10/2012	<5		<5		<2	
MW-19	11/13/2012	<5		<5		<2	
MW-19	5/14/2013	<5		<5		<2	
MW-19	10/9/2013	<5		<5		<2	
MW-19	5/21/2014	<5		<5		<2	
MW-19	11/19/2014	<5		<5		<2	
MW-19	5/18/2015	<5		<5		<2	
MW-19	11/17/2015	<5		<5		<2	
MW-20	1/1/2002			25		76	<10
MW-20	6/1/2002			31		14	<5
MW-20	12/1/2002			<5		<5	<5
MW-20	5/1/2003			<5		<2	<10
MW-20	11/1/2003			17.3		<5	<10
MW-20	5/1/2004			275		<5	<10
MW-20	11/1/2004			<5		<5	<10
MW-20	5/1/2005			<5		<5	<10
MW-20	11/1/2005			6		<5	24
MW-20	5/1/2006			140		<5	<10
MW-20	11/1/2006			7		<5	<10
MW-20	5/1/2007			91		<5	<10
MW-20	11/1/2007			95		<5	<10
MW-20	5/1/2008			<5		<2	<15
MW-20	11/1/2008			450		8.5	<15
MW-20	2/1/2009			<5		<5	<15
MW-20	5/1/2009			<5		<5	<15
MW-20	8/1/2009			<5		<5	<15
MW-20	11/1/2009			<5		<5	<15
MW-20	5/1/2010			<5		<5	<5
MW-20	11/1/2010			<5		<5	<5
MW-20	5/24/2011	<5		<5		<2	
MW-20	11/11/2011	<5		<5		<2	
MW-20	5/15/2012	<5		<5		<2	
MW-20	11/14/2012	<5		<5		<2	
MW-20	5/15/2013	<5		<5		<2	
MW-20	10/10/2013	<5		<5		<2	
MW-20	5/27/2014	<5		<5		4.4	
MW-20	11/21/2014	<5		<5		<2	
MW-20	5/20/2015	<5		<5		<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-20	11/19/2015	<5		14		<2	
MW-20	1/18/2017	<5		<5		<2	
MW-21	1/1/2002			69400		55	15300
MW-21	12/1/2002			1960		69.4	70.6
MW-21	5/1/2003			453		<2	11.7
MW-21	11/1/2003			1080		150	507
MW-21	5/1/2004			500		<5	13
MW-21	11/1/2004			<5		<5	138
MW-21	5/1/2005			<5		12	65
MW-21	11/1/2005			<5		7	374
MW-21	5/1/2006			660		13	<10
MW-21	11/1/2006			519		21	14
MW-21	11/1/2007			650		31	20
MW-21	5/1/2008			240		59	99
MW-21	11/1/2009			98		160	11
MW-21	5/1/2010			23		2900	64
MW-21	11/1/2010			<5		620	8.2
MW-21	5/24/2011	<5		6.1		640	
MW-21	11/9/2011	<5		9.6		640	
MW-21	5/16/2012	<5		51		690	
MW-21	11/15/2012	<100		<100		500	
MW-21	5/14/2013	<5		6.4		930	
MW-21	10/8/2013	<5		<5		260	
MW-21	2/19/2014	<500		<500		780	
MW-21	5/29/2014	<5		<5		420	
MW-21	11/25/2014	<5		<5		260	
MW-21	2/18/2015	<5		<5		290	
MW-21	5/21/2015	<5		<5		34	
MW-21	11/16/2015	<5		8.2		160	
MW-21	1/19/2017	<5		6.8		1900	
MW-22	1/1/2002			17		<2	<10
MW-22	6/1/2002			11		<2	<5
MW-22	9/1/2002						
MW-22	12/1/2002			6.3		<5	<5
MW-22	5/1/2003			<5		<2	<10
MW-22	11/1/2003			<5		<5	<10
MW-22	5/1/2004			<5		<5	<10
MW-22	11/1/2004			<5		<5	<10
MW-22	5/1/2005			<5		<5	<10
MW-22	11/1/2005			22		<5	<10
MW-22	5/1/2006			44		<5	<10
MW-22	11/1/2006			24		<5	<10

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-22	5/1/2007			30		<5	<10
MW-22	11/1/2007			9		<5	<10
MW-22	5/1/2008			25		<2	<15
MW-22	11/1/2008			<5		<5	<15
MW-22	2/1/2009			<5		<5	<15
MW-22	5/1/2009			14		<5	<15
MW-22	8/1/2009			<5		<5	<15
MW-22	11/1/2009			13		<5	<5
MW-22	5/1/2010			51		<5	<5
MW-22	11/1/2010			95		<5	<5
MW-22	5/23/2011	<5		5.4		<2	
MW-22	11/9/2011	<5		<5		<2	
MW-22	5/8/2012	<5		<5		<2	
MW-22	11/15/2012	<5		<5		<2	
MW-22	5/15/2013	<5		<5		<2	
MW-22	10/9/2013	<5		<5		<2	
MW-22	5/28/2014	<5		<5		<2	
MW-22	11/19/2014	<5		<5		<2	
MW-22	5/18/2015	<5		<5		<2	
MW-22	11/19/2015	<5		<5		<2	
MW-23	1/1/2002			12		<2	<10
MW-23	6/1/2002			6		<2	<5
MW-23	9/1/2002						
MW-23	12/1/2002			<5		<5	<5
MW-23	5/1/2003			<5		<2	<10
MW-23	11/1/2003			<5		<5	<10
MW-23	5/1/2004			7		<5	<10
MW-23	11/1/2004			<5		<5	<10
MW-23	5/1/2005			<5		<5	<10
MW-23	11/1/2005			<5		<5	<10
MW-23	5/1/2006			<5		<5	<10
MW-23	11/1/2006			<5		<5	<10
MW-23	5/1/2007			<5		<5	<10
MW-23	11/1/2007			<5		<5	<10
MW-23	5/1/2008			<5		<2	<15
MW-23	11/1/2008			<5		<5	<15
MW-23	5/1/2009			<5		<5	<15
MW-23	8/1/2009			<5		<5	<15
MW-23	11/1/2009			<5		<5	<5
MW-23	5/1/2010			<5		<5	<5
MW-23	11/1/2010			<5		<5	<5
MW-23	5/23/2011	<5		<5		<2	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-23	11/8/2011	<5		<5		<2	
MW-23	5/8/2012	<5		<5		<2	
MW-23	5/15/2013	<5		6		<2	
MW-23	10/10/2013	<5		6.6		<2	
MW-23	5/20/2014	<5		<5		<2	
MW-23	11/18/2014	<5		6.4		<2	
MW-23	5/15/2015	<5		<5		<2	
MW-23	11/11/2015	<5		5.7		<2	
MW-24	1/1/2002			7		<2	69
MW-24	6/1/2002			2		<2	<5
MW-24	9/1/2002						
MW-24	12/1/2002			<5		<5	<5
MW-24	5/1/2003			<5		<2	<10
MW-24	11/1/2003			<5		<5	<10
MW-24	5/1/2004			<5		<5	<10
MW-24	11/1/2004			<5		<5	<10
MW-24	5/1/2005			<5		<5	<10
MW-24	11/1/2005			<5		<5	<10
MW-24	5/1/2006			<5		<5	<10
MW-24	11/1/2006			<5		<5	<10
MW-24	5/1/2007			<5		<5	<10
MW-24	11/1/2007			<5		<5	<10
MW-24	5/1/2008			<5		<2	<15
MW-24	11/1/2008			<5		<2	<15
MW-24	5/1/2009			<		<	<
MW-24	8/1/2009			<		<	<
MW-24	11/1/2009			<5		<5	<5
MW-24	5/1/2010			<5		<5	<5
MW-24	11/1/2010			<5		<5	<5
MW-24	5/23/2011	<5		<5		<2	
MW-24	11/8/2011	<5		<5		<2	
MW-24	5/8/2012	<5		<5		<2	
MW-24	11/16/2012	<5		<5		<2	
MW-24	5/14/2013	<5		<5		<2	
MW-24	10/10/2013	<5		<5		<2	
MW-24	5/20/2014	<5		<5		<2	
MW-24	11/19/2014	<5		<5		<2	
MW-24	5/15/2015	<5		<5		<2	
MW-24	11/11/2015	<5		<5		<2	
MW-25	1/1/2002			<5		<2	<10
MW-25	6/1/2002			<2		<2	<5
MW-25	9/1/2002						

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-25	12/1/2002			<5		<5	<5
MW-25	5/1/2003			<5		<2	<10
MW-25	11/1/2003			<5		<5	<10
MW-25	5/1/2004			<5		<5	<10
MW-25	11/1/2004			<5		<5	<10
MW-25	5/1/2005			<5		<5	<10
MW-25	11/1/2005			<5		<5	<10
MW-25	5/1/2006			<5		<5	<10
MW-25	11/1/2006			<5		<5	<10
MW-25	5/1/2007			<5		<5	<10
MW-25	11/1/2007			<5		<5	<10
MW-25	5/1/2008			<5		<2	<15
MW-25	11/1/2008			<5		<5	<15
MW-25	2/1/2009			<		<	<
MW-25	5/1/2009			<		<	<
MW-25	8/1/2009			<		<	<
MW-25	11/1/2009			<5		<5	<5
MW-25	5/25/2011	<5		<5		<2	
MW-25	5/10/2012	<5		<5		<2	
MW-25	11/19/2012	<5		<5		<2	
MW-25	5/15/2013	<5		<5		<2	
MW-25	10/10/2013	<5		<5		<2	
MW-25	5/29/2014	<5		8		<2	
MW-25	11/25/2014	<5		<5		<2	
MW-25	5/21/2015	<5		<5		<2	
MW-25	11/20/2015	<5		<5		<2	
MW-26	5/1/2010			11		<5	<5
MW-26	11/1/2010			6.2		<5	<5
MW-26	5/24/2011	<5		9.1		<2	
MW-26	11/10/2011	<5		7.2		<2	
MW-26	5/15/2012	<5		5.5		<2	
MW-26	11/14/2012	<5		<5		<2	
MW-26	5/15/2013	<5		<5		<2	
MW-26	10/7/2013	<5		6.4		<2	
MW-26	2/18/2014	<5		5		<2	
MW-26	5/23/2014	<5		<5		<2	
MW-26	11/20/2014	<5		13		<2	
MW-26	5/19/2015	<5		16		<2	
MW-26	11/16/2015	<5		<5		<2	
MW-26	1/18/2017	<5		48		<2	
MW-27	5/1/2010			63		330	5.2
MW-27	11/1/2010			54		260	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-27	5/24/2011	<5		76		230	
MW-27	11/10/2011	<5		95		160	
MW-27	5/15/2012	<5		110		200	
MW-27	11/14/2012	<5		51		59	
MW-27	5/16/2013	<5		62		73	
MW-27	10/10/2013	<5		58		32	
MW-27	2/19/2014	<5		58		17	
MW-27	5/23/2014	<5		39		22	
MW-27	11/20/2014	<5		69		5.6	
MW-27	5/19/2015	<5		38		<2	
MW-27	11/16/2015	<5		23		<2	
MW-28	5/1/2010			78		<5	<5
MW-28	11/1/2010			91		<5	<5
MW-28	5/24/2011	<5		150		<2	
MW-28	11/10/2011	<5		160		<2	
MW-28	5/16/2012	<5		170		<2	
MW-28	11/15/2012	<5		130		<2	
MW-28	5/16/2013	<5		270		<2	
MW-28	10/9/2013	<5		560		<2	
MW-28	5/28/2014	<5		580		2.3	
MW-28	11/20/2014	<5		470		9.2	
MW-28	5/19/2015	<5		340		10	
MW-28	11/20/2015	<5		280		17	
MW-28	1/20/2017	<5		140		6.2	
MW-29	5/1/2010			300		<5	<5
MW-29	11/1/2010			310		6.3	<5
MW-29	5/24/2011	<5		280		<2	
MW-29	11/11/2011	<5		300		2.7	
MW-29	5/16/2012	<5		430		<2	
MW-29	11/15/2012	<5		97		<2	
MW-29	5/16/2013	<5		180		<2	
MW-29	10/9/2013	<5		310		<2	
MW-29	5/28/2014	<5		440		8.4	
MW-29	11/20/2014	<5		480		23	
MW-29	5/19/2015	<5		430		7.3	
MW-29	11/20/2015	<5		380		27	
MW-30	10/8/2013	<5		<5		2.1	
MW-30	5/27/2014	<5		<5		<2	
MW-30	11/24/2014	<5		<5		2.1	
MW-30	5/19/2015	<5		<5		<2	
MW-30	11/12/2015	<5		<5		<2	
MW-31	10/8/2013	<5		<5		24	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-31	5/27/2014	<5		<5		17	
MW-31	11/20/2014	<5		<5		32	
MW-31	5/19/2015	<5		<5		18	
MW-31	11/12/2015	<5		<5		31	
MW-32	10/8/2013	<5		170000		<2	
MW-32	2/19/2014	<5000		500000		<2000	
MW-32	4/16/2014	<500		67000		<200	
MW-32	5/30/2014	<5		470000		<2	
MW-32	11/20/2014	<5		540000		<2	
MW-32	2/18/2015	<2500		59000		<1000	
MW-32	5/15/2015	<25000		84000		<10000	
MW-32	11/17/2015	<50		26000		<20	
MW-32	1/19/2017	<5		840		5.4	
MW-33	10/8/2013	<5		<5		350	
MW-33	5/29/2014	<5		47		4.4	
MW-33	11/24/2014	<5		<5		90	
MW-33	5/21/2015	<5		<5		15	
MW-33	11/16/2015	<5		<5		18	
MW-34	4/16/2014	<5		4900		<2	
MW-34	11/24/2014	<5		400		<2	
MW-34	2/18/2015	<5		160		<2	
MW-34	5/21/2015	<5		120		<2	
MW-34	11/16/2015	<5		94		<2	
MW-35	4/16/2014	<250		14000		<100	
MW-35	11/24/2014	<500		69000		<200	
MW-35	2/18/2015	<5		8400		<2	
MW-35	5/21/2015	<5		12000		<2	
MW-35	11/16/2015	<5		760		<2	
MW-36	4/17/2014	<250		16000		<100	
MW-36	11/20/2014	<5		5500		10	
MW-36	2/18/2015	<5		4800		10	
MW-36	5/15/2015	<5		330		13	
MW-36	11/17/2015	<50		1200		78	
MW-37	1/6/2016	<5		26		<2	
MW-37	1/17/2017	<5		160		4.8	
MW-38	1/6/2016	<5		5.5		<2	
MW-38	1/17/2017	<5		<5		<2	
MW-39	6/23/2016	<5		310		<2	
MW-39	1/17/2017	<5		<5		<2	
MW-40	6/23/2016	<5		9		3.6	
MW-40	1/17/2017	<5		19		7.1	
MW-41	6/23/2016	<5		130000		36	

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
MW-41	1/17/2017	<500		150000		<200	
MW-42	6/23/2016	<5		<5		<2	
MW-42	1/17/2017	<5		25		<2	
MW-43	6/23/2016	<5		32		<2	
MW-44	6/23/2016	<5		3700		16	
MW-45	6/23/2016	<5		260		3.2	
MW-45	1/17/2017	<5		240		2.2	
MW-46	6/23/2016	<5		29000		4.5	
MW-47	6/23/2016	<5		620		6.8	
MW-48	6/23/2016	<5		960		5.5	
MW-48	1/18/2017	<5		660		5	
MW-49	10/7/2016	<5		<5		<2	
MW-50	10/7/2016	<5		<5		<2	
MW-51	10/7/2016	<5		330		5.7	
MW-51	1/16/2017	<5		240		4.9	
MW-52	10/7/2016	<5		<5		<2	
MW-52	1/16/2017	<5		<5		<2	
MW-53	10/7/2016	<5		<5		<2	
MW-54	10/7/2016	<5		<5		<2	
MW-54	1/16/2017	<5		<5		<2	
MW-55	10/7/2016	<5		8.2		<2	
MW-55	1/16/2017	<5		9.5		<2	
MW-56	10/7/2016	<5		21		<2	
MW-56	1/16/2017	<5		27		<2	
MW-57	10/7/2016	<5		57		<2	
MW-57	1/16/2017	<5		21		<2	
RW-01	1/1/2002			<5		<2	<10
RW-01	6/1/2002			<2		<2	<5
RW-01	9/1/2002			<2		<2	<5
RW-01	12/1/2002			<5		<5	<5
RW-01	5/1/2003			<5		<2	<10
RW-02	1/1/2002			2030		828	2470
RW-02	6/1/2002			1400		650	1800
RW-02	9/1/2002			1200		500	<500
RW-02	12/1/2002			360		<5	160
RW-02	5/1/2003			116		293	87
RW-02	11/1/2003			73		460	1132
RW-02	5/1/2004			954		204	1161
RW-02	11/1/2004			<5		93	1448
RW-02	5/1/2005			<5		69	1146
RW-02	11/1/2005			240		470	1310
RW-02	5/1/2006			330		360	238

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
RW-02	11/1/2006			233		1030	379
RW-02	5/1/2007			132		51	170
RW-02	11/1/2007			420		1100	420
RW-02	5/1/2008			230		910	590
RW-02	11/1/2008			290		80	12
RW-02	2/1/2009			170		260	48
RW-02	5/1/2009			170		140	<
RW-02	8/1/2009			350		490	92
RW-02	11/1/2009			65		390	286
RW-02	5/1/2010			110		1400	1980
RW-02	11/1/2010			<100		820	2100
RW-02	11/11/2011	<500		<500		1100	
RW-02	5/8/2012	<5		44		1300	
RW-02	11/19/2012	<5		41		120	
RW-02	5/13/2013	<100		<100		500	
RW-02	10/14/2013	<2		71		1100	3400
RW-02	5/23/2014	<500		<500		940	
RW-02	11/25/2014	<5		180		480	
RW-02	2/18/2015	<250		<250		420	
RW-02	5/18/2015	<5		53		39	
RW-02	11/17/2015	<5		32		370	
RW-03	1/1/2002			44		<2	<10
RW-03	6/1/2002			310		3	<5
RW-03	9/1/2002			530		<10	<25
RW-03	12/1/2002			37		12.4	<5
RW-03	5/1/2003			<5		<2	<10
RW-03	11/1/2003			69		12	<10
RW-03	5/1/2004			895		<5	<10
RW-03	11/1/2004			<5		<5	<10
RW-03	5/1/2005			<5		12	<10
RW-03	11/1/2005			620		70	<10
RW-03	5/1/2006			510		44	<10
RW-03	11/1/2006			717		195	<10
RW-03	5/1/2007			766		77	<10
RW-03	11/1/2007			200		13	<10
RW-03	5/1/2008			100		15	<15
RW-03	11/1/2008			950		110	<15
RW-03	2/1/2009			790		130	<
RW-03	5/1/2009			1100		130	<
RW-03	8/1/2009			850		200	<
RW-03	11/1/2009			740		180	<5
RW-03	5/1/2010			120		100	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
RW-03	11/1/2010			55		23	<5
RW-03	11/11/2011	<5		26		6	
RW-03	5/8/2012	<5		38		4.9	
RW-03	11/19/2012	<5		52		4.6	
RW-03	5/13/2013	<5		13		8.5	
RW-03	10/14/2013	<2		5.1		7.8	<5
RW-03	5/23/2014	<5		<5		6.7	
RW-03	11/17/2014	<5		<5		8.8	
RW-03	5/20/2015	<5		<5		4	
RW-03	11/17/2015	<5		5.6		4.9	
RW-04	1/1/2002			<5		<2	<10
RW-04	6/1/2002			6		<2	<5
RW-04	9/1/2002						
RW-04	12/1/2002			296		<5	<5
RW-04	5/1/2003			<5		<2	<10
RW-04	11/1/2003			<5		<5	<10
RW-04	5/1/2004			21		<5	<10
RW-04	11/1/2004			<5		<5	<10
RW-04	5/1/2005			12		<5	<10
RW-04	11/1/2005			68		<5	<10
RW-04	5/1/2006			62		2	<10
RW-04	11/1/2006			42		<5	<10
RW-04	5/1/2007			52		<5	<10
RW-04	11/1/2007			64		<5	<10
RW-04	5/1/2008			51		<2	<15
RW-04	11/1/2008			83		68	<15
RW-04	2/1/2009			93		40	<
RW-04	5/1/2009			91		16	<
RW-04	8/1/2009			110		98	<
RW-04	11/1/2009			110		<5	<5
RW-04	5/1/2010			72		25	<5
RW-04	11/1/2010			52		<5	<5
RW-04	11/9/2011	<5		47		<2	
RW-04	5/8/2012	<5		46		<2	
RW-04	11/19/2012	<5		52		<2	
RW-04	5/13/2013	<5		32		<2	
RW-04	10/14/2013	<2		5.5		<2	<5
RW-04	5/23/2014	<5		<5		<2	
RW-04	11/17/2014	<5		5.4		<2	
RW-04	5/20/2015	<5		<5		<2	
RW-05	1/1/2002			<5		<2	<10
RW-05	6/1/2002			<2		<2	<5

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
RW-05	9/1/2002						
RW-05	12/1/2002			<5		<5	<5
RW-06	5/1/2004			274		<5	<10
RW-06	11/1/2004			<5		<5	<10
RW-06	5/1/2005			5		<5	<10
RW-06	11/1/2005			5		<5	<10
RW-06	5/1/2006			6.7		<5	<10
RW-06	11/1/2006			30		14	<10
RW-06	5/1/2007			31		<5	<10
RW-06	11/1/2007			<5		<5	<10
RW-06	5/1/2008			<5		<5	<15
RW-06	11/1/2008			<5		<2	9.6
RW-06	2/1/2009			130		84	<10
RW-06	5/1/2009			98		95	<10
RW-06	8/1/2009			66		36	<10
RW-06	11/1/2009			42		13	<10
RW-06	5/1/2010			16		17	<5
RW-06	11/1/2010			34		35	<5
RW-06	11/11/2011	<5		16		11	
RW-06	5/8/2012	<5		<5		6.4	
RW-06	11/19/2012	<5		17		18	
RW-06	5/13/2013	<5		12		16	
RW-06	10/14/2013	<2		17		16	<5
RW-06	5/23/2014	<5		16		44	
RW-06	11/17/2014	<5		13		19	
RW-06	5/18/2015	<5		8.1		21	
RW-06	11/17/2015	<5		11		25	
RW-07	5/1/2004			165		<5	<10
RW-07	11/1/2004			4900		<5	28
RW-07	5/1/2005			4700		<5	14
RW-07	11/1/2005						
RW-07	5/1/2006			<5		<5	<10
RW-07	11/1/2006			<5		<5	<10
RW-07	5/1/2007			<5		<5	<10
RW-07	11/1/2007			<5		6	<10
RW-07	5/1/2008			<5		970	97
RW-07	11/1/2008			13		<5	6.1
RW-07	2/1/2009			5.7		<	<
RW-07	5/1/2009			5.2		<	<
RW-07	8/1/2009			5.3		<	<
RW-07	11/1/2009			<5		<5	<5
RW-07	5/1/2010			22		2900	3040

Table 1. All Groundwater VOC Results

Location	Date Sampled	trans-1,3-Dichloro-propene (µg/L)	trans-1,4-Dichloro-2-butene (µg/L)	Trichloro-ethene (µg/L)	Vinyl acetate (µg/L)	Vinyl chloride (µg/L)	Xylenes (unspecified) (µg/L)
RW-07	11/1/2010			<5		120	124
RW-07	11/11/2011	<5		<5		8.8	
RW-07	5/8/2012	<5		<5		13	
RW-07	11/19/2012	<5		<5		4.2	
RW-07	5/13/2013	<5		<5		58	
RW-07	10/14/2013	<2		2.5		6.4	<5
RW-07	5/23/2014	<5		<5		17	
RW-07	5/18/2015	<5		<5		13	
RW-07	11/17/2015	<5		<5		3.2	
RW-07	1/18/2017	<5		6.7		140	
RW-08	10/7/2013	<5		3500		20	
RW-08	2/19/2014	<5		400		48	
RW-08	11/17/2014	<5		120		1000	
RW-08	2/18/2015	<5		170		2.1	
RW-08	5/20/2015	<5		410		4.9	
RW-08	11/17/2015	<5		290		13	
TW-01	3/3/2016	<5		8.2		<2	
TW-01	6/23/2016	<5		19		2.6	
TW-01	1/17/2017	<5		43		7.4	
TW-02	3/3/2016	<5		<5		<2	
TW-02	6/23/2016	<5		<5		<2	
TW-02	1/17/2017	<5		<5		<2	
TW-03	3/3/2016	<5		<5		<2	
TW-03	6/23/2016	<5		<5		<2	
TW-03	1/17/2017	<5		<5		<2	

< Not detected, detection l

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
DPE-109	2/26/2014		<250	<250		<250		<250														
DPE-109	4/25/2014		<5	<5		<5		<5														
DPE-109	2/18/2015		<5	<5		<5		<5														
DPE-118	2/26/2014		<5	<5		<5		<5														
DPE-118	4/25/2014		<250	<250		<250		<250														
DPE-118	2/18/2015		<5	<5		<5		<5														
DPE-305	2/26/2014		<250	<250		<250		<250														
DPE-305	4/25/2014		<250	<250		<250		<250														
DPE-305	2/18/2015		<2500	<2500		<2500		<2500														
DPE-307	2/26/2014		<250	<250		<250		<250														
DPE-307	4/25/2014		<250	<250		<250		<250														
DPE-307	2/19/2015		<25000	<25000		<25000		<25000														
DPE-307	1/18/2017		<5	<5		<5		<5														
DPE-313	2/26/2014		<5	<5		<5		<5														
DPE-313	4/25/2014		<5	<5		<5		<5														
DPE-313	2/19/2015		<5	<5		<5		<5														
DPE-408	2/26/2014		<250	<250		<250		<250														
DPE-408	4/25/2014		<250	<250		<250		<250														
DPE-408	2/18/2015		<5	<5		<5		<5														
MW-02	5/24/2011		<5	<5		<5		<5														
DPE-408	2/18/2015		<5	<5		<5		<5														
MW-02	5/24/2011		<5	<5		<5		<5														
MW-02	5/27/2011	<10	<10	<5	<10	<5	<20	<5	<10	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<20	<10	<10
MW-02	11/10/2011		<5	<5		<5		<5														
MW-02	5/16/2012	<10	<10	<5	<10	<5	<20	<5	<10	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<20	<10	<10
MW-02	11/14/2012		<5	<5		<5		<5														
MW-02	5/16/2013	<10	<10	<5	<10	<5	<20	<5	<10	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<20	<10	<10
MW-02	10/7/2013		<5	<5		<5		<5														
MW-02	5/30/2014	<10	<10	<5	<10	<5	<20	<5	<10	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<20	<10	<10
MW-02	11/24/2014		<5	<5		<5		<5														
MW-02	5/20/2015		<5	<5		<5		<5														
MW-02	11/13/2015		<5	<5		<5		<5														
MW-02	1/18/2017		<5	<5		<5		<5														
MW-03	5/24/2011		<5	<5		<5		<5														
MW-03	11/9/2011		<5	<5		<5		<5														
MW-03	5/15/2012		<5	<5		<5		<5														
MW-03	11/14/2012		<5	<5		<5		<5														
MW-03	5/16/2013		<5	<5		<5		<5														
MW-03	10/8/2013		<5	<5		<5		<5														
MW-03	5/28/2014		<5	<5		<5		<5														
MW-03	11/24/2014		<5	<5		<5		<5														
MW-03	5/20/2015		<5	<5		<5		<5														
MW-03	11/13/2015		<5	<5		<5		<5														
MW-04	5/25/2011		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-04	11/11/2011		<5	<5		<5		<5														
MW-04	5/15/2012		<5	<5		<5		<5														
MW-04	11/12/2012		<5	<5		<5		<5														
MW-04	5/16/2013		<5	<5		<5		<5														
MW-04	10/8/2013		<5	<5		<5		<5														
MW-04	5/29/2014		<5	<5		<5		<5														
MW-04	11/24/2014		<5	<5		<5		<5														
MW-04	11/13/2015		<5	<5		<5		<5														
MW-05	5/25/2011		<5	<5		<5		<5														
MW-05	5/27/2011	<10	<10	<5	<10	<5	<20	<5	<10	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<20	<10	<10
MW-05	11/11/2011		<500	<500		<500		<500														
MW-05	5/15/2012		<5	<5		<5		<5														
MW-05	11/15/2012		<500	<500		<500		<500														
MW-05	5/16/2013		<2500	<2500		<2500		<2500														
MW-05	5/28/2014		<5	<5		<5		<5														
MW-05R	4/16/2014		<5	<5		<5		<5														
MW-05R	11/24/2014		<5	<5		<5		<5														
MW-05R	5/20/2015		<5	<5		<5		<5														
MW-05R	11/13/2015		<5	<5		<5		<5														
MW-06	5/23/2011		<5	<5		<5		<5														
MW-06	11/8/2011		<5	<5		<5		<5														
MW-06	5/8/2012		<5	<5		<5		<5														
MW-06	11/16/2012		<5	<5		<5		<5														
MW-06	5/14/2013		<5	<5		<5		<5														
MW-06	10/10/2013		<5	<5		<5		<5														
MW-06	5/20/2014		<5	<5		<5		<5														
MW-06	11/18/2014		<5	<5		<5		<5														
MW-06	5/15/2015		<5	<5		<5		<5														
MW-06	11/11/2015		<5	<5		<5		<5														
MW-07	5/24/2011		<2500	<2500		<2500		<2500														
MW-07	5/27/2011	<10	<10	<5	<10	<5	<20	<5	<10	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<20	<10	<10
MW-07	11/9/2011		<2500	<2500		<2500		<2500														
MW-07	5/16/2012		<5	<5		<5		<5														
MW-07	11/15/2012		<250	<250		<250		<250														
MW-07	5/14/2013		<5	<5		<5		<5														
MW-07	10/8/2013		<5	<5		<5		<5														
MW-07	2/19/2014		<2500	<2500		<2500		<2500														
MW-07	5/29/2014		<5	<5		<5		<5														
MW-07	11/25/2014		<500	<500		<500		<500														
MW-07	2/18/2015		<5	<5		<5		<5														
MW-07	5/19/2015		<5	<5		<5		<5														
MW-07	11/17/2015		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-07	1/19/2017		<5	<5		<5		<5														
MW-08	5/24/2011		<5	<5		<5		<5														
MW-08	11/9/2011		<5	<5		<5		<5														
MW-08	5/16/2012		<5	<5		<5		<5														
MW-08	11/15/2012		<5	<5		<5		<5														
MW-08	5/14/2013		<5	<5		<5		<5														
MW-08	10/8/2013		<5	<5		<5		<5														
MW-08	2/19/2014		<5	<5		<5		<5														
MW-08	5/30/2014		<5	<5		<5		<5														
MW-08	11/25/2014		<5	<5		<5		<5														
MW-08	2/18/2015		<5	<5		<5		<5														
MW-08	5/21/2015		<5	<5		<5		<5														
MW-08	11/16/2015		<5	<5		<5		<5														
MW-09	5/24/2011		<5	<5		<5		<5														
MW-09	11/11/2011		<5	<5		<5		<5														
MW-09	5/14/2012		<5	<5		<5		<5														
MW-09	11/14/2012		<5	<5		<5		<5														
MW-09	5/15/2013		<5	<5		<5		<5														
MW-09	10/10/2013		<5	<5		<5		<5														
MW-09	5/27/2014		<5	<5		<5		<5														
MW-09	11/21/2014		<5	<5		<5		<5														
MW-09	5/20/2015		<5	<5		<5		<5														
MW-09	11/19/2015		<5	<5		<5		<5														
MW-10	5/24/2011		<5	<5		<5		<5														
MW-10	11/11/2011		<5	<5		<5		<5														
MW-10	5/15/2012		<5	<5		<5		<5														
MW-10	11/14/2012		<5	<5		<5		<5														
MW-10	5/15/2013		<5	<5		<5		<5														
MW-10	10/10/2013		<5	<5		<5		<5														
MW-10	5/27/2014		<5	<5		<5		<5														
MW-10	11/21/2014		<5	<5		<5		<5														
MW-10	5/20/2015		<5	<5		<5		<5														
MW-10	11/19/2015		<5	<5		<5		<5														
MW-11	5/23/2011		<5	<5		<5		<5														
MW-11	11/9/2011		<5	<5		<5		<5														
MW-11	5/8/2012		<5	<5		<5		<5														
MW-11	11/13/2012		<5	<5		<5		<5														
MW-11	5/15/2013		<5	<5		<5		<5														
MW-11	10/9/2013		<5	<5		<5		<5														
MW-11	5/28/2014		<5	<5		<5		<5														
MW-11	11/20/2014		<5	<5		<5		<5														
MW-11	5/18/2015		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-11	11/19/2015		<5	<5		<5		<5														
MW-11	1/17/2017		<5	<5		<5		<5														
MW-12	5/23/2011		<5	<5		<5		<5														
MW-12	11/9/2011		<5	<5		<5		<5														
MW-12	5/8/2012		<5	<5		<5		<5														
MW-12	11/13/2012		<5	<5		<5		<5														
MW-12	5/15/2013		<5	<5		<5		<5														
MW-12	10/9/2013		<5	<5		<5		<5														
MW-12	5/27/2014		<5	<5		<5		<5														
MW-12	11/19/2014		<5	<5		<5		<5														
MW-12	5/18/2015		<5	<5		<5		<5														
MW-12	11/19/2015		<5	<5		<5		<5														
MW-13	5/23/2011		<5	<5		<5		<5														
MW-13	11/10/2011		<5	<5		<5		<5														
MW-13	5/10/2012		<5	<5		<5		<5														
MW-13	11/13/2012		<5	<5		<5		<5														
MW-13	5/15/2013		<5	<5		<5		<5														
MW-13	10/9/2013		<5	<5		<5		<5														
MW-13	5/21/2014		<5	<5		<5		<5														
MW-13	11/19/2014		<5	<5		<5		<5														
MW-13	5/18/2015		<5	<5		<5		<5														
MW-13	11/19/2015		<5	<5		<5		<5														
MW-14	5/23/2011		<5	<5		<5		<5														
MW-14	11/10/2011		<5	<5		<5		<5														
MW-14	5/10/2012		<5	<5		<5		<5														
MW-14	11/13/2012		<5	<5		<5		<5														
MW-14	5/15/2013		<5	<5		<5		<5														
MW-14	10/9/2013		<5	<5		<5		<5														
MW-14	5/21/2014		<5	<5		<5		<5														
MW-14	11/19/2014		<5	<5		<5		<5														
MW-14	5/18/2015		<5	<5		<5		<5														
MW-14	11/17/2015		<5	<5		<5		<5														
MW-15	5/23/2011		<5	<5		<5		<5														
MW-15	11/9/2011		<5	<5		<5		<5														
MW-15	5/8/2012		<5	<5		<5		<5														
MW-15	11/13/2012		<5	<5		<5		<5														
MW-15	5/13/2013		<5	<5		<5		<5														
MW-15	10/9/2013		<5	<5		<5		<5														
MW-15	5/21/2014		<5	<5		<5		<5														
MW-15	11/19/2014		<5	<5		<5		<5														
MW-15	5/19/2015		<5	<5		<5		<5														
MW-15	11/12/2015		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-16	5/23/2011		<5	<5		<5		<5														
MW-16	11/9/2011		<5	<5		<5		<5														
MW-16	5/8/2012		<5	<5		<5		<5														
MW-16	11/13/2012		<5	<5		<5		<5														
MW-16	5/13/2013		<5	<5		<5		<5														
MW-16	10/9/2013		<5	<5		<5		<5														
MW-16	5/21/2014		<5	<5		<5		<5														
MW-16	11/19/2014		<5	<5		<5		<5														
MW-16	5/19/2015		<5	<5		<5		<5														
MW-16	11/12/2015		<5	<5		<5		<5														
MW-17	5/24/2011		<5	<5		<5		<5														
MW-17	11/10/2011		<5	<5		<5		<5														
MW-17	5/14/2012		<5	<5		<5		<5														
MW-17	11/15/2012		<5	<5		<5		<5														
MW-17	5/14/2013		<5	<5		<5		<5														
MW-17	10/7/2013		<5	<5		<5		<5														
MW-17	5/21/2014		<5	<5		<5		<5														
MW-17	11/24/2014		<5	<5		<5		<5														
MW-17	5/19/2015		<5	<5		<5		<5														
MW-17	11/12/2015		<5	<5		<5		<5														
MW-17	1/18/2017		<5	<5		<5		<5														
MW-18	5/23/2011		<5	<5		<5		<5														
MW-18	11/8/2011		<5	<5		<5		<5														
MW-18	5/8/2012		<5	<5		<5		<5														
MW-18	11/16/2012		<5	<5		<5		<5														
MW-18	5/14/2013		<5	<5		<5		<5														
MW-18	10/10/2013		<5	<5		<5		<5														
MW-18	5/20/2014		<5	<5		<5		<5														
MW-18	11/18/2014		<5	<5		<5		<5														
MW-18	5/15/2015		<5	<5		<5		<5														
MW-18	11/12/2015		<5	<5		<5		<5														
MW-19	5/23/2011		<5	<5		<5		<5														
MW-19	11/10/2011		<5	<5		<5		<5														
MW-19	5/10/2012		<5	<5		<5		<5														
MW-19	11/13/2012		<5	<5		<5		<5														
MW-19	5/14/2013		<5	<5		<5		<5														
MW-19	10/9/2013		<5	<5		<5		<5														
MW-19	5/21/2014		<5	<5		<5		<5														
MW-19	11/19/2014		<5	<5		<5		<5														
MW-19	5/18/2015		<5	<5		<5		<5														
MW-19	11/17/2015		<5	<5		<5		<5														
MW-20	5/24/2011		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-20	11/11/2011		<5	<5		<5		<5														
MW-20	5/15/2012		<5	<5		<5		<5														
MW-20	11/14/2012		<5	<5		<5		<5														
MW-20	5/15/2013		<5	<5		<5		<5														
MW-20	10/10/2013		<5	<5		<5		<5														
MW-20	5/27/2014		<5	<5		<5		<5														
MW-20	11/21/2014		<5	<5		<5		<5														
MW-20	5/20/2015		<5	<5		<5		<5														
MW-20	11/19/2015		<5	<5		<5		<5														
MW-20	1/18/2017		<5	<5		<5		<5														
MW-21	5/24/2011		<5	<5		<5		<5														
MW-21	11/9/2011		<5	<5		<5		<5														
MW-21	5/16/2012		<5	<5		<5		<5														
MW-21	11/15/2012		<100	<100		<100		<100														
MW-21	5/14/2013		<5	<5		<5		<5														
MW-21	10/8/2013		<5	<5		<5		<5														
MW-21	2/19/2014		<500	<500		<500		<500														
MW-21	5/29/2014		<5	<5		<5		<5														
MW-21	11/25/2014		<5	<5		<5		<5														
MW-21	2/18/2015		<5	<5		<5		<5														
MW-21	5/21/2015		<5	<5		<5		<5														
MW-21	11/16/2015		<5	<5		<5		<5														
MW-21	1/19/2017		<5	<5		<5		<5														
MW-22	5/23/2011		<5	<5		<5		<5														
MW-22	11/9/2011		<5	<5		<5		<5														
MW-22	5/8/2012		<5	<5		<5		<5														
MW-22	11/15/2012		<5	<5		<5		<5														
MW-22	5/15/2013		<5	<5		<5		<5														
MW-22	10/9/2013		<5	<5		<5		<5														
MW-22	5/28/2014		<5	<5		<5		<5														
MW-22	11/19/2014		<5	<5		<5		<5														
MW-22	5/18/2015		<5	<5		<5		<5														
MW-22	11/19/2015		<5	<5		<5		<5														
MW-23	5/23/2011		<5	<5		<5		<5														
MW-23	11/8/2011		<5	<5		<5		<5														
MW-23	5/8/2012		<5	<5		<5		<5														
MW-23	5/15/2013		<5	<5		<5		<5														
MW-23	10/10/2013		<5	<5		<5		<5														
MW-23	5/20/2014		<5	<5		<5		<5														
MW-23	11/18/2014		<5	<5		<5		<5														
MW-23	5/15/2015		<5	<5		<5		<5														
MW-23	11/11/2015		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-24	5/23/2011		<5	<5		<5		<5														
MW-24	11/8/2011		<5	<5		<5		<5														
MW-24	5/8/2012		<5	<5		<5		<5														
MW-24	11/16/2012		<5	<5		<5		<5														
MW-24	5/14/2013		<5	<5		<5		<5														
MW-24	10/10/2013		<5	<5		<5		<5														
MW-24	5/20/2014		<5	<5		<5		<5														
MW-24	11/19/2014		<5	<5		<5		<5														
MW-24	5/15/2015		<5	<5		<5		<5														
MW-24	11/11/2015		<5	<5		<5		<5														
MW-25	5/25/2011		<5	<5		<5		<5														
MW-25	5/10/2012		<5	<5		<5		<5														
MW-25	11/19/2012		<5	<5		<5		<5														
MW-25	5/15/2013		<5	<5		<5		<5														
MW-25	10/10/2013		<5	<5		<5		<5														
MW-25	5/29/2014		<5	<5		<5		<5														
MW-25	11/25/2014		<5	<5		<5		<5														
MW-25	5/21/2015		<5	<5		<5		<5														
MW-25	11/20/2015		<5	<5		<5		<5														
MW-26	5/24/2011		<5	<5		<5		<5														
MW-26	11/10/2011		<5	<5		<5		<5														
MW-26	5/15/2012		<5	<5		<5		<5														
MW-26	11/14/2012		<5	<5		<5		<5														
MW-26	5/15/2013		<5	<5		<5		<5														
MW-26	10/7/2013		<5	<5		<5		<5														
MW-26	2/18/2014		<5	<5		<5		<5														
MW-26	5/23/2014		<5	<5		<5		<5														
MW-26	11/20/2014		<5	<5		<5		<5														
MW-26	5/19/2015		<5	<5		<5		<5														
MW-26	11/16/2015		<5	<5		<5		<5														
MW-26	1/18/2017		<5	<5		<5		<5														
MW-27	5/24/2011		<5	<5		<5		<5														
MW-27	11/10/2011		<5	<5		<5		<5														
MW-27	5/15/2012		<5	<5		<5		<5														
MW-27	11/14/2012		<5	<5		<5		<5														
MW-27	5/16/2013		<5	<5		<5		<5														
MW-27	10/10/2013		<5	<5		<5		<5														
MW-27	2/19/2014		<5	<5		<5		<5														
MW-27	5/23/2014		<5	<5		<5		<5														
MW-27	11/20/2014		<5	<5		<5		<5														
MW-27	5/19/2015		<5	<5		<5		<5														
MW-27	11/16/2015		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-28	5/24/2011		<5	<5		<5		<5														
MW-28	11/10/2011		<5	<5		<5		<5														
MW-28	5/16/2012		<5	<5		<5		<5														
MW-28	11/15/2012		<5	<5		<5		<5														
MW-28	5/16/2013		<5	<5		<5		<5														
MW-28	10/9/2013		<5	<5		<5		<5														
MW-28	5/28/2014		<5	<5		<5		<5														
MW-28	11/20/2014		<5	<5		<5		<5														
MW-28	5/19/2015		<5	<5		<5		<5														
MW-28	11/20/2015		<5	<5		<5		<5														
MW-28	1/20/2017		<5	<5		<5		<5														
MW-29	5/24/2011		<5	<5		<5		<5														
MW-29	11/11/2011		<5	<5		<5		<5														
MW-29	5/16/2012		<5	<5		<5		<5														
MW-29	11/15/2012		<5	<5		<5		<5														
MW-29	5/16/2013		<5	<5		<5		<5														
MW-29	10/9/2013		<5	<5		<5		<5														
MW-29	5/28/2014		<5	<5		<5		<5														
MW-29	11/20/2014		<5	<5		<5		<5														
MW-29	5/19/2015		<5	<5		<5		<5														
MW-29	11/20/2015		<5	<5		<5		<5														
MW-30	10/8/2013		<5	<5		<5		<5														
MW-30	5/27/2014		<5	<5		<5		<5														
MW-30	11/24/2014		<5	<5		<5		<5														
MW-30	5/19/2015		<5	<5		<5		<5														
MW-30	11/12/2015		<5	<5		<5		<5														
MW-31	10/8/2013		<5	<5		<5		<5														
MW-31	5/27/2014		<5	<5		<5		<5														
MW-31	11/20/2014		<5	<5		<5		<5														
MW-31	5/19/2015		<5	<5		<5		<5														
MW-31	11/12/2015		<5	<5		<5		<5														
MW-32	10/8/2013		<5	<5		<5		<5														
MW-32	2/19/2014		<5000	<5000		<5000		<5000														
MW-32	4/16/2014		<500	<500		<500		<500														
MW-32	5/30/2014		<5	<5		<5		<5														
MW-32	11/20/2014		<5	<5		<5		<5														
MW-32	2/18/2015		<2500	<2500		<2500		<2500														
MW-32	5/15/2015		<25000	<25000		<25000		<25000														
MW-32	11/17/2015		<50	<50		<50		<50														
MW-32	1/19/2017		<5	<5		<5		<5														
MW-33	10/8/2013		<5	<5		<5		<5														
MW-33	5/29/2014					<5																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-33	11/24/2014		<5	<5		<5		<5														
MW-33	5/21/2015		<5	<5		<5		<5														
MW-33	11/16/2015		<5	<5		<5		<5														
MW-34	4/16/2014		<5	<5		<5		<5														
MW-34	11/24/2014		<5	<5		<5		<5														
MW-34	2/18/2015		<5	<5		<5		<5														
MW-34	5/21/2015		<5	<5		<5		<5														
MW-34	11/16/2015		<5	<5		<5		<5														
MW-35	4/16/2014		<250	<250		<250		<250														
MW-35	11/24/2014		<500	<500		<500		<500														
MW-35	2/18/2015		<5	<5		<5		<5														
MW-35	5/21/2015		<5	<5		<5		<5														
MW-35	11/16/2015		<5	<5		<5		<5														
MW-36	4/17/2014		<250	<250		<250		<250														
MW-36	11/20/2014		<5	<5		<5		<5														
MW-36	2/18/2015		<5	<5		<5		<5														
MW-36	5/15/2015		<5	<5		<5		<5														
MW-36	11/17/2015		<50	<50		<50		<50														
MW-37	1/6/2016		<5	<5		<5		<5														
MW-37	1/17/2017		<5	<5		<5		<5														
MW-38	1/6/2016		<5	<5		<5		<5														
MW-38	1/17/2017		<5	<5		<5		<5														
MW-39	6/23/2016		<5	<5		<5		<5														
MW-39	1/17/2017		<5	<5		<5		<5														
MW-40	6/23/2016		<5	<5		<5		<5														
MW-40	1/17/2017		<5	<5		<5		<5														
MW-41	6/23/2016		<5	<5		<5		<5														
MW-41	1/17/2017		<500	<500		<500		<500														
MW-42	6/23/2016		<5	<5		<5		<5														
MW-42	1/17/2017		<5	<5		<5		<5														
MW-43	6/23/2016		<5	<5		<5		<5														
MW-44	6/23/2016		<5	<5		<5		<5														
MW-45	6/23/2016		<5	<5		<5		<5														
MW-45	1/17/2017		<5	<5		<5		<5														
MW-46	6/23/2016		<5	<5		<5		<5														
MW-47	6/23/2016		<5	<5		<5		<5														
MW-48	6/23/2016		<5	<5		<5		<5														
MW-48	1/18/2017		<5	<5		<5		<5														
MW-49	10/7/2016		<5	<5		<5		<5														
MW-50	10/7/2016		<5	<5		<5		<5														
MW-51	10/7/2016		<5	<5		<5		<5														
MW-51	1/16/2017		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
MW-52	10/7/2016		<5	<5		<5		<5														
MW-52	1/16/2017		<5	<5		<5		<5														
MW-53	10/7/2016		<5	<5		<5		<5														
MW-54	10/7/2016		<5	<5		<5		<5														
MW-54	1/16/2017		<5	<5		<5		<5														
MW-55	10/7/2016		<5	<5		<5		<5														
MW-55	1/16/2017		<5	<5		<5		<5														
MW-56	10/7/2016		<5	<5		<5		<5														
MW-56	1/16/2017		<5	<5		<5		<5														
MW-57	10/7/2016		<5	<5		<5		<5														
MW-57	1/16/2017		<5	<5		<5		<5														
RW-02	11/11/2011		<500	<500		<500		<500														
RW-02	5/8/2012		<5	<5		<5		<5														
RW-02	11/19/2012		<5	<5		<5		<5														
RW-02	5/13/2013		<100	<100		<100		<100														
RW-02	10/14/2013			<5		<5		<5														
RW-02	5/23/2014		<500	<500		<500		<500														
RW-02	11/25/2014		<5	<5		<5		<5														
RW-02	2/18/2015		<250	<250		<250		<250														
RW-02	5/18/2015		<5	<5		<5		<5														
RW-02	11/17/2015		<5	<5		<5		<5														
RW-03	11/11/2011		<5	<5		<5		<5														
RW-03	5/8/2012		<5	<5		<5		<5														
RW-03	11/19/2012		<5	<5		<5		<5														
RW-03	5/13/2013		<5	<5		<5		<5														
RW-03	10/14/2013			<5		<5		<5														
RW-03	5/23/2014		<5	<5		<5		<5														
RW-03	11/17/2014		<5	<5		<5		<5														
RW-03	5/20/2015		<5	<5		<5		<5														
RW-03	11/17/2015		<5	<5		<5		<5														
RW-04	11/9/2011		<5	<5		<5		<5														
RW-04	5/8/2012		<5	<5		<5		<5														
RW-04	11/19/2012		<5	<5		<5		<5														
RW-04	5/13/2013		<5	<5		<5		<5														
RW-04	10/14/2013			<5		<5		<5														
RW-04	5/23/2014		<5	<5		<5		<5														
RW-04	11/17/2014		<5	<5		<5		<5														
RW-04	5/20/2015		<5	<5		<5		<5														
RW-06	11/11/2011		<5	<5		<5		<5														
RW-06	5/8/2012		<5	<5		<5		<5														
RW-06	11/19/2012		<5	<5		<5		<5														
RW-06	5/13/2013		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	1,2,4,5-Tetrachloro-benzene (µg/L)	1,2,4-Trichlorobenzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trinitro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,3-Dinitro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	1,4-Naphtho-quinone (µg/L)	1-Naphthyl-amine (µg/L)	2,3,4,6-Tetrachloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2,4-Dinitro-phenol (µg/L)	2,4-Dinitro-toluene (µg/L)	2,6-Dichloro-phenol (µg/L)	2,6-Dinitro-toluene (µg/L)	2-Acetylamino-fluorene (µg/L)	2-Chloronaph-thalene (µg/L)	2-Chloro-phenol (µg/L)
RW-06	10/14/2013			<5		<5		<5														
RW-06	5/23/2014		<5	<5		<5		<5														
RW-06	11/17/2014		<5	<5		<5		<5														
RW-06	5/18/2015		<5	<5		<5		<5														
RW-06	11/17/2015		<5	<5		<5		<5														
RW-07	11/11/2011		<5	<5		<5		<5														
RW-07	5/8/2012		<5	<5		<5		<5														
RW-07	11/19/2012		<5	<5		<5		<5														
RW-07	5/13/2013		<5	<5		<5		<5														
RW-07	10/14/2013			<5		<5		<5														
RW-07	5/23/2014		<5	<5		<5		<5														
RW-07	5/18/2015		<5	<5		<5		<5														
RW-07	11/17/2015		<5	<5		<5		<5														
RW-07	1/18/2017		<5	<5		<5		<5														
RW-08	10/7/2013		<5	<5		<5		<5														
RW-08	2/19/2014		<5	<5		<5		<5														
RW-08	11/17/2014		<5	<5		<5		<5														
RW-08	2/18/2015		<5	<5		<5		<5														
RW-08	5/20/2015		<5	<5		<5		<5														
RW-08	11/17/2015		<5	<5		<5		<5														
TW-01	3/3/2016		<5	<5		<5		<5														
TW-01	6/23/2016		<5	<5		<5		<5														
TW-01	1/17/2017		<5	<5		<5		<5														
TW-02	3/3/2016		<5	<5		<5		<5														
TW-02	6/23/2016		<5	<5		<5		<5														
TW-02	1/17/2017		<5	<5		<5		<5														
TW-03	3/3/2016		<5	<5		<5		<5														
TW-03	6/23/2016		<5	<5		<5		<5														
TW-03	1/17/2017		<5	<5		<5		<5														

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
DPE-109	2/26/2014																		
DPE-109	4/25/2014																		
DPE-109	2/18/2015																		
DPE-118	2/26/2014																		
DPE-118	4/25/2014																		
DPE-118	2/18/2015																		
DPE-305	2/26/2014																		
DPE-305	4/25/2014																		
DPE-305	2/18/2015																		
DPE-307	2/26/2014																		
DPE-307	4/25/2014																		
DPE-307	2/19/2015																		
DPE-307	1/18/2017																		
DPE-313	2/26/2014																		
DPE-313	4/25/2014																		
DPE-313	2/19/2015																		
DPE-408	2/26/2014																		
DPE-408	4/25/2014																		
DPE-408	2/18/2015																		
MW-02	5/24/2011																		
MW-02	5/27/2011	<10	110	<10	<50	<10	<10	<20	<20	<10	<50	<50	<20	<10	<20	<20	<10	300	<20
MW-02	11/10/2011																		
MW-02	5/16/2012	<10	23	<10	<50	<10	<10	<20	<20	<10	<50	<50	<20	<10	<20	<20	<10	23	<20
MW-02	11/14/2012																		
MW-02	5/16/2013	<10	14	<10	<50	<10	<10	<20	<20	<10	<50	<50	<20	<10	<20	<20	<10	38	<20
MW-02	10/7/2013																		
MW-02	5/30/2014	<10	65	<10	<50	<10	<10	<20	<20	<10	<50	<50	<20	<10	<20	<20	<10	37	<20
MW-02	11/24/2014																		
MW-02	5/20/2015																		
MW-02	11/13/2015																		
MW-02	1/18/2017																		
MW-03	5/24/2011																		
MW-03	11/9/2011																		
MW-03	5/15/2012																		
MW-03	11/14/2012																		
MW-03	5/16/2013																		
MW-03	10/8/2013																		
MW-03	5/28/2014																		
MW-03	11/24/2014																		
MW-03	5/20/2015																		
MW-03	11/13/2015																		
MW-04	5/25/2011																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-04	11/11/2011																		
MW-04	5/15/2012																		
MW-04	11/12/2012																		
MW-04	5/16/2013																		
MW-04	10/8/2013																		
MW-04	5/29/2014																		
MW-04	11/24/2014																		
MW-04	11/13/2015																		
MW-05	5/25/2011																		
MW-05	5/27/2011	<10	<10	<10	<50	<10	<10	<20	<20	<10	<50	<50	<20	<10	<20	<20	<10	<10	<20
MW-05	11/11/2011																		
MW-05	5/15/2012																		
MW-05	11/15/2012																		
MW-05	5/16/2013																		
MW-05	5/28/2014																		
MW-05R	4/16/2014																		
MW-05R	11/24/2014																		
MW-05R	5/20/2015																		
MW-05R	11/13/2015																		
MW-06	5/23/2011																		
MW-06	11/8/2011																		
MW-06	5/8/2012																		
MW-06	11/16/2012																		
MW-06	5/14/2013																		
MW-06	10/10/2013																		
MW-06	5/20/2014																		
MW-06	11/18/2014																		
MW-06	5/15/2015																		
MW-06	11/11/2015																		
MW-07	5/24/2011																		
MW-07	5/27/2011	<10	<10	<10	<50	<10	<10	<20	<20	<10	<50	<50	<20	<10	<20	<20	<10	<10	<20
MW-07	11/9/2011																		
MW-07	5/16/2012																		
MW-07	11/15/2012																		
MW-07	5/14/2013																		
MW-07	10/8/2013																		
MW-07	2/19/2014																		
MW-07	5/29/2014																		
MW-07	11/25/2014																		
MW-07	2/18/2015																		
MW-07	5/19/2015																		
MW-07	11/17/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-07	1/19/2017																		
MW-08	5/24/2011																		
MW-08	11/9/2011																		
MW-08	5/16/2012																		
MW-08	11/15/2012																		
MW-08	5/14/2013																		
MW-08	10/8/2013																		
MW-08	2/19/2014																		
MW-08	5/30/2014																		
MW-08	11/25/2014																		
MW-08	2/18/2015																		
MW-08	5/21/2015																		
MW-08	11/16/2015																		
MW-09	5/24/2011																		
MW-09	11/11/2011																		
MW-09	5/14/2012																		
MW-09	11/14/2012																		
MW-09	5/15/2013																		
MW-09	10/10/2013																		
MW-09	5/27/2014																		
MW-09	11/21/2014																		
MW-09	5/20/2015																		
MW-09	11/19/2015																		
MW-10	5/24/2011																		
MW-10	11/11/2011																		
MW-10	5/15/2012																		
MW-10	11/14/2012																		
MW-10	5/15/2013																		
MW-10	10/10/2013																		
MW-10	5/27/2014																		
MW-10	11/21/2014																		
MW-10	5/20/2015																		
MW-10	11/19/2015																		
MW-11	5/23/2011																		
MW-11	11/9/2011																		
MW-11	5/8/2012																		
MW-11	11/13/2012																		
MW-11	5/15/2013																		
MW-11	10/9/2013																		
MW-11	5/28/2014																		
MW-11	11/20/2014																		
MW-11	5/18/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-11	11/19/2015																		
MW-11	1/17/2017																		
MW-12	5/23/2011																		
MW-12	11/9/2011																		
MW-12	5/8/2012																		
MW-12	11/13/2012																		
MW-12	5/15/2013																		
MW-12	10/9/2013																		
MW-12	5/27/2014																		
MW-12	11/19/2014																		
MW-12	5/18/2015																		
MW-12	11/19/2015																		
MW-13	5/23/2011																		
MW-13	11/10/2011																		
MW-13	5/10/2012																		
MW-13	11/13/2012																		
MW-13	5/15/2013																		
MW-13	10/9/2013																		
MW-13	5/21/2014																		
MW-13	11/19/2014																		
MW-13	5/18/2015																		
MW-13	11/19/2015																		
MW-14	5/23/2011																		
MW-14	11/10/2011																		
MW-14	5/10/2012																		
MW-14	11/13/2012																		
MW-14	5/15/2013																		
MW-14	10/9/2013																		
MW-14	5/21/2014																		
MW-14	11/19/2014																		
MW-14	5/18/2015																		
MW-14	11/17/2015																		
MW-15	5/23/2011																		
MW-15	11/9/2011																		
MW-15	5/8/2012																		
MW-15	11/13/2012																		
MW-15	5/13/2013																		
MW-15	10/9/2013																		
MW-15	5/21/2014																		
MW-15	11/19/2014																		
MW-15	5/19/2015																		
MW-15	11/12/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-16	5/23/2011																		
MW-16	11/9/2011																		
MW-16	5/8/2012																		
MW-16	11/13/2012																		
MW-16	5/13/2013																		
MW-16	10/9/2013																		
MW-16	5/21/2014																		
MW-16	11/19/2014																		
MW-16	5/19/2015																		
MW-16	11/12/2015																		
MW-17	5/24/2011																		
MW-17	11/10/2011																		
MW-17	5/14/2012																		
MW-17	11/15/2012																		
MW-17	5/14/2013																		
MW-17	10/7/2013																		
MW-17	5/21/2014																		
MW-17	11/24/2014																		
MW-17	5/19/2015																		
MW-17	11/12/2015																		
MW-17	1/18/2017																		
MW-18	5/23/2011																		
MW-18	11/8/2011																		
MW-18	5/8/2012																		
MW-18	11/16/2012																		
MW-18	5/14/2013																		
MW-18	10/10/2013																		
MW-18	5/20/2014																		
MW-18	11/18/2014																		
MW-18	5/15/2015																		
MW-18	11/12/2015																		
MW-19	5/23/2011																		
MW-19	11/10/2011																		
MW-19	5/10/2012																		
MW-19	11/13/2012																		
MW-19	5/14/2013																		
MW-19	10/9/2013																		
MW-19	5/21/2014																		
MW-19	11/19/2014																		
MW-19	5/18/2015																		
MW-19	11/17/2015																		
MW-20	5/24/2011																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-20	11/11/2011																		
MW-20	5/15/2012																		
MW-20	11/14/2012																		
MW-20	5/15/2013																		
MW-20	10/10/2013																		
MW-20	5/27/2014																		
MW-20	11/21/2014																		
MW-20	5/20/2015																		
MW-20	11/19/2015																		
MW-20	1/18/2017																		
MW-21	5/24/2011																		
MW-21	11/9/2011																		
MW-21	5/16/2012																		
MW-21	11/15/2012																		
MW-21	5/14/2013																		
MW-21	10/8/2013																		
MW-21	2/19/2014																		
MW-21	5/29/2014																		
MW-21	11/25/2014																		
MW-21	2/18/2015																		
MW-21	5/21/2015																		
MW-21	11/16/2015																		
MW-21	1/19/2017																		
MW-22	5/23/2011																		
MW-22	11/9/2011																		
MW-22	5/8/2012																		
MW-22	11/15/2012																		
MW-22	5/15/2013																		
MW-22	10/9/2013																		
MW-22	5/28/2014																		
MW-22	11/19/2014																		
MW-22	5/18/2015																		
MW-22	11/19/2015																		
MW-23	5/23/2011																		
MW-23	11/8/2011																		
MW-23	5/8/2012																		
MW-23	5/15/2013																		
MW-23	10/10/2013																		
MW-23	5/20/2014																		
MW-23	11/18/2014																		
MW-23	5/15/2015																		
MW-23	11/11/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-24	5/23/2011																		
MW-24	11/8/2011																		
MW-24	5/8/2012																		
MW-24	11/16/2012																		
MW-24	5/14/2013																		
MW-24	10/10/2013																		
MW-24	5/20/2014																		
MW-24	11/19/2014																		
MW-24	5/15/2015																		
MW-24	11/11/2015																		
MW-25	5/25/2011																		
MW-25	5/10/2012																		
MW-25	11/19/2012																		
MW-25	5/15/2013																		
MW-25	10/10/2013																		
MW-25	5/29/2014																		
MW-25	11/25/2014																		
MW-25	5/21/2015																		
MW-25	11/20/2015																		
MW-26	5/24/2011																		
MW-26	11/10/2011																		
MW-26	5/15/2012																		
MW-26	11/14/2012																		
MW-26	5/15/2013																		
MW-26	10/7/2013																		
MW-26	2/18/2014																		
MW-26	5/23/2014																		
MW-26	11/20/2014																		
MW-26	5/19/2015																		
MW-26	11/16/2015																		
MW-26	1/18/2017																		
MW-27	5/24/2011																		
MW-27	11/10/2011																		
MW-27	5/15/2012																		
MW-27	11/14/2012																		
MW-27	5/16/2013																		
MW-27	10/10/2013																		
MW-27	2/19/2014																		
MW-27	5/23/2014																		
MW-27	11/20/2014																		
MW-27	5/19/2015																		
MW-27	11/16/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-28	5/24/2011																		
MW-28	11/10/2011																		
MW-28	5/16/2012																		
MW-28	11/15/2012																		
MW-28	5/16/2013																		
MW-28	10/9/2013																		
MW-28	5/28/2014																		
MW-28	11/20/2014																		
MW-28	5/19/2015																		
MW-28	11/20/2015																		
MW-28	1/20/2017																		
MW-29	5/24/2011																		
MW-29	11/11/2011																		
MW-29	5/16/2012																		
MW-29	11/15/2012																		
MW-29	5/16/2013																		
MW-29	10/9/2013																		
MW-29	5/28/2014																		
MW-29	11/20/2014																		
MW-29	5/19/2015																		
MW-29	11/20/2015																		
MW-30	10/8/2013																		
MW-30	5/27/2014																		
MW-30	11/24/2014																		
MW-30	5/19/2015																		
MW-30	11/12/2015																		
MW-31	10/8/2013																		
MW-31	5/27/2014																		
MW-31	11/20/2014																		
MW-31	5/19/2015																		
MW-31	11/12/2015																		
MW-32	10/8/2013																		
MW-32	2/19/2014																		
MW-32	4/16/2014																		
MW-32	5/30/2014																		
MW-32	11/20/2014																		
MW-32	2/18/2015																		
MW-32	5/15/2015																		
MW-32	11/17/2015																		
MW-32	1/19/2017																		
MW-33	10/8/2013																		
MW-33	5/29/2014																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-33	11/24/2014																		
MW-33	5/21/2015																		
MW-33	11/16/2015																		
MW-34	4/16/2014																		
MW-34	11/24/2014																		
MW-34	2/18/2015																		
MW-34	5/21/2015																		
MW-34	11/16/2015																		
MW-35	4/16/2014																		
MW-35	11/24/2014																		
MW-35	2/18/2015																		
MW-35	5/21/2015																		
MW-35	11/16/2015																		
MW-36	4/17/2014																		
MW-36	11/20/2014																		
MW-36	2/18/2015																		
MW-36	5/15/2015																		
MW-36	11/17/2015																		
MW-37	1/6/2016																		
MW-37	1/17/2017																		
MW-38	1/6/2016																		
MW-38	1/17/2017																		
MW-39	6/23/2016																		
MW-39	1/17/2017																		
MW-40	6/23/2016																		
MW-40	1/17/2017																		
MW-41	6/23/2016																		
MW-41	1/17/2017																		
MW-42	6/23/2016																		
MW-42	1/17/2017																		
MW-43	6/23/2016																		
MW-44	6/23/2016																		
MW-45	6/23/2016																		
MW-45	1/17/2017																		
MW-46	6/23/2016																		
MW-47	6/23/2016																		
MW-48	6/23/2016																		
MW-48	1/18/2017																		
MW-49	10/7/2016																		
MW-50	10/7/2016																		
MW-51	10/7/2016																		
MW-51	1/16/2017																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
MW-52	10/7/2016																		
MW-52	1/16/2017																		
MW-53	10/7/2016																		
MW-54	10/7/2016																		
MW-54	1/16/2017																		
MW-55	10/7/2016																		
MW-55	1/16/2017																		
MW-56	10/7/2016																		
MW-56	1/16/2017																		
MW-57	10/7/2016																		
MW-57	1/16/2017																		
RW-02	11/11/2011																		
RW-02	5/8/2012																		
RW-02	11/19/2012																		
RW-02	5/13/2013																		
RW-02	10/14/2013																		
RW-02	5/23/2014																		
RW-02	11/25/2014																		
RW-02	2/18/2015																		
RW-02	5/18/2015																		
RW-02	11/17/2015																		
RW-03	11/11/2011																		
RW-03	5/8/2012																		
RW-03	11/19/2012																		
RW-03	5/13/2013																		
RW-03	10/14/2013																		
RW-03	5/23/2014																		
RW-03	11/17/2014																		
RW-03	5/20/2015																		
RW-03	11/17/2015																		
RW-04	11/9/2011																		
RW-04	5/8/2012																		
RW-04	11/19/2012																		
RW-04	5/13/2013																		
RW-04	10/14/2013																		
RW-04	5/23/2014																		
RW-04	11/17/2014																		
RW-04	5/20/2015																		
RW-06	11/11/2011																		
RW-06	5/8/2012																		
RW-06	11/19/2012																		
RW-06	5/13/2013																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	2-Methyl-naphthalene (µg/L)	2-Methyl-phenol (µg/L)	2-Naphthyl-amine (µg/L)	2-Nitroaniline (µg/L)	2-Nitrophenol (µg/L)	2-Picoline (µg/L)	3,3'-Dichloro-benzidine (µg/L)	3,3'-Dimethyl-benzidine (µg/L)	3-Methylchol-anthrene (µg/L)	3-Nitro-aniline (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)	4-Aminobi-phenyl (µg/L)	4-Bromophenyl-phenylether (µg/L)	4-Chloro-3-methylphenol (µg/L)	4-Chloro-aniline (µg/L)	4-Chlorophenyl-phenylether (µg/L)	4-Methyl-phenol (µg/L)	4-Nitro-aniline (µg/L)
RW-06	10/14/2013																		
RW-06	5/23/2014																		
RW-06	11/17/2014																		
RW-06	5/18/2015																		
RW-06	11/17/2015																		
RW-07	11/11/2011																		
RW-07	5/8/2012																		
RW-07	11/19/2012																		
RW-07	5/13/2013																		
RW-07	10/14/2013																		
RW-07	5/23/2014																		
RW-07	5/18/2015																		
RW-07	11/17/2015																		
RW-07	1/18/2017																		
RW-08	10/7/2013																		
RW-08	2/19/2014																		
RW-08	11/17/2014																		
RW-08	2/18/2015																		
RW-08	5/20/2015																		
RW-08	11/17/2015																		
TW-01	3/3/2016																		
TW-01	6/23/2016																		
TW-01	1/17/2017																		
TW-02	3/3/2016																		
TW-02	6/23/2016																		
TW-02	1/17/2017																		
TW-03	3/3/2016																		
TW-03	6/23/2016																		
TW-03	1/17/2017																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
DPE-109	2/26/2014																		
DPE-109	4/25/2014																		
DPE-109	2/18/2015																		
DPE-118	2/26/2014																		
DPE-118	4/25/2014																		
DPE-118	2/18/2015																		
DPE-305	2/26/2014																		
DPE-305	4/25/2014																		
DPE-305	2/18/2015																		
DPE-307	2/26/2014																		
DPE-307	4/25/2014																		
DPE-307	2/19/2015																		
DPE-307	1/18/2017																		
DPE-313	2/26/2014																		
DPE-313	4/25/2014																		
DPE-313	2/19/2015																		
DPE-408	2/26/2014																		
DPE-408	4/25/2014																		
DPE-408	2/18/2015																		
MW-02	5/24/2011																		
MW-02	5/27/2011	<50	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10
MW-02	11/10/2011																		
MW-02	5/16/2012	<50	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10
MW-02	11/14/2012																		
MW-02	5/16/2013	<50	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10
MW-02	10/7/2013																		
MW-02	5/30/2014	<50	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10
MW-02	11/24/2014																		
MW-02	5/20/2015																		
MW-02	11/13/2015																		
MW-02	1/18/2017																		
MW-03	5/24/2011																		
MW-03	11/9/2011																		
MW-03	5/15/2012																		
MW-03	11/14/2012																		
MW-03	5/16/2013																		
MW-03	10/8/2013																		
MW-03	5/28/2014																		
MW-03	11/24/2014																		
MW-03	5/20/2015																		
MW-03	11/13/2015																		
MW-04	5/25/2011																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-04	11/11/2011																		
MW-04	5/15/2012																		
MW-04	11/12/2012																		
MW-04	5/16/2013																		
MW-04	10/8/2013																		
MW-04	5/29/2014																		
MW-04	11/24/2014																		
MW-04	11/13/2015																		
MW-05	5/25/2011																		
MW-05	5/27/2011	<50	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10
MW-05	11/11/2011																		
MW-05	5/15/2012																		
MW-05	11/15/2012																		
MW-05	5/16/2013																		
MW-05	5/28/2014																		
MW-05R	4/16/2014																		
MW-05R	11/24/2014																		
MW-05R	5/20/2015																		
MW-05R	11/13/2015																		
MW-06	5/23/2011																		
MW-06	11/8/2011																		
MW-06	5/8/2012																		
MW-06	11/16/2012																		
MW-06	5/14/2013																		
MW-06	10/10/2013																		
MW-06	5/20/2014																		
MW-06	11/18/2014																		
MW-06	5/15/2015																		
MW-06	11/11/2015																		
MW-07	5/24/2011																		
MW-07	5/27/2011	<50	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10
MW-07	11/9/2011																		
MW-07	5/16/2012																		
MW-07	11/15/2012																		
MW-07	5/14/2013																		
MW-07	10/8/2013																		
MW-07	2/19/2014																		
MW-07	5/29/2014																		
MW-07	11/25/2014																		
MW-07	2/18/2015																		
MW-07	5/19/2015																		
MW-07	11/17/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-07	1/19/2017																		
MW-08	5/24/2011																		
MW-08	11/9/2011																		
MW-08	5/16/2012																		
MW-08	11/15/2012																		
MW-08	5/14/2013																		
MW-08	10/8/2013																		
MW-08	2/19/2014																		
MW-08	5/30/2014																		
MW-08	11/25/2014																		
MW-08	2/18/2015																		
MW-08	5/21/2015																		
MW-08	11/16/2015																		
MW-09	5/24/2011																		
MW-09	11/11/2011																		
MW-09	5/14/2012																		
MW-09	11/14/2012																		
MW-09	5/15/2013																		
MW-09	10/10/2013																		
MW-09	5/27/2014																		
MW-09	11/21/2014																		
MW-09	5/20/2015																		
MW-09	11/19/2015																		
MW-10	5/24/2011																		
MW-10	11/11/2011																		
MW-10	5/15/2012																		
MW-10	11/14/2012																		
MW-10	5/15/2013																		
MW-10	10/10/2013																		
MW-10	5/27/2014																		
MW-10	11/21/2014																		
MW-10	5/20/2015																		
MW-10	11/19/2015																		
MW-11	5/23/2011																		
MW-11	11/9/2011																		
MW-11	5/8/2012																		
MW-11	11/13/2012																		
MW-11	5/15/2013																		
MW-11	10/9/2013																		
MW-11	5/28/2014																		
MW-11	11/20/2014																		
MW-11	5/18/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-11	11/19/2015																		
MW-11	1/17/2017																		
MW-12	5/23/2011																		
MW-12	11/9/2011																		
MW-12	5/8/2012																		
MW-12	11/13/2012																		
MW-12	5/15/2013																		
MW-12	10/9/2013																		
MW-12	5/27/2014																		
MW-12	11/19/2014																		
MW-12	5/18/2015																		
MW-12	11/19/2015																		
MW-13	5/23/2011																		
MW-13	11/10/2011																		
MW-13	5/10/2012																		
MW-13	11/13/2012																		
MW-13	5/15/2013																		
MW-13	10/9/2013																		
MW-13	5/21/2014																		
MW-13	11/19/2014																		
MW-13	5/18/2015																		
MW-13	11/19/2015																		
MW-14	5/23/2011																		
MW-14	11/10/2011																		
MW-14	5/10/2012																		
MW-14	11/13/2012																		
MW-14	5/15/2013																		
MW-14	10/9/2013																		
MW-14	5/21/2014																		
MW-14	11/19/2014																		
MW-14	5/18/2015																		
MW-14	11/17/2015																		
MW-15	5/23/2011																		
MW-15	11/9/2011																		
MW-15	5/8/2012																		
MW-15	11/13/2012																		
MW-15	5/13/2013																		
MW-15	10/9/2013																		
MW-15	5/21/2014																		
MW-15	11/19/2014																		
MW-15	5/19/2015																		
MW-15	11/12/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-16	5/23/2011																		
MW-16	11/9/2011																		
MW-16	5/8/2012																		
MW-16	11/13/2012																		
MW-16	5/13/2013																		
MW-16	10/9/2013																		
MW-16	5/21/2014																		
MW-16	11/19/2014																		
MW-16	5/19/2015																		
MW-16	11/12/2015																		
MW-17	5/24/2011																		
MW-17	11/10/2011																		
MW-17	5/14/2012																		
MW-17	11/15/2012																		
MW-17	5/14/2013																		
MW-17	10/7/2013																		
MW-17	5/21/2014																		
MW-17	11/24/2014																		
MW-17	5/19/2015																		
MW-17	11/12/2015																		
MW-17	1/18/2017																		
MW-18	5/23/2011																		
MW-18	11/8/2011																		
MW-18	5/8/2012																		
MW-18	11/16/2012																		
MW-18	5/14/2013																		
MW-18	10/10/2013																		
MW-18	5/20/2014																		
MW-18	11/18/2014																		
MW-18	5/15/2015																		
MW-18	11/12/2015																		
MW-19	5/23/2011																		
MW-19	11/10/2011																		
MW-19	5/10/2012																		
MW-19	11/13/2012																		
MW-19	5/14/2013																		
MW-19	10/9/2013																		
MW-19	5/21/2014																		
MW-19	11/19/2014																		
MW-19	5/18/2015																		
MW-19	11/17/2015																		
MW-20	5/24/2011																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-20	11/11/2011																		
MW-20	5/15/2012																		
MW-20	11/14/2012																		
MW-20	5/15/2013																		
MW-20	10/10/2013																		
MW-20	5/27/2014																		
MW-20	11/21/2014																		
MW-20	5/20/2015																		
MW-20	11/19/2015																		
MW-20	1/18/2017																		
MW-21	5/24/2011																		
MW-21	11/9/2011																		
MW-21	5/16/2012																		
MW-21	11/15/2012																		
MW-21	5/14/2013																		
MW-21	10/8/2013																		
MW-21	2/19/2014																		
MW-21	5/29/2014																		
MW-21	11/25/2014																		
MW-21	2/18/2015																		
MW-21	5/21/2015																		
MW-21	11/16/2015																		
MW-21	1/19/2017																		
MW-22	5/23/2011																		
MW-22	11/9/2011																		
MW-22	5/8/2012																		
MW-22	11/15/2012																		
MW-22	5/15/2013																		
MW-22	10/9/2013																		
MW-22	5/28/2014																		
MW-22	11/19/2014																		
MW-22	5/18/2015																		
MW-22	11/19/2015																		
MW-23	5/23/2011																		
MW-23	11/8/2011																		
MW-23	5/8/2012																		
MW-23	5/15/2013																		
MW-23	10/10/2013																		
MW-23	5/20/2014																		
MW-23	11/18/2014																		
MW-23	5/15/2015																		
MW-23	11/11/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-24	5/23/2011																		
MW-24	11/8/2011																		
MW-24	5/8/2012																		
MW-24	11/16/2012																		
MW-24	5/14/2013																		
MW-24	10/10/2013																		
MW-24	5/20/2014																		
MW-24	11/19/2014																		
MW-24	5/15/2015																		
MW-24	11/11/2015																		
MW-25	5/25/2011																		
MW-25	5/10/2012																		
MW-25	11/19/2012																		
MW-25	5/15/2013																		
MW-25	10/10/2013																		
MW-25	5/29/2014																		
MW-25	11/25/2014																		
MW-25	5/21/2015																		
MW-25	11/20/2015																		
MW-26	5/24/2011																		
MW-26	11/10/2011																		
MW-26	5/15/2012																		
MW-26	11/14/2012																		
MW-26	5/15/2013																		
MW-26	10/7/2013																		
MW-26	2/18/2014																		
MW-26	5/23/2014																		
MW-26	11/20/2014																		
MW-26	5/19/2015																		
MW-26	11/16/2015																		
MW-26	1/18/2017																		
MW-27	5/24/2011																		
MW-27	11/10/2011																		
MW-27	5/15/2012																		
MW-27	11/14/2012																		
MW-27	5/16/2013																		
MW-27	10/10/2013																		
MW-27	2/19/2014																		
MW-27	5/23/2014																		
MW-27	11/20/2014																		
MW-27	5/19/2015																		
MW-27	11/16/2015																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-28	5/24/2011																		
MW-28	11/10/2011																		
MW-28	5/16/2012																		
MW-28	11/15/2012																		
MW-28	5/16/2013																		
MW-28	10/9/2013																		
MW-28	5/28/2014																		
MW-28	11/20/2014																		
MW-28	5/19/2015																		
MW-28	11/20/2015																		
MW-28	1/20/2017																		
MW-29	5/24/2011																		
MW-29	11/11/2011																		
MW-29	5/16/2012																		
MW-29	11/15/2012																		
MW-29	5/16/2013																		
MW-29	10/9/2013																		
MW-29	5/28/2014																		
MW-29	11/20/2014																		
MW-29	5/19/2015																		
MW-29	11/20/2015																		
MW-30	10/8/2013																		
MW-30	5/27/2014																		
MW-30	11/24/2014																		
MW-30	5/19/2015																		
MW-30	11/12/2015																		
MW-31	10/8/2013																		
MW-31	5/27/2014																		
MW-31	11/20/2014																		
MW-31	5/19/2015																		
MW-31	11/12/2015																		
MW-32	10/8/2013																		
MW-32	2/19/2014																		
MW-32	4/16/2014																		
MW-32	5/30/2014																		
MW-32	11/20/2014																		
MW-32	2/18/2015																		
MW-32	5/15/2015																		
MW-32	11/17/2015																		
MW-32	1/19/2017																		
MW-33	10/8/2013																		
MW-33	5/29/2014																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-33	11/24/2014																		
MW-33	5/21/2015																		
MW-33	11/16/2015																		
MW-34	4/16/2014																		
MW-34	11/24/2014																		
MW-34	2/18/2015																		
MW-34	5/21/2015																		
MW-34	11/16/2015																		
MW-35	4/16/2014																		
MW-35	11/24/2014																		
MW-35	2/18/2015																		
MW-35	5/21/2015																		
MW-35	11/16/2015																		
MW-36	4/17/2014																		
MW-36	11/20/2014																		
MW-36	2/18/2015																		
MW-36	5/15/2015																		
MW-36	11/17/2015																		
MW-37	1/6/2016																		
MW-37	1/17/2017																		
MW-38	1/6/2016																		
MW-38	1/17/2017																		
MW-39	6/23/2016																		
MW-39	1/17/2017																		
MW-40	6/23/2016																		
MW-40	1/17/2017																		
MW-41	6/23/2016																		
MW-41	1/17/2017																		
MW-42	6/23/2016																		
MW-42	1/17/2017																		
MW-43	6/23/2016																		
MW-44	6/23/2016																		
MW-45	6/23/2016																		
MW-45	1/17/2017																		
MW-46	6/23/2016																		
MW-47	6/23/2016																		
MW-48	6/23/2016																		
MW-48	1/18/2017																		
MW-49	10/7/2016																		
MW-50	10/7/2016																		
MW-51	10/7/2016																		
MW-51	1/16/2017																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
MW-52	10/7/2016																		
MW-52	1/16/2017																		
MW-53	10/7/2016																		
MW-54	10/7/2016																		
MW-54	1/16/2017																		
MW-55	10/7/2016																		
MW-55	1/16/2017																		
MW-56	10/7/2016																		
MW-56	1/16/2017																		
MW-57	10/7/2016																		
MW-57	1/16/2017																		
RW-02	11/11/2011																		
RW-02	5/8/2012																		
RW-02	11/19/2012																		
RW-02	5/13/2013																		
RW-02	10/14/2013																		
RW-02	5/23/2014																		
RW-02	11/25/2014																		
RW-02	2/18/2015																		
RW-02	5/18/2015																		
RW-02	11/17/2015																		
RW-03	11/11/2011																		
RW-03	5/8/2012																		
RW-03	11/19/2012																		
RW-03	5/13/2013																		
RW-03	10/14/2013																		
RW-03	5/23/2014																		
RW-03	11/17/2014																		
RW-03	5/20/2015																		
RW-03	11/17/2015																		
RW-04	11/9/2011																		
RW-04	5/8/2012																		
RW-04	11/19/2012																		
RW-04	5/13/2013																		
RW-04	10/14/2013																		
RW-04	5/23/2014																		
RW-04	11/17/2014																		
RW-04	5/20/2015																		
RW-06	11/11/2011																		
RW-06	5/8/2012																		
RW-06	11/19/2012																		
RW-06	5/13/2013																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	4-Nitro-phenol (µg/L)	7,12-Dimethyl-benz(a)-anthracene (µg/L)	Acenaph-thene (µg/L)	Acenaph-thylene (µg/L)	Aceto-phenone (µg/L)	alpha,alpha-Dimethyl-phenethylamine (µg/L)	Aniline (µg/L)	Anthracene (µg/L)	Aramite (µg/L)	Benzo(a)-anthracene (µg/L)	Benzo(a)-pyrene (µg/L)	Benzo(b)-fluoranthene (µg/L)	Benzo(g,h,i)-perylene (µg/L)	Benzo(k)-fluoranthene (µg/L)	Benzyl alcohol (µg/L)	Bis(2-Chloro-1-methyl-ethyl)Ether (µg/L)	bis(2-Chloro-ethoxy) methane (µg/L)	bis(2-Chloro-ethyl) ether (µg/L)
RW-06	10/14/2013																		
RW-06	5/23/2014																		
RW-06	11/17/2014																		
RW-06	5/18/2015																		
RW-06	11/17/2015																		
RW-07	11/11/2011																		
RW-07	5/8/2012																		
RW-07	11/19/2012																		
RW-07	5/13/2013																		
RW-07	10/14/2013																		
RW-07	5/23/2014																		
RW-07	5/18/2015																		
RW-07	11/17/2015																		
RW-07	1/18/2017																		
RW-08	10/7/2013																		
RW-08	2/19/2014																		
RW-08	11/17/2014																		
RW-08	2/18/2015																		
RW-08	5/20/2015																		
RW-08	11/17/2015																		
TW-01	3/3/2016																		
TW-01	6/23/2016																		
TW-01	1/17/2017																		
TW-02	3/3/2016																		
TW-02	6/23/2016																		
TW-02	1/17/2017																		
TW-03	3/3/2016																		
TW-03	6/23/2016																		
TW-03	1/17/2017																		

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
DPE-109	2/26/2014																			
DPE-109	4/25/2014																			
DPE-109	2/18/2015																			
DPE-118	2/26/2014																			
DPE-118	4/25/2014																			
DPE-118	2/18/2015																			
DPE-305	2/26/2014																			
DPE-305	4/25/2014																			
DPE-305	2/18/2015																			
DPE-307	2/26/2014																			
DPE-307	4/25/2014																			
DPE-307	2/19/2015																			
DPE-307	1/18/2017																			
DPE-313	2/26/2014																			
DPE-313	4/25/2014																			
DPE-313	2/19/2015																			
DPE-408	2/26/2014																			
DPE-408	4/25/2014																			
DPE-408	2/18/2015																			
MW-02	5/24/2011																			
MW-02	5/27/2011	<20	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<20	<20	<10	<10	<10	<10
MW-02	11/10/2011																			
MW-02	5/16/2012	<20	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<20	<20	<10	<10	<10	<10
MW-02	11/14/2012																			
MW-02	5/16/2013	<20	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<20	<20	<10	<10	<10	<10
MW-02	10/7/2013																			
MW-02	5/30/2014	<20	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<20	<20	<10	<10	<10	<10
MW-02	11/24/2014																			
MW-02	5/20/2015																			
MW-02	11/13/2015																			
MW-02	1/18/2017																			
MW-03	5/24/2011																			
MW-03	11/9/2011																			
MW-03	5/15/2012																			
MW-03	11/14/2012																			
MW-03	5/16/2013																			
MW-03	10/8/2013																			
MW-03	5/28/2014																			
MW-03	11/24/2014																			
MW-03	5/20/2015																			
MW-03	11/13/2015																			
MW-04	5/25/2011																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-04	11/11/2011																			
MW-04	5/15/2012																			
MW-04	11/12/2012																			
MW-04	5/16/2013																			
MW-04	10/8/2013																			
MW-04	5/29/2014																			
MW-04	11/24/2014																			
MW-04	11/13/2015																			
MW-05	5/25/2011																			
MW-05	5/27/2011	<20	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<20	<20	<10	<10	<10	<10
MW-05	11/11/2011																			
MW-05	5/15/2012																			
MW-05	11/15/2012																			
MW-05	5/16/2013																			
MW-05	5/28/2014																			
MW-05R	4/16/2014																			
MW-05R	11/24/2014																			
MW-05R	5/20/2015																			
MW-05R	11/13/2015																			
MW-06	5/23/2011																			
MW-06	11/8/2011																			
MW-06	5/8/2012																			
MW-06	11/16/2012																			
MW-06	5/14/2013																			
MW-06	10/10/2013																			
MW-06	5/20/2014																			
MW-06	11/18/2014																			
MW-06	5/15/2015																			
MW-06	11/11/2015																			
MW-07	5/24/2011																			
MW-07	5/27/2011	<20	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<20	<20	<10	<10	<10	<10
MW-07	11/9/2011																			
MW-07	5/16/2012																			
MW-07	11/15/2012																			
MW-07	5/14/2013																			
MW-07	10/8/2013																			
MW-07	2/19/2014																			
MW-07	5/29/2014																			
MW-07	11/25/2014																			
MW-07	2/18/2015																			
MW-07	5/19/2015																			
MW-07	11/17/2015																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-07	1/19/2017																			
MW-08	5/24/2011																			
MW-08	11/9/2011																			
MW-08	5/16/2012																			
MW-08	11/15/2012																			
MW-08	5/14/2013																			
MW-08	10/8/2013																			
MW-08	2/19/2014																			
MW-08	5/30/2014																			
MW-08	11/25/2014																			
MW-08	2/18/2015																			
MW-08	5/21/2015																			
MW-08	11/16/2015																			
MW-09	5/24/2011																			
MW-09	11/11/2011																			
MW-09	5/14/2012																			
MW-09	11/14/2012																			
MW-09	5/15/2013																			
MW-09	10/10/2013																			
MW-09	5/27/2014																			
MW-09	11/21/2014																			
MW-09	5/20/2015																			
MW-09	11/19/2015																			
MW-10	5/24/2011																			
MW-10	11/11/2011																			
MW-10	5/15/2012																			
MW-10	11/14/2012																			
MW-10	5/15/2013																			
MW-10	10/10/2013																			
MW-10	5/27/2014																			
MW-10	11/21/2014																			
MW-10	5/20/2015																			
MW-10	11/19/2015																			
MW-11	5/23/2011																			
MW-11	11/9/2011																			
MW-11	5/8/2012																			
MW-11	11/13/2012																			
MW-11	5/15/2013																			
MW-11	10/9/2013																			
MW-11	5/28/2014																			
MW-11	11/20/2014																			
MW-11	5/18/2015																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-11	11/19/2015																			
MW-11	1/17/2017																			
MW-12	5/23/2011																			
MW-12	11/9/2011																			
MW-12	5/8/2012																			
MW-12	11/13/2012																			
MW-12	5/15/2013																			
MW-12	10/9/2013																			
MW-12	5/27/2014																			
MW-12	11/19/2014																			
MW-12	5/18/2015																			
MW-12	11/19/2015																			
MW-13	5/23/2011																			
MW-13	11/10/2011																			
MW-13	5/10/2012																			
MW-13	11/13/2012																			
MW-13	5/15/2013																			
MW-13	10/9/2013																			
MW-13	5/21/2014																			
MW-13	11/19/2014																			
MW-13	5/18/2015																			
MW-13	11/19/2015																			
MW-14	5/23/2011																			
MW-14	11/10/2011																			
MW-14	5/10/2012																			
MW-14	11/13/2012																			
MW-14	5/15/2013																			
MW-14	10/9/2013																			
MW-14	5/21/2014																			
MW-14	11/19/2014																			
MW-14	5/18/2015																			
MW-14	11/17/2015																			
MW-15	5/23/2011																			
MW-15	11/9/2011																			
MW-15	5/8/2012																			
MW-15	11/13/2012																			
MW-15	5/13/2013																			
MW-15	10/9/2013																			
MW-15	5/21/2014																			
MW-15	11/19/2014																			
MW-15	5/19/2015																			
MW-15	11/12/2015																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-16	5/23/2011																			
MW-16	11/9/2011																			
MW-16	5/8/2012																			
MW-16	11/13/2012																			
MW-16	5/13/2013																			
MW-16	10/9/2013																			
MW-16	5/21/2014																			
MW-16	11/19/2014																			
MW-16	5/19/2015																			
MW-16	11/12/2015																			
MW-17	5/24/2011																			
MW-17	11/10/2011																			
MW-17	5/14/2012																			
MW-17	11/15/2012																			
MW-17	5/14/2013																			
MW-17	10/7/2013																			
MW-17	5/21/2014																			
MW-17	11/24/2014																			
MW-17	5/19/2015																			
MW-17	11/12/2015																			
MW-17	1/18/2017																			
MW-18	5/23/2011																			
MW-18	11/8/2011																			
MW-18	5/8/2012																			
MW-18	11/16/2012																			
MW-18	5/14/2013																			
MW-18	10/10/2013																			
MW-18	5/20/2014																			
MW-18	11/18/2014																			
MW-18	5/15/2015																			
MW-18	11/12/2015																			
MW-19	5/23/2011																			
MW-19	11/10/2011																			
MW-19	5/10/2012																			
MW-19	11/13/2012																			
MW-19	5/14/2013																			
MW-19	10/9/2013																			
MW-19	5/21/2014																			
MW-19	11/19/2014																			
MW-19	5/18/2015																			
MW-19	11/17/2015																			
MW-20	5/24/2011																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-20	11/11/2011																			
MW-20	5/15/2012																			
MW-20	11/14/2012																			
MW-20	5/15/2013																			
MW-20	10/10/2013																			
MW-20	5/27/2014																			
MW-20	11/21/2014																			
MW-20	5/20/2015																			
MW-20	11/19/2015																			
MW-20	1/18/2017																			
MW-21	5/24/2011																			
MW-21	11/9/2011																			
MW-21	5/16/2012																			
MW-21	11/15/2012																			
MW-21	5/14/2013																			
MW-21	10/8/2013																			
MW-21	2/19/2014																			
MW-21	5/29/2014																			
MW-21	11/25/2014																			
MW-21	2/18/2015																			
MW-21	5/21/2015																			
MW-21	11/16/2015																			
MW-21	1/19/2017																			
MW-22	5/23/2011																			
MW-22	11/9/2011																			
MW-22	5/8/2012																			
MW-22	11/15/2012																			
MW-22	5/15/2013																			
MW-22	10/9/2013																			
MW-22	5/28/2014																			
MW-22	11/19/2014																			
MW-22	5/18/2015																			
MW-22	11/19/2015																			
MW-23	5/23/2011																			
MW-23	11/8/2011																			
MW-23	5/8/2012																			
MW-23	5/15/2013																			
MW-23	10/10/2013																			
MW-23	5/20/2014																			
MW-23	11/18/2014																			
MW-23	5/15/2015																			
MW-23	11/11/2015																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-24	5/23/2011																			
MW-24	11/8/2011																			
MW-24	5/8/2012																			
MW-24	11/16/2012																			
MW-24	5/14/2013																			
MW-24	10/10/2013																			
MW-24	5/20/2014																			
MW-24	11/19/2014																			
MW-24	5/15/2015																			
MW-24	11/11/2015																			
MW-25	5/25/2011																			
MW-25	5/10/2012																			
MW-25	11/19/2012																			
MW-25	5/15/2013																			
MW-25	10/10/2013																			
MW-25	5/29/2014																			
MW-25	11/25/2014																			
MW-25	5/21/2015																			
MW-25	11/20/2015																			
MW-26	5/24/2011																			
MW-26	11/10/2011																			
MW-26	5/15/2012																			
MW-26	11/14/2012																			
MW-26	5/15/2013																			
MW-26	10/7/2013																			
MW-26	2/18/2014																			
MW-26	5/23/2014																			
MW-26	11/20/2014																			
MW-26	5/19/2015																			
MW-26	11/16/2015																			
MW-26	1/18/2017																			
MW-27	5/24/2011																			
MW-27	11/10/2011																			
MW-27	5/15/2012																			
MW-27	11/14/2012																			
MW-27	5/16/2013																			
MW-27	10/10/2013																			
MW-27	2/19/2014																			
MW-27	5/23/2014																			
MW-27	11/20/2014																			
MW-27	5/19/2015																			
MW-27	11/16/2015																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-28	5/24/2011																			
MW-28	11/10/2011																			
MW-28	5/16/2012																			
MW-28	11/15/2012																			
MW-28	5/16/2013																			
MW-28	10/9/2013																			
MW-28	5/28/2014																			
MW-28	11/20/2014																			
MW-28	5/19/2015																			
MW-28	11/20/2015																			
MW-28	1/20/2017																			
MW-29	5/24/2011																			
MW-29	11/11/2011																			
MW-29	5/16/2012																			
MW-29	11/15/2012																			
MW-29	5/16/2013																			
MW-29	10/9/2013																			
MW-29	5/28/2014																			
MW-29	11/20/2014																			
MW-29	5/19/2015																			
MW-29	11/20/2015																			
MW-30	10/8/2013																			
MW-30	5/27/2014																			
MW-30	11/24/2014																			
MW-30	5/19/2015																			
MW-30	11/12/2015																			
MW-31	10/8/2013																			
MW-31	5/27/2014																			
MW-31	11/20/2014																			
MW-31	5/19/2015																			
MW-31	11/12/2015																			
MW-32	10/8/2013																			
MW-32	2/19/2014																			
MW-32	4/16/2014																			
MW-32	5/30/2014																			
MW-32	11/20/2014																			
MW-32	2/18/2015																			
MW-32	5/15/2015																			
MW-32	11/17/2015																			
MW-32	1/19/2017																			
MW-33	10/8/2013																			
MW-33	5/29/2014																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-33	11/24/2014																			
MW-33	5/21/2015																			
MW-33	11/16/2015																			
MW-34	4/16/2014																			
MW-34	11/24/2014																			
MW-34	2/18/2015																			
MW-34	5/21/2015																			
MW-34	11/16/2015																			
MW-35	4/16/2014																			
MW-35	11/24/2014																			
MW-35	2/18/2015																			
MW-35	5/21/2015																			
MW-35	11/16/2015																			
MW-36	4/17/2014																			
MW-36	11/20/2014																			
MW-36	2/18/2015																			
MW-36	5/15/2015																			
MW-36	11/17/2015																			
MW-37	1/6/2016																			
MW-37	1/17/2017																			
MW-38	1/6/2016																			
MW-38	1/17/2017																			
MW-39	6/23/2016																			
MW-39	1/17/2017																			
MW-40	6/23/2016																			
MW-40	1/17/2017																			
MW-41	6/23/2016																			
MW-41	1/17/2017																			
MW-42	6/23/2016																			
MW-42	1/17/2017																			
MW-43	6/23/2016																			
MW-44	6/23/2016																			
MW-45	6/23/2016																			
MW-45	1/17/2017																			
MW-46	6/23/2016																			
MW-47	6/23/2016																			
MW-48	6/23/2016																			
MW-48	1/18/2017																			
MW-49	10/7/2016																			
MW-50	10/7/2016																			
MW-51	10/7/2016																			
MW-51	1/16/2017																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
MW-52	10/7/2016																			
MW-52	1/16/2017																			
MW-53	10/7/2016																			
MW-54	10/7/2016																			
MW-54	1/16/2017																			
MW-55	10/7/2016																			
MW-55	1/16/2017																			
MW-56	10/7/2016																			
MW-56	1/16/2017																			
MW-57	10/7/2016																			
MW-57	1/16/2017																			
RW-02	11/11/2011																			
RW-02	5/8/2012																			
RW-02	11/19/2012																			
RW-02	5/13/2013																			
RW-02	10/14/2013																			
RW-02	5/23/2014																			
RW-02	11/25/2014																			
RW-02	2/18/2015																			
RW-02	5/18/2015																			
RW-02	11/17/2015																			
RW-03	11/11/2011																			
RW-03	5/8/2012																			
RW-03	11/19/2012																			
RW-03	5/13/2013																			
RW-03	10/14/2013																			
RW-03	5/23/2014																			
RW-03	11/17/2014																			
RW-03	5/20/2015																			
RW-03	11/17/2015																			
RW-04	11/9/2011																			
RW-04	5/8/2012																			
RW-04	11/19/2012																			
RW-04	5/13/2013																			
RW-04	10/14/2013																			
RW-04	5/23/2014																			
RW-04	11/17/2014																			
RW-04	5/20/2015																			
RW-06	11/11/2011																			
RW-06	5/8/2012																			
RW-06	11/19/2012																			
RW-06	5/13/2013																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	bis(2-Ethylhexyl) phthalate (µg/L)	Butylbenzyl-phthalate (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)-anthracene (µg/L)	Dibenzo-furan (µg/L)	Diethylph-thalate (µg/L)	Dimethoate (µg/L)	Dimethyl-aminoazo-benzene (µg/L)	Dimethyl-phthalate (µg/L)	Di-n-butylph-thalate (µg/L)	Di-n-octylph-thalate (µg/L)	Diphenyl-amine (µg/L)	Disulfoton (µg/L)	Ethyl methane-sulfonate (µg/L)	Famphur (µg/L)	Fluor-anthene (µg/L)	Fluorene (µg/L)	Hexachloro-benzene (µg/L)	Hexachloro-butadiene (µg/L)
RW-06	10/14/2013																			
RW-06	5/23/2014																			
RW-06	11/17/2014																			
RW-06	5/18/2015																			
RW-06	11/17/2015																			
RW-07	11/11/2011																			
RW-07	5/8/2012																			
RW-07	11/19/2012																			
RW-07	5/13/2013																			
RW-07	10/14/2013																			
RW-07	5/23/2014																			
RW-07	5/18/2015																			
RW-07	11/17/2015																			
RW-07	1/18/2017																			
RW-08	10/7/2013																			
RW-08	2/19/2014																			
RW-08	11/17/2014																			
RW-08	2/18/2015																			
RW-08	5/20/2015																			
RW-08	11/17/2015																			
TW-01	3/3/2016																			
TW-01	6/23/2016																			
TW-01	1/17/2017																			
TW-02	3/3/2016																			
TW-02	6/23/2016																			
TW-02	1/17/2017																			
TW-03	3/3/2016																			
TW-03	6/23/2016																			
TW-03	1/17/2017																			

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
DPE-109	2/26/2014																	
DPE-109	4/25/2014																	
DPE-109	2/18/2015																	
DPE-118	2/26/2014																	
DPE-118	4/25/2014																	
DPE-118	2/18/2015																	
DPE-305	2/26/2014																	
DPE-305	4/25/2014																	
DPE-305	2/18/2015																	
DPE-307	2/26/2014																	
DPE-307	4/25/2014																	
DPE-307	2/19/2015																	
DPE-307	1/18/2017																	
DPE-313	2/26/2014																	
DPE-313	4/25/2014																	
DPE-313	2/19/2015																	
DPE-408	2/26/2014																	
DPE-408	4/25/2014																	
DPE-408	2/18/2015																	
MW-02	5/24/2011																	
MW-02	5/27/2011	<10	<10	<80	<10	<10	<20	<10	<10	<50	<20	<10	<10	<10	<20	<20	<10	<50
MW-02	11/10/2011																	
MW-02	5/16/2012	<10	<10	<80	<10	<10	<20	<10	<10	<50	<20	<10	<10	<10	<20	<20	<10	<50
MW-02	11/14/2012																	
MW-02	5/16/2013	<10	<10	<80	<10	<10	<20	<10	<10	<50	<20	<10	<10	<10	<20	<20	<10	<50
MW-02	10/7/2013																	
MW-02	5/30/2014	<10	<10	<80	<10	<10	<20	<10	<10	<50	<20	<10	<10	<10	<20	<20	<10	<50
MW-02	11/24/2014																	
MW-02	5/20/2015																	
MW-02	11/13/2015																	
MW-02	1/18/2017																	
MW-03	5/24/2011																	
MW-03	11/9/2011																	
MW-03	5/15/2012																	
MW-03	11/14/2012																	
MW-03	5/16/2013																	
MW-03	10/8/2013																	
MW-03	5/28/2014																	
MW-03	11/24/2014																	
MW-03	5/20/2015																	
MW-03	11/13/2015																	
MW-04	5/25/2011																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-04	11/11/2011																	
MW-04	5/15/2012																	
MW-04	11/12/2012																	
MW-04	5/16/2013																	
MW-04	10/8/2013																	
MW-04	5/29/2014																	
MW-04	11/24/2014																	
MW-04	11/13/2015																	
MW-05	5/25/2011																	
MW-05	5/27/2011	<10	<10	<80	<10	<10	<20	<10	<10	<50	<20	<10	<10	<10	<20	<20	<10	<50
MW-05	11/11/2011																	
MW-05	5/15/2012																	
MW-05	11/15/2012																	
MW-05	5/16/2013																	
MW-05	5/28/2014																	
MW-05R	4/16/2014																	
MW-05R	11/24/2014																	
MW-05R	5/20/2015																	
MW-05R	11/13/2015																	
MW-06	5/23/2011																	
MW-06	11/8/2011																	
MW-06	5/8/2012																	
MW-06	11/16/2012																	
MW-06	5/14/2013																	
MW-06	10/10/2013																	
MW-06	5/20/2014																	
MW-06	11/18/2014																	
MW-06	5/15/2015																	
MW-06	11/11/2015																	
MW-07	5/24/2011																	
MW-07	5/27/2011	<10	<10	<80	<10	<10	<20	<10	<10	<50	<20	<10	<10	<10	<20	<20	<10	<50
MW-07	11/9/2011																	
MW-07	5/16/2012																	
MW-07	11/15/2012																	
MW-07	5/14/2013																	
MW-07	10/8/2013																	
MW-07	2/19/2014																	
MW-07	5/29/2014																	
MW-07	11/25/2014																	
MW-07	2/18/2015																	
MW-07	5/19/2015																	
MW-07	11/17/2015																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-07	1/19/2017																	
MW-08	5/24/2011																	
MW-08	11/9/2011																	
MW-08	5/16/2012																	
MW-08	11/15/2012																	
MW-08	5/14/2013																	
MW-08	10/8/2013																	
MW-08	2/19/2014																	
MW-08	5/30/2014																	
MW-08	11/25/2014																	
MW-08	2/18/2015																	
MW-08	5/21/2015																	
MW-08	11/16/2015																	
MW-09	5/24/2011																	
MW-09	11/11/2011																	
MW-09	5/14/2012																	
MW-09	11/14/2012																	
MW-09	5/15/2013																	
MW-09	10/10/2013																	
MW-09	5/27/2014																	
MW-09	11/21/2014																	
MW-09	5/20/2015																	
MW-09	11/19/2015																	
MW-10	5/24/2011																	
MW-10	11/11/2011																	
MW-10	5/15/2012																	
MW-10	11/14/2012																	
MW-10	5/15/2013																	
MW-10	10/10/2013																	
MW-10	5/27/2014																	
MW-10	11/21/2014																	
MW-10	5/20/2015																	
MW-10	11/19/2015																	
MW-11	5/23/2011																	
MW-11	11/9/2011																	
MW-11	5/8/2012																	
MW-11	11/13/2012																	
MW-11	5/15/2013																	
MW-11	10/9/2013																	
MW-11	5/28/2014																	
MW-11	11/20/2014																	
MW-11	5/18/2015																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-11	11/19/2015																	
MW-11	1/17/2017																	
MW-12	5/23/2011																	
MW-12	11/9/2011																	
MW-12	5/8/2012																	
MW-12	11/13/2012																	
MW-12	5/15/2013																	
MW-12	10/9/2013																	
MW-12	5/27/2014																	
MW-12	11/19/2014																	
MW-12	5/18/2015																	
MW-12	11/19/2015																	
MW-13	5/23/2011																	
MW-13	11/10/2011																	
MW-13	5/10/2012																	
MW-13	11/13/2012																	
MW-13	5/15/2013																	
MW-13	10/9/2013																	
MW-13	5/21/2014																	
MW-13	11/19/2014																	
MW-13	5/18/2015																	
MW-13	11/19/2015																	
MW-14	5/23/2011																	
MW-14	11/10/2011																	
MW-14	5/10/2012																	
MW-14	11/13/2012																	
MW-14	5/15/2013																	
MW-14	10/9/2013																	
MW-14	5/21/2014																	
MW-14	11/19/2014																	
MW-14	5/18/2015																	
MW-14	11/17/2015																	
MW-15	5/23/2011																	
MW-15	11/9/2011																	
MW-15	5/8/2012																	
MW-15	11/13/2012																	
MW-15	5/13/2013																	
MW-15	10/9/2013																	
MW-15	5/21/2014																	
MW-15	11/19/2014																	
MW-15	5/19/2015																	
MW-15	11/12/2015																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-16	5/23/2011																	
MW-16	11/9/2011																	
MW-16	5/8/2012																	
MW-16	11/13/2012																	
MW-16	5/13/2013																	
MW-16	10/9/2013																	
MW-16	5/21/2014																	
MW-16	11/19/2014																	
MW-16	5/19/2015																	
MW-16	11/12/2015																	
MW-17	5/24/2011																	
MW-17	11/10/2011																	
MW-17	5/14/2012																	
MW-17	11/15/2012																	
MW-17	5/14/2013																	
MW-17	10/7/2013																	
MW-17	5/21/2014																	
MW-17	11/24/2014																	
MW-17	5/19/2015																	
MW-17	11/12/2015																	
MW-17	1/18/2017																	
MW-18	5/23/2011																	
MW-18	11/8/2011																	
MW-18	5/8/2012																	
MW-18	11/16/2012																	
MW-18	5/14/2013																	
MW-18	10/10/2013																	
MW-18	5/20/2014																	
MW-18	11/18/2014																	
MW-18	5/15/2015																	
MW-18	11/12/2015																	
MW-19	5/23/2011																	
MW-19	11/10/2011																	
MW-19	5/10/2012																	
MW-19	11/13/2012																	
MW-19	5/14/2013																	
MW-19	10/9/2013																	
MW-19	5/21/2014																	
MW-19	11/19/2014																	
MW-19	5/18/2015																	
MW-19	11/17/2015																	
MW-20	5/24/2011																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-20	11/11/2011																	
MW-20	5/15/2012																	
MW-20	11/14/2012																	
MW-20	5/15/2013																	
MW-20	10/10/2013																	
MW-20	5/27/2014																	
MW-20	11/21/2014																	
MW-20	5/20/2015																	
MW-20	11/19/2015																	
MW-20	1/18/2017																	
MW-21	5/24/2011																	
MW-21	11/9/2011																	
MW-21	5/16/2012																	
MW-21	11/15/2012																	
MW-21	5/14/2013																	
MW-21	10/8/2013																	
MW-21	2/19/2014																	
MW-21	5/29/2014																	
MW-21	11/25/2014																	
MW-21	2/18/2015																	
MW-21	5/21/2015																	
MW-21	11/16/2015																	
MW-21	1/19/2017																	
MW-22	5/23/2011																	
MW-22	11/9/2011																	
MW-22	5/8/2012																	
MW-22	11/15/2012																	
MW-22	5/15/2013																	
MW-22	10/9/2013																	
MW-22	5/28/2014																	
MW-22	11/19/2014																	
MW-22	5/18/2015																	
MW-22	11/19/2015																	
MW-23	5/23/2011																	
MW-23	11/8/2011																	
MW-23	5/8/2012																	
MW-23	5/15/2013																	
MW-23	10/10/2013																	
MW-23	5/20/2014																	
MW-23	11/18/2014																	
MW-23	5/15/2015																	
MW-23	11/11/2015																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-24	5/23/2011																	
MW-24	11/8/2011																	
MW-24	5/8/2012																	
MW-24	11/16/2012																	
MW-24	5/14/2013																	
MW-24	10/10/2013																	
MW-24	5/20/2014																	
MW-24	11/19/2014																	
MW-24	5/15/2015																	
MW-24	11/11/2015																	
MW-25	5/25/2011																	
MW-25	5/10/2012																	
MW-25	11/19/2012																	
MW-25	5/15/2013																	
MW-25	10/10/2013																	
MW-25	5/29/2014																	
MW-25	11/25/2014																	
MW-25	5/21/2015																	
MW-25	11/20/2015																	
MW-26	5/24/2011																	
MW-26	11/10/2011																	
MW-26	5/15/2012																	
MW-26	11/14/2012																	
MW-26	5/15/2013																	
MW-26	10/7/2013																	
MW-26	2/18/2014																	
MW-26	5/23/2014																	
MW-26	11/20/2014																	
MW-26	5/19/2015																	
MW-26	11/16/2015																	
MW-26	1/18/2017																	
MW-27	5/24/2011																	
MW-27	11/10/2011																	
MW-27	5/15/2012																	
MW-27	11/14/2012																	
MW-27	5/16/2013																	
MW-27	10/10/2013																	
MW-27	2/19/2014																	
MW-27	5/23/2014																	
MW-27	11/20/2014																	
MW-27	5/19/2015																	
MW-27	11/16/2015																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-28	5/24/2011																	
MW-28	11/10/2011																	
MW-28	5/16/2012																	
MW-28	11/15/2012																	
MW-28	5/16/2013																	
MW-28	10/9/2013																	
MW-28	5/28/2014																	
MW-28	11/20/2014																	
MW-28	5/19/2015																	
MW-28	11/20/2015																	
MW-28	1/20/2017																	
MW-29	5/24/2011																	
MW-29	11/11/2011																	
MW-29	5/16/2012																	
MW-29	11/15/2012																	
MW-29	5/16/2013																	
MW-29	10/9/2013																	
MW-29	5/28/2014																	
MW-29	11/20/2014																	
MW-29	5/19/2015																	
MW-29	11/20/2015																	
MW-30	10/8/2013																	
MW-30	5/27/2014																	
MW-30	11/24/2014																	
MW-30	5/19/2015																	
MW-30	11/12/2015																	
MW-31	10/8/2013																	
MW-31	5/27/2014																	
MW-31	11/20/2014																	
MW-31	5/19/2015																	
MW-31	11/12/2015																	
MW-32	10/8/2013																	
MW-32	2/19/2014																	
MW-32	4/16/2014																	
MW-32	5/30/2014																	
MW-32	11/20/2014																	
MW-32	2/18/2015																	
MW-32	5/15/2015																	
MW-32	11/17/2015																	
MW-32	1/19/2017																	
MW-33	10/8/2013																	
MW-33	5/29/2014																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-33	11/24/2014																	
MW-33	5/21/2015																	
MW-33	11/16/2015																	
MW-34	4/16/2014																	
MW-34	11/24/2014																	
MW-34	2/18/2015																	
MW-34	5/21/2015																	
MW-34	11/16/2015																	
MW-35	4/16/2014																	
MW-35	11/24/2014																	
MW-35	2/18/2015																	
MW-35	5/21/2015																	
MW-35	11/16/2015																	
MW-36	4/17/2014																	
MW-36	11/20/2014																	
MW-36	2/18/2015																	
MW-36	5/15/2015																	
MW-36	11/17/2015																	
MW-37	1/6/2016																	
MW-37	1/17/2017																	
MW-38	1/6/2016																	
MW-38	1/17/2017																	
MW-39	6/23/2016																	
MW-39	1/17/2017																	
MW-40	6/23/2016																	
MW-40	1/17/2017																	
MW-41	6/23/2016																	
MW-41	1/17/2017																	
MW-42	6/23/2016																	
MW-42	1/17/2017																	
MW-43	6/23/2016																	
MW-44	6/23/2016																	
MW-45	6/23/2016																	
MW-45	1/17/2017																	
MW-46	6/23/2016																	
MW-47	6/23/2016																	
MW-48	6/23/2016																	
MW-48	1/18/2017																	
MW-49	10/7/2016																	
MW-50	10/7/2016																	
MW-51	10/7/2016																	
MW-51	1/16/2017																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
MW-52	10/7/2016																	
MW-52	1/16/2017																	
MW-53	10/7/2016																	
MW-54	10/7/2016																	
MW-54	1/16/2017																	
MW-55	10/7/2016																	
MW-55	1/16/2017																	
MW-56	10/7/2016																	
MW-56	1/16/2017																	
MW-57	10/7/2016																	
MW-57	1/16/2017																	
RW-02	11/11/2011																	
RW-02	5/8/2012																	
RW-02	11/19/2012																	
RW-02	5/13/2013																	
RW-02	10/14/2013																	
RW-02	5/23/2014																	
RW-02	11/25/2014																	
RW-02	2/18/2015																	
RW-02	5/18/2015																	
RW-02	11/17/2015																	
RW-03	11/11/2011																	
RW-03	5/8/2012																	
RW-03	11/19/2012																	
RW-03	5/13/2013																	
RW-03	10/14/2013																	
RW-03	5/23/2014																	
RW-03	11/17/2014																	
RW-03	5/20/2015																	
RW-03	11/17/2015																	
RW-04	11/9/2011																	
RW-04	5/8/2012																	
RW-04	11/19/2012																	
RW-04	5/13/2013																	
RW-04	10/14/2013																	
RW-04	5/23/2014																	
RW-04	11/17/2014																	
RW-04	5/20/2015																	
RW-06	11/11/2011																	
RW-06	5/8/2012																	
RW-06	11/19/2012																	
RW-06	5/13/2013																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	Hexachloro-cyclo-pentadiene (µg/L)	Hexachloro-ethane (µg/L)	Hexachloro-phene (µg/L)	Hexachloro-propene (µg/L)	Indeno(1,2,3-cd)-pyrene (µg/L)	Isodrin (µg/L)	Isophorone (µg/L)	Isosafrole (µg/L)	Kepone (µg/L)	Metha-pyrilene (µg/L)	Naphthalene (µg/L)	Nitro-benzene (µg/L)	N-Nitrosodi-butylamine (µg/L)	N-Nitrosodi-ethylamine (µg/L)	N-Nitrosodi-methylamine (µg/L)	N-Nitroso-di-n-propyl-amine (µg/L)	N-Nitrosodi-phenyl-amine/Diphenylamine (µg/L)
RW-06	10/14/2013																	
RW-06	5/23/2014																	
RW-06	11/17/2014																	
RW-06	5/18/2015																	
RW-06	11/17/2015																	
RW-07	11/11/2011																	
RW-07	5/8/2012																	
RW-07	11/19/2012																	
RW-07	5/13/2013																	
RW-07	10/14/2013																	
RW-07	5/23/2014																	
RW-07	5/18/2015																	
RW-07	11/17/2015																	
RW-07	1/18/2017																	
RW-08	10/7/2013																	
RW-08	2/19/2014																	
RW-08	11/17/2014																	
RW-08	2/18/2015																	
RW-08	5/20/2015																	
RW-08	11/17/2015																	
TW-01	3/3/2016																	
TW-01	6/23/2016																	
TW-01	1/17/2017																	
TW-02	3/3/2016																	
TW-02	6/23/2016																	
TW-02	1/17/2017																	
TW-03	3/3/2016																	
TW-03	6/23/2016																	
TW-03	1/17/2017																	

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
DPE-109	2/26/2014																
DPE-109	4/25/2014																
DPE-109	2/18/2015																
DPE-118	2/26/2014																
DPE-118	4/25/2014																
DPE-118	2/18/2015																
DPE-305	2/26/2014																
DPE-305	4/25/2014																
DPE-305	2/18/2015																
DPE-307	2/26/2014																
DPE-307	4/25/2014																
DPE-307	2/19/2015																
DPE-307	1/18/2017																
DPE-313	2/26/2014																
DPE-313	4/25/2014																
DPE-313	2/19/2015																
DPE-408	2/26/2014																
DPE-408	4/25/2014																
DPE-408	2/18/2015																
MW-02	5/24/2011																
MW-02	5/27/2011	<10	<10	<20	<40	<20	<10	<50	<20	<10	<10	<10	<10	<10	<10	<20	<20
MW-02	11/10/2011																
MW-02	5/16/2012	<10	<10	<20	<40	<20	<10	<50	<20	<10	<10	<10	<10	<10	<10	<20	<20
MW-02	11/14/2012																
MW-02	5/16/2013	<10	<10	<20	<40	<20	<10	<50	<20	<10	<10	<10	<10	<10	<10	<20	<20
MW-02	10/7/2013																
MW-02	5/30/2014	<10	<10	<20	<40	<20	<10	<50	<20	<10	<10	<10	<10	<10	<10	<20	<20
MW-02	11/24/2014																
MW-02	5/20/2015																
MW-02	11/13/2015																
MW-02	1/18/2017																
MW-03	5/24/2011																
MW-03	11/9/2011																
MW-03	5/15/2012																
MW-03	11/14/2012																
MW-03	5/16/2013																
MW-03	10/8/2013																
MW-03	5/28/2014																
MW-03	11/24/2014																
MW-03	5/20/2015																
MW-03	11/13/2015																
MW-04	5/25/2011																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-04	11/11/2011																
MW-04	5/15/2012																
MW-04	11/12/2012																
MW-04	5/16/2013																
MW-04	10/8/2013																
MW-04	5/29/2014																
MW-04	11/24/2014																
MW-04	11/13/2015																
MW-05	5/25/2011																
MW-05	5/27/2011	<10	<10	<20	<40	<20	<10	<50	<20	<10	<10	<10	<10	<10	<10	<20	<20
MW-05	11/11/2011																
MW-05	5/15/2012																
MW-05	11/15/2012																
MW-05	5/16/2013																
MW-05	5/28/2014																
MW-05R	4/16/2014																
MW-05R	11/24/2014																
MW-05R	5/20/2015																
MW-05R	11/13/2015																
MW-06	5/23/2011																
MW-06	11/8/2011																
MW-06	5/8/2012																
MW-06	11/16/2012																
MW-06	5/14/2013																
MW-06	10/10/2013																
MW-06	5/20/2014																
MW-06	11/18/2014																
MW-06	5/15/2015																
MW-06	11/11/2015																
MW-07	5/24/2011																
MW-07	5/27/2011	<10	<10	<20	<40	<20	<10	<50	<20	<10	<10	<10	<10	<10	<10	<20	<20
MW-07	11/9/2011																
MW-07	5/16/2012																
MW-07	11/15/2012																
MW-07	5/14/2013																
MW-07	10/8/2013																
MW-07	2/19/2014																
MW-07	5/29/2014																
MW-07	11/25/2014																
MW-07	2/18/2015																
MW-07	5/19/2015																
MW-07	11/17/2015																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-07	1/19/2017																
MW-08	5/24/2011																
MW-08	11/9/2011																
MW-08	5/16/2012																
MW-08	11/15/2012																
MW-08	5/14/2013																
MW-08	10/8/2013																
MW-08	2/19/2014																
MW-08	5/30/2014																
MW-08	11/25/2014																
MW-08	2/18/2015																
MW-08	5/21/2015																
MW-08	11/16/2015																
MW-09	5/24/2011																
MW-09	11/11/2011																
MW-09	5/14/2012																
MW-09	11/14/2012																
MW-09	5/15/2013																
MW-09	10/10/2013																
MW-09	5/27/2014																
MW-09	11/21/2014																
MW-09	5/20/2015																
MW-09	11/19/2015																
MW-10	5/24/2011																
MW-10	11/11/2011																
MW-10	5/15/2012																
MW-10	11/14/2012																
MW-10	5/15/2013																
MW-10	10/10/2013																
MW-10	5/27/2014																
MW-10	11/21/2014																
MW-10	5/20/2015																
MW-10	11/19/2015																
MW-11	5/23/2011																
MW-11	11/9/2011																
MW-11	5/8/2012																
MW-11	11/13/2012																
MW-11	5/15/2013																
MW-11	10/9/2013																
MW-11	5/28/2014																
MW-11	11/20/2014																
MW-11	5/18/2015																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-11	11/19/2015																
MW-11	1/17/2017																
MW-12	5/23/2011																
MW-12	11/9/2011																
MW-12	5/8/2012																
MW-12	11/13/2012																
MW-12	5/15/2013																
MW-12	10/9/2013																
MW-12	5/27/2014																
MW-12	11/19/2014																
MW-12	5/18/2015																
MW-12	11/19/2015																
MW-13	5/23/2011																
MW-13	11/10/2011																
MW-13	5/10/2012																
MW-13	11/13/2012																
MW-13	5/15/2013																
MW-13	10/9/2013																
MW-13	5/21/2014																
MW-13	11/19/2014																
MW-13	5/18/2015																
MW-13	11/19/2015																
MW-14	5/23/2011																
MW-14	11/10/2011																
MW-14	5/10/2012																
MW-14	11/13/2012																
MW-14	5/15/2013																
MW-14	10/9/2013																
MW-14	5/21/2014																
MW-14	11/19/2014																
MW-14	5/18/2015																
MW-14	11/17/2015																
MW-15	5/23/2011																
MW-15	11/9/2011																
MW-15	5/8/2012																
MW-15	11/13/2012																
MW-15	5/13/2013																
MW-15	10/9/2013																
MW-15	5/21/2014																
MW-15	11/19/2014																
MW-15	5/19/2015																
MW-15	11/12/2015																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-16	5/23/2011																
MW-16	11/9/2011																
MW-16	5/8/2012																
MW-16	11/13/2012																
MW-16	5/13/2013																
MW-16	10/9/2013																
MW-16	5/21/2014																
MW-16	11/19/2014																
MW-16	5/19/2015																
MW-16	11/12/2015																
MW-17	5/24/2011																
MW-17	11/10/2011																
MW-17	5/14/2012																
MW-17	11/15/2012																
MW-17	5/14/2013																
MW-17	10/7/2013																
MW-17	5/21/2014																
MW-17	11/24/2014																
MW-17	5/19/2015																
MW-17	11/12/2015																
MW-17	1/18/2017																
MW-18	5/23/2011																
MW-18	11/8/2011																
MW-18	5/8/2012																
MW-18	11/16/2012																
MW-18	5/14/2013																
MW-18	10/10/2013																
MW-18	5/20/2014																
MW-18	11/18/2014																
MW-18	5/15/2015																
MW-18	11/12/2015																
MW-19	5/23/2011																
MW-19	11/10/2011																
MW-19	5/10/2012																
MW-19	11/13/2012																
MW-19	5/14/2013																
MW-19	10/9/2013																
MW-19	5/21/2014																
MW-19	11/19/2014																
MW-19	5/18/2015																
MW-19	11/17/2015																
MW-20	5/24/2011																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-20	11/11/2011																
MW-20	5/15/2012																
MW-20	11/14/2012																
MW-20	5/15/2013																
MW-20	10/10/2013																
MW-20	5/27/2014																
MW-20	11/21/2014																
MW-20	5/20/2015																
MW-20	11/19/2015																
MW-20	1/18/2017																
MW-21	5/24/2011																
MW-21	11/9/2011																
MW-21	5/16/2012																
MW-21	11/15/2012																
MW-21	5/14/2013																
MW-21	10/8/2013																
MW-21	2/19/2014																
MW-21	5/29/2014																
MW-21	11/25/2014																
MW-21	2/18/2015																
MW-21	5/21/2015																
MW-21	11/16/2015																
MW-21	1/19/2017																
MW-22	5/23/2011																
MW-22	11/9/2011																
MW-22	5/8/2012																
MW-22	11/15/2012																
MW-22	5/15/2013																
MW-22	10/9/2013																
MW-22	5/28/2014																
MW-22	11/19/2014																
MW-22	5/18/2015																
MW-22	11/19/2015																
MW-23	5/23/2011																
MW-23	11/8/2011																
MW-23	5/8/2012																
MW-23	5/15/2013																
MW-23	10/10/2013																
MW-23	5/20/2014																
MW-23	11/18/2014																
MW-23	5/15/2015																
MW-23	11/11/2015																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-24	5/23/2011																
MW-24	11/8/2011																
MW-24	5/8/2012																
MW-24	11/16/2012																
MW-24	5/14/2013																
MW-24	10/10/2013																
MW-24	5/20/2014																
MW-24	11/19/2014																
MW-24	5/15/2015																
MW-24	11/11/2015																
MW-25	5/25/2011																
MW-25	5/10/2012																
MW-25	11/19/2012																
MW-25	5/15/2013																
MW-25	10/10/2013																
MW-25	5/29/2014																
MW-25	11/25/2014																
MW-25	5/21/2015																
MW-25	11/20/2015																
MW-26	5/24/2011																
MW-26	11/10/2011																
MW-26	5/15/2012																
MW-26	11/14/2012																
MW-26	5/15/2013																
MW-26	10/7/2013																
MW-26	2/18/2014																
MW-26	5/23/2014																
MW-26	11/20/2014																
MW-26	5/19/2015																
MW-26	11/16/2015																
MW-26	1/18/2017																
MW-27	5/24/2011																
MW-27	11/10/2011																
MW-27	5/15/2012																
MW-27	11/14/2012																
MW-27	5/16/2013																
MW-27	10/10/2013																
MW-27	2/19/2014																
MW-27	5/23/2014																
MW-27	11/20/2014																
MW-27	5/19/2015																
MW-27	11/16/2015																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-28	5/24/2011																
MW-28	11/10/2011																
MW-28	5/16/2012																
MW-28	11/15/2012																
MW-28	5/16/2013																
MW-28	10/9/2013																
MW-28	5/28/2014																
MW-28	11/20/2014																
MW-28	5/19/2015																
MW-28	11/20/2015																
MW-28	1/20/2017																
MW-29	5/24/2011																
MW-29	11/11/2011																
MW-29	5/16/2012																
MW-29	11/15/2012																
MW-29	5/16/2013																
MW-29	10/9/2013																
MW-29	5/28/2014																
MW-29	11/20/2014																
MW-29	5/19/2015																
MW-29	11/20/2015																
MW-30	10/8/2013																
MW-30	5/27/2014																
MW-30	11/24/2014																
MW-30	5/19/2015																
MW-30	11/12/2015																
MW-31	10/8/2013																
MW-31	5/27/2014																
MW-31	11/20/2014																
MW-31	5/19/2015																
MW-31	11/12/2015																
MW-32	10/8/2013																
MW-32	2/19/2014																
MW-32	4/16/2014																
MW-32	5/30/2014																
MW-32	11/20/2014																
MW-32	2/18/2015																
MW-32	5/15/2015																
MW-32	11/17/2015																
MW-32	1/19/2017																
MW-33	10/8/2013																
MW-33	5/29/2014																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-33	11/24/2014																
MW-33	5/21/2015																
MW-33	11/16/2015																
MW-34	4/16/2014																
MW-34	11/24/2014																
MW-34	2/18/2015																
MW-34	5/21/2015																
MW-34	11/16/2015																
MW-35	4/16/2014																
MW-35	11/24/2014																
MW-35	2/18/2015																
MW-35	5/21/2015																
MW-35	11/16/2015																
MW-36	4/17/2014																
MW-36	11/20/2014																
MW-36	2/18/2015																
MW-36	5/15/2015																
MW-36	11/17/2015																
MW-37	1/6/2016																
MW-37	1/17/2017																
MW-38	1/6/2016																
MW-38	1/17/2017																
MW-39	6/23/2016																
MW-39	1/17/2017																
MW-40	6/23/2016																
MW-40	1/17/2017																
MW-41	6/23/2016																
MW-41	1/17/2017																
MW-42	6/23/2016																
MW-42	1/17/2017																
MW-43	6/23/2016																
MW-44	6/23/2016																
MW-45	6/23/2016																
MW-45	1/17/2017																
MW-46	6/23/2016																
MW-47	6/23/2016																
MW-48	6/23/2016																
MW-48	1/18/2017																
MW-49	10/7/2016																
MW-50	10/7/2016																
MW-51	10/7/2016																
MW-51	1/16/2017																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
MW-52	10/7/2016																
MW-52	1/16/2017																
MW-53	10/7/2016																
MW-54	10/7/2016																
MW-54	1/16/2017																
MW-55	10/7/2016																
MW-55	1/16/2017																
MW-56	10/7/2016																
MW-56	1/16/2017																
MW-57	10/7/2016																
MW-57	1/16/2017																
RW-02	11/11/2011																
RW-02	5/8/2012																
RW-02	11/19/2012																
RW-02	5/13/2013																
RW-02	10/14/2013																
RW-02	5/23/2014																
RW-02	11/25/2014																
RW-02	2/18/2015																
RW-02	5/18/2015																
RW-02	11/17/2015																
RW-03	11/11/2011																
RW-03	5/8/2012																
RW-03	11/19/2012																
RW-03	5/13/2013																
RW-03	10/14/2013																
RW-03	5/23/2014																
RW-03	11/17/2014																
RW-03	5/20/2015																
RW-03	11/17/2015																
RW-04	11/9/2011																
RW-04	5/8/2012																
RW-04	11/19/2012																
RW-04	5/13/2013																
RW-04	10/14/2013																
RW-04	5/23/2014																
RW-04	11/17/2014																
RW-04	5/20/2015																
RW-06	11/11/2011																
RW-06	5/8/2012																
RW-06	11/19/2012																
RW-06	5/13/2013																

Table 2. All Groundwater SVOC Results

Location	Date Sampled	N-Nitrosomethyl-ethylamine (µg/L)	N-Nitroso-morpholine (µg/L)	N-Nitroso-piperidine (µg/L)	N-Nitroso-pyrrolidine (µg/L)	o-Toluidine (µg/L)	Pentachloro-benzene (µg/L)	Pentachloro-phenol (µg/L)	Phenacetin (µg/L)	Phenanthrene (µg/L)	Phenol (µg/L)	Phorate (µg/L)	Pronamide (µg/L)	Pyrene (µg/L)	Pyridine (µg/L)	Safrole (µg/L)	Thionazin (µg/L)
RW-06	10/14/2013																
RW-06	5/23/2014																
RW-06	11/17/2014																
RW-06	5/18/2015																
RW-06	11/17/2015																
RW-07	11/11/2011																
RW-07	5/8/2012																
RW-07	11/19/2012																
RW-07	5/13/2013																
RW-07	10/14/2013																
RW-07	5/23/2014																
RW-07	5/18/2015																
RW-07	11/17/2015																
RW-07	1/18/2017																
RW-08	10/7/2013																
RW-08	2/19/2014																
RW-08	11/17/2014																
RW-08	2/18/2015																
RW-08	5/20/2015																
RW-08	11/17/2015																
TW-01	3/3/2016																
TW-01	6/23/2016																
TW-01	1/17/2017																
TW-02	3/3/2016																
TW-02	6/23/2016																
TW-02	1/17/2017																
TW-03	3/3/2016																
TW-03	6/23/2016																
TW-03	1/17/2017																

Table 3. All Groundwater Pesticide, Herbicide, and PCB Results

Location Date Sampled	MW-02 5/27/2011	MW-02 5/16/2012	MW-02 5/16/2013	MW-02 5/30/2014	MW-05 5/27/2011	MW-07 5/27/2011
Constituent	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**	**(µg/L)**
2,4,5-T	<2	<2	<2	<2	<2	<2
2,4,5-TC (Silvex)	<2	<2	<2	<2	<2	<2
2,4-D	<2	<2	<2	<2	<2	<2
4,4'-DDD	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4,4'-DDE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4,4'-DDT	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-Chlorobenzilate	<10	<10	<10	<10	<10	<10
Aldrin	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
alpha-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aroclor 1016	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1221	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1232	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1242	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1248	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1254	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1260	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
beta-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
delta-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dieldrin	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dinoseb (DNBP)	<5	<5	<5	<5	<5	<5
Endosulfan I	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan II	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan sulfate	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor epoxide	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methoxychlor	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl parathion	<10	<10	<10	<10	<10	<10
Parathion	<10	<10	<10	<10	<10	<10
Toxaphene	<3	<3	<3	<3	<3	<3

Table 4. All Groundwater Inorganics Results

Location	Date Sampled	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Cyanide (µg/L)	Iron (µg/L)	Lead (µg/L)	Manganese (µg/L)	Mercury (µg/L)	Nickel (µg/L)	Selenium (µg/L)	Silver (µg/L)	Sulfide (µg/L)	Thallium (µg/L)	Tin (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
DPE-109	2/26/2014										4480		2750									
DPE-118	2/26/2014										6660		1860									
DPE-305	2/26/2014										34500		7340									
DPE-307	2/26/2014										8040		13600									
DPE-313	2/26/2014										42400		7930									
DPE-408	2/26/2014										8380		3980									
MW-02	5/27/2011	<6	<10	95.2	<4	<5	<20	<50	<20	<10		<10		<0.2	<40	<50	<5	<2000	<2	<40	<50	<20
MW-02	5/16/2012	<6	<10	80	<4	<5	<20	<50	<20	<10		<10		<0.2	<40	<50	<5	<2000	<2	<40	<50	<20
MW-02	5/16/2013	<6	<10	87.3	<4	<5	<20	<50	21.8	<10		<10		<0.2	<40	<50	<5	<2000	<2	<40	<50	<20
MW-02	10/7/2013											<10										
MW-02	5/30/2014	<6	<10	61.4	<4	<5	<20	<50	<20	<10		<10		<0.2	<40	<50	<5	<2000	<2	<40	<50	<20
MW-02	11/24/2014											<10										
MW-02	5/20/2015											1.25										
MW-02	11/13/2015											<10										
MW-03	10/8/2013											<10										
MW-03	11/24/2014											<10										
MW-03	5/20/2015											4.91										
MW-03	11/13/2015											<10										
MW-04	10/8/2013											14.1										
MW-04	11/24/2014											<10										
MW-04	11/13/2015											<10										
MW-05	5/27/2011	<6	<10	23.6	<4	<5	<20	<50	<20	<10		<10		<0.2	<40	<50	<5	<2000	<2	<40	<50	<20
MW-05R	11/24/2014											<10										
MW-05R	5/20/2015											<1										
MW-05R	11/13/2015											<10										
MW-07	5/27/2011	<6	<10	25.6	<4	<5	<20	<50	<20	<10		<10		<0.2	<40	<50	<5	<2000	<2	<40	<50	<20
MW-07	10/8/2013											<10										
MW-08	10/8/2013											<10										
MW-17	10/7/2013											27.9										
MW-17	11/24/2014											<10										
MW-17	5/19/2015											1.3										
MW-17	11/12/2015											<10										
MW-21	10/8/2013											<10										
MW-26	10/7/2013											<10										
MW-30	10/8/2013											<10										
MW-30	11/24/2014											<10										
MW-30	5/19/2015											2.35										
MW-30	11/12/2015											<10										
MW-31	10/8/2013											<10										
MW-31	11/20/2014											<10										
MW-31	5/19/2015											3.09										
MW-31	11/12/2015											<10										
MW-32	10/8/2013											<10										
MW-33	10/8/2013											<10										
RW-08	10/7/2013										112											

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	3/9/2010		1-2																<0.044
SB-1	3/9/2010		15-17																<230
SB-1	3/9/2010		20-22																<0.037
SB-10	8/24/2010		12.5-15							<0.0062						<0.0062			<0.031
SB-10	8/24/2010		17.5-20							<31						<31			<150
SB-10	8/24/2010	Yes	1-2							0.65						0.29			<1.4
SB-100	5/20/2013	Yes	0																
SB-101	5/20/2013	Yes	0																
SB-102	5/20/2013		0																
SB-103	5/20/2013	Yes	0																
SB-104	5/20/2013	Yes	0																
SB-105	5/20/2013	Yes	0																
SB-11	8/24/2010		1-2							<0.51						<0.51			<2.5
SB-11	8/24/2010		12.5-15							<0.005						<0.005			<0.025
SB-11	8/24/2010		17.5-20							<10						<10			<52
SB-110	7/24/2013		0-1																
SB-111	7/24/2013		0-2																
SB-112	7/24/2013	Yes	0-2																
SB-113	7/24/2013	Yes	0-2																
SB-115	7/24/2013	Yes	0-2																
SB-116	7/24/2013	Yes	0-2																
SB-117	7/24/2013	Yes	0-2																
SB-118	7/24/2013	Yes	0-2																
SB-119	7/24/2013	Yes	0-2																
SB-12	8/24/2010		1-2							<0.14						<0.14			<0.72
SB-12	8/24/2010		10-12.5							<0.0069						<0.0069			<0.034
SB-12	8/24/2010		17.5-20							<0.0063						<0.0063			<0.031
SB-120	7/24/2013	Yes	0-1																
SB-121	8/5/2013	Yes	0-2																
SB-122	8/5/2013	Yes	0-2																
SB-123	8/5/2013	Yes	0-2																
SB-124	8/5/2013	Yes	0-2																
SB-125	8/5/2013	Yes	0-2																
SB-126	8/5/2013	Yes	0-2																
SB-127	8/12/2013		0-1																
SB-128	8/12/2013		0-1																
SB-13	8/24/2010		1-2							<0.005						<0.005			<0.025
SB-13	8/24/2010		7.5-10							<16						<16			<80
SB-13	8/24/2010		12.5-15							24						<19			<94
SB-130	8/15/2013		0-0.5																
SB-131	8/15/2013	Yes	0-2																
SB-131B	8/22/2013	Yes	0-2																

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-132	8/15/2013		0-2																
SB-133	8/15/2013	Yes	0-2																
SB-133B	8/22/2013	Yes	0-2																
SB-134	8/15/2013	Yes	0-2																
SB-135	8/15/2013		0-2																
SB-136	8/15/2013		0-0.5																
SB-137	8/15/2013		0-0.5																
SB-138	8/15/2013		0-0.5																
SB-139	8/22/2013	Yes	0-2																
SB-14	8/24/2010		1-2							<0.084						<0.084			<0.42
SB-14	8/24/2010		12.5-15							<0.0076						<0.0076			<0.038
SB-14	8/24/2010		17.5-20							<0.0067						<0.0067			<0.034
SB-140	8/22/2013		0-2																
SB-141	8/22/2013	Yes	0-2																
SB-142	1/14/2015		0-1	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075		<0.0075	<0.0075	<0.0075	<0.0075	<0.0075		<0.0075	<0.0075	<0.075
SB-142	1/14/2015		1-3	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065		<0.0065	<0.0065	<0.0065	<0.0065	<0.0065		<0.0065	<0.0065	<0.065
SB-142	1/14/2015		8-10																
SB-142	1/14/2015		26-28	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045		<0.0045	<0.0045	<0.0045	<0.0045	<0.0045		<0.0045	<0.0045	<0.045
SB-143	1/14/2015		1-3																
SB-143	1/14/2015		6-8	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057		<0.0057	<0.0057	<0.0057	<0.0057	<0.0057		<0.0057	<0.0057	<0.057
SB-143	1/14/2015		8-10																
SB-143	1/14/2015		18-20	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014		<0.014	<0.014	<0.014	<0.014	<0.014		<0.014	<0.014	<0.14
SB-143	1/14/2015		22-24	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041		<0.0041	<0.0041	<0.0041	<0.0041	<0.0041		<0.0041	<0.0041	<0.041
SB-144	1/14/2015		0-1	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066		<0.0066	<0.0066	<0.0066	<0.0066	<0.0066		<0.0066	<0.0066	<0.066
SB-144	1/14/2015		1-3																
SB-144	1/14/2015		8-10																
SB-144	1/14/2015		24-25	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041		<0.0041	<0.0041	<0.0041	<0.0041	<0.0041		<0.0041	<0.0041	<0.041
SB-145	1/14/2015		0-1	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066		<0.0066	<0.0066	<0.0066	<0.0066	<0.0066		<0.0066	<0.0066	<0.066
SB-145	1/14/2015		1-3	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077		<0.0077	<0.0077	<0.0077	<0.0077	<0.0077		<0.0077	<0.0077	<0.077
SB-145	1/14/2015		8-10																
SB-145	1/14/2015		17-19.5	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057		<0.0057	<0.0057	<0.0057	<0.0057	<0.0057		<0.0057	<0.0057	<0.057
SB-146	1/14/2015		0-1	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069		<0.0069	<0.0069	<0.0069	<0.0069	<0.0069		<0.0069	<0.0069	<0.069
SB-146	1/14/2015		1-3																
SB-146	1/14/2015		8-10																
SB-146	1/14/2015		18-19	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045		<0.0045	<0.0045	<0.0045	<0.0045	<0.0045		<0.0045	<0.0045	<0.045
SB-147	1/14/2015		0-1	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055		<0.0055	<0.0055	<0.0055	<0.0055	<0.0055		<0.0055	<0.0055	<0.055
SB-147	1/14/2015		1-3																
SB-147	1/14/2015		8-10																
SB-147	1/14/2015		22-24	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088		<0.0088	<0.0088	<0.0088	<0.0088	<0.0088		<0.0088	<0.0088	<0.088
SB-148	1/14/2015		0-1	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039		<0.0039	<0.0039	<0.0039	<0.0039	<0.0039		<0.0039	<0.0039	<0.039
SB-148	1/14/2015		1-3	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4		<2.4	<2.4	<2.4	<2.4	<2.4		<2.4	<2.4	<24
SB-148	1/14/2015		8-10																

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-148	1/14/2015		22-23	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051		<0.0051	<0.0051	<0.0051	<0.0051	<0.0051		<0.0051	<0.0051	4.1D
SB-149	1/15/2015		0-1	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055		<0.0055	<0.0055	<0.0055	<0.0055	<0.0055		<0.0055	<0.0055	<0.055
SB-149	1/15/2015		1-3																
SB-149	1/15/2015		8-10																
SB-149	1/15/2015		22-24	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055		<0.0055	<0.0055	<0.0055	<0.0055	<0.0055		<0.0055	<0.0055	<0.055
SB-15	8/25/2010		1-2							<0.11						<0.11			<0.54
SB-15	8/25/2010		8-10							0.13						0.075			<0.031
SB-15	8/25/2010		17.5-20							<0.0062						<0.0062			<0.031
SB-150	1/15/2015		0-1	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041		<0.0041	<0.0041	<0.0041	<0.0041	<0.0041		<0.0041	<0.0041	<0.041
SB-150	1/15/2015		1-3																
SB-150	1/15/2015		8-10																
SB-150	1/15/2015		16-18	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047		<0.0047	<0.0047	<0.0047	<0.0047	<0.0047		<0.0047	<0.0047	<0.047
SB-150	1/15/2015		22-24	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073		<0.0073	<0.0073	<0.0073	<0.0073	<0.0073		<0.0073	<0.0073	<0.073
SB-151	1/15/2015		0-1	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052		<0.0052	<0.0052	<0.0052	<0.0052	<0.0052		<0.0052	<0.0052	<0.052
SB-151	1/15/2015		1-3																
SB-151	1/15/2015		8-10																
SB-151	1/15/2015		14-16	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048		<0.0048	<0.0048	<0.0048	<0.0048	<0.0048		<0.0048	<0.0048	<0.048
SB-151	1/15/2015		22-23	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056		<0.0056	<0.0056	<0.0056	<0.0056	<0.0056		<0.0056	<0.0056	<0.056
SB-152	1/15/2015		0-1	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044		<0.0044	<0.0044	<0.0044	<0.0044	<0.0044		<0.0044	<0.0044	<0.044
SB-152	1/15/2015		1-3																
SB-152	1/15/2015		8-10																
SB-152	1/15/2015		18-20	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053		<0.0053	<0.0053	<0.0053	<0.0053	<0.0053		<0.0053	<0.0053	<0.053
SB-152	1/15/2015		22-24	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045		<0.0045	<0.0045	<0.0045	<0.0045	<0.0045		<0.0045	<0.0045	<0.045
SB-153	1/15/2015		8-10																
SB-153	1/15/2015		20-22	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075		<0.0075	<0.0075	<0.0075	<0.0075	<0.0075		<0.0075	<0.0075	<0.075
SB-153	1/15/2015		22-24	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042		<0.0042	<0.0042	<0.0042	<0.0042	<0.0042		<0.0042	<0.0042	<0.042
SB-154	4/23/2015		0-1																
SB-154	4/23/2015		1-3																
SB-154	4/23/2015		3-5																
SB-155	4/23/2015		0-1																
SB-155	4/23/2015		1-3																
SB-155	4/23/2015		3-5																
SB-156	4/23/2015		0-1																
SB-156	4/23/2015		1-3																
SB-156	4/23/2015		3-5																
SB-156	7/29/2015		0-1																
SB-156	7/29/2015		1-3																
SB-156	7/29/2015		3-5																
SB-156	7/29/2015		5-7																
SB-157	4/23/2015		0-1																
SB-157	4/23/2015		1-3																
SB-157	4/23/2015		3-5																

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-158	7/29/2015		0-1																
SB-158	7/29/2015		1-3																
SB-158	7/29/2015		3-5																
SB-158	7/29/2015		5-7																
SB-159	7/29/2015		0-1																
SB-159	7/29/2015		1-3																
SB-159	7/29/2015		3-5																
SB-159	7/29/2015		5-7																
SB-16	8/25/2010		1-2							<0.0058						<0.0058			<0.029
SB-16	8/25/2010		8-10							<0.0058						<0.0058			<0.029
SB-16	8/25/2010		15-17.5							<0.0066						<0.0066			<0.033
SB-17	8/25/2010		7.5-10							<0.18						<0.18			<0.9
SB-17	8/25/2010		12.5-15							<0.17						<0.17			<0.83
SB-18	8/25/2010		7.5-10							<0.16						<0.16			<0.8
SB-18	8/25/2010		17.5-20							<0.43						<0.43			<2.1
SB-19	8/25/2010		1-2							<0.16						<0.16			<0.78
SB-19	8/25/2010		7.5-10							<0.16						<0.16			<0.8
SB-19	8/25/2010		12.5-15							<0.18						<0.18			<0.92
SB-19	8/25/2010		22.5-25							34						50			<140
SB-2	3/9/2010		13-15																<27
SB-2	3/9/2010		20-22																<22
SB-2	3/9/2010	Yes	1-2																<0.044
SB-20	8/25/2010		17.5-20							0.49						0.52			<0.76
SB-21	8/25/2010		1-2							0.02						0.0094			<0.026
SB-21	8/25/2010		7.5-10							<0.54						<0.54			<2.7
SB-21	8/25/2010		17.5-20							<86						<86			<430
SB-23	8/25/2010		10-12.5							<0.01						<0.01			<0.051
SB-23	8/25/2010		17.5-20							<0.0064						<0.0064			<0.032
SB-23A	7/13/2012		0-2																
SB-24	8/25/2010		1-2							<0.14						<0.14			<0.72
SB-24	8/25/2010		7.5-10							<0.17						<0.17			<0.86
SB-24	8/25/2010		17.5-20							40						<30			<150
SB-25	8/25/2010		1-2							<0.0076						<0.0076			<0.038
SB-25	8/25/2010		10-12.5							<0.59						<0.59			17F
SB-25	8/25/2010		15-17.5							<33						<33			<170
SB-26	8/25/2010		1-2							<0.0054						<0.0054			<0.027
SB-26	8/25/2010		12.5-15							<0.0055						<0.0055			<0.027
SB-26	8/25/2010		17.5-20							<1.6						<1.6			<7.8
SB-27	8/25/2010		7.5-10							<0.006						<0.006			<0.03
SB-27	8/25/2010		17.5-20							<0.0056						<0.0056			<0.028
SB-27	8/25/2010	Yes	1-2							13						4.9			<13
SB-28	8/25/2010		7.5-10							<0.006						<0.006			<0.03

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-28	8/25/2010		17.5-20							<0.0063						<0.0063			<0.031
SB-29	8/25/2010		1-2							<0.0059						<0.0059			<0.03
SB-29	8/25/2010		7.5-10							<0.0065						<0.0065			<0.033
SB-29	8/25/2010		17.5-20							23						12			<32
SB-3	3/9/2010		8-10																<0.035
SB-3	3/9/2010		20-22																<0.046
SB-3	3/9/2010	Yes	1-2																<0.043
SB-30	8/25/2010		10-12.5							<8.1						<8.1			<41
SB-30	8/25/2010		15-17.5							<16						<16			<80
SB-30	8/25/2010	Yes	1-2							<0.99						<0.99			<4.9
SB-31	8/25/2010		1-2							40						8.4			<5.7
SB-31	8/25/2010		7.5-10							75						28			<14
SB-31	8/25/2010		12.5-15							0.48						0.2			<0.75
SB-31	8/25/2010		22.5-25							1.2						0.59			<1.5
SB-32	8/25/2010		10-12.5							<0.0066						<0.0066			<0.033
SB-32	8/25/2010		20-22.5							36						16			<9.3
SB-32	8/25/2010	Yes	1-2							6.3						6.6			<3.1
SB-33	8/26/2010		1-2							<0.21						<0.21			<1
SB-33	8/26/2010		7.5-10							<0.26						<0.26			<1.3
SB-33	8/26/2010		12.5-15							<29						<29			<150
SB-34	8/26/2010		1-2							<0.0051						<0.0051			<0.025
SB-34	8/26/2010		7.5-10							<0.0054						<0.0054			<0.027
SB-34	8/26/2010		17.5-20							<0.39						<0.39			<1.9
SB-35	8/26/2010		7.5-10							<0.28						<0.28			<1.4
SB-35	8/26/2010		12.5-15							<1.2						<1.2			<6.2
SB-36	8/26/2010		1-2							<0.0045						<0.0045			<0.023
SB-36	8/26/2010		7.5-10							<0.005						<0.005			<0.025
SB-36	8/26/2010		12.5-15							0.24						0.31			<0.86
SB-37	8/26/2010		1-2							<0.0042						<0.0042			<0.021
SB-37	8/26/2010		7.5-10							<0.0049						<0.0049			<0.025
SB-37	8/26/2010		17.5-20							<0.17						<0.17			<0.87
SB-38	8/26/2010		1-2							<0.0042						<0.0042			<0.021
SB-38	8/26/2010		12.5-15							0.27						<0.19			<0.93
SB-38	8/26/2010		20-22.5							9.7						<6.8			<34
SB-39	8/26/2010		1-2							<0.54						<0.54			<2.7
SB-39	8/26/2010		10-12.5							0.32						0.25			<0.55
SB-39	8/26/2010		15-17.5							16						8.6			<16
SB-4	3/9/2010		18-20																<0.046
SB-4	3/9/2010		20-22																<25
SB-4	3/9/2010	Yes	1-2																<20
SB-40	8/26/2010		10-12.5							<0.14						<0.14			<0.68
SB-40	8/26/2010		15-17.5							<5.4						<5.4			<27

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-40	8/26/2010	Yes	1-2							1.7						2.1			<5.7
SB-41	8/27/2010		10-12.5							17						<17			<85
SB-41	8/27/2010		17.5-20							<0.36						<0.36			<1.8
SB-41	8/27/2010	Yes	1-2							1.7						<1.2			<5.8
SB-41A	7/15/2012	Yes	0-2																
SB-42	8/27/2010		1-2							<0.0047						<0.0047			<0.023
SB-42	8/27/2010		12.5-15							0.0056						<0.005			<0.025
SB-42	8/27/2010		20-22.5							1.1						0.39			<1.7
SB-43	8/27/2010		5-7.5							12						7			<31
SB-43	8/27/2010		20-22.5							15						<7.8			<39
SB-46	7/13/2012		8-10																<23
SB-46	7/13/2012		18-20																<29
SB-46	7/13/2012	Yes	0-2																<0.027
SB-47	7/13/2012		8-10																<19
SB-47	7/13/2012		16-18																<72
SB-47	7/13/2012	Yes	0-2																<0.033
SB-48	7/13/2012		0-2																<0.025
SB-48	7/13/2012		14-16																<72
SB-49	7/13/2012		1-2																
SB-49	7/13/2012		16-18																<0.03
SB-5	3/9/2010		1-2																<23
SB-5	3/9/2010		10-12																<220
SB-5	3/9/2010		20-22																<210
SB-50	7/14/2012		18-20																<0.032
SB-51	7/14/2012		1-2																<0.023
SB-52	7/14/2012		26-28																<1.6
SB-52	7/14/2012		18-20																<1600
SB-53	7/14/2012		16-18																<3.1
SB-53	7/14/2012		20-22																<64
SB-54	7/13/2012		16-18																<1.3
SB-54	7/13/2012		20-22																<1.6
SB-55	7/13/2012	Yes	0-2																
SB-56	7/15/2012		0-2																
SB-56	7/15/2012		2-4																
SB-56	7/15/2012		10-12																1.7
SB-56	7/15/2012		16-18																<1600
SB-57	7/14/2012		2-4																
SB-57	7/14/2012		12-14																<1.4
SB-57	7/14/2012		18-20																<63
SB-57	7/14/2012	Yes	0-2																<0.023
SB-58	7/14/2012		2-3																
SB-58	7/14/2012		18-20																<3

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-59	7/14/2012		10-12																<0.026
SB-59	7/14/2012		18-20																<0.029
SB-6	3/9/2010		1-2																<0.049
SB-6	3/9/2010		10-12																<420
SB-6	3/9/2010		20-22																<200
SB-60	7/13/2012		0-2																
SB-60	7/13/2012		18-20																<3
SB-61	7/15/2012		18-20																<1.4
SB-62	7/15/2012		0-2																
SB-62	7/15/2012		18-20																<0.038
SB-63	7/15/2012		1-2																<0.025
SB-63	7/15/2012		8-10																<29
SB-63	7/15/2012		14-16																<2.7
SB-64	7/15/2012		12-14																<0.027
SB-64	7/15/2012		18-20																<2
SB-64	7/15/2012	Yes	0-2																
SB-65	7/15/2012		0-2																
SB-66	7/15/2012		0-2																
SB-67	7/15/2012		0-2																
SB-68	7/15/2012		0-2																
SB-69	7/15/2012		0-2																
SB-7	3/9/2010		8-10																<230
SB-7	3/9/2010		20-22																<220
SB-7	3/9/2010	Yes	1-2																<4.3
SB-8	3/9/2010		1-2																<0.039
SB-8	3/9/2010		13-15																<22
SB-8	3/9/2010		20-22																<20
SB-9	3/9/2010		5-7																45
SB-9	3/9/2010		20-22																<200
SB-9	3/9/2010	Yes	1-2																<200
Zone 1 - A1 - E Wall	4/23/2013		1-2																
Zone 1 - A2	4/23/2013		2																
Zone 1 - B1	4/24/2013		2																
Zone 1 - B3	4/23/2013		2																
Zone 1 - B3 - E Wall	4/23/2013		1-2																
Zone 1 - B4 - S Wall	4/23/2013		1-2																
Zone 1 - C1 - N Wall	4/23/2013		1-2																
Zone 1 - C2	4/23/2013		2	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018		<0.0018	<0.0018	<0.0018	<0.0018	<0.0018		<0.0018	<0.0018	<0.018
Zone 1 - C4	4/24/2013		2																
Zone 1 - D1	4/23/2013		2																
Zone 1 - D3	4/24/2013		2																
Zone 1 - D4 - W Wall	4/24/2013		1-2																

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 1 - D5	4/24/2013		2																
Zone 1 - E2	4/24/2013		2																
Zone 1 - F1	4/24/2013		2																
Zone 1 - F1 - N Wall	4/24/2013		1-2																
Zone 1 - F3	4/24/2013		2																
Zone 1 - F3 - W Wall	4/24/2013		1-2																
Zone 2A - A1 - N Wall	6/20/2013		1-2																
Zone 2A - A2	6/20/2013		2																
Zone 2A - A2 - W Wall	6/20/2013		1-2																
Zone 2A - B1	6/20/2013		2																
Zone 2A - C1 - N Wall	6/20/2013		1-2																
Zone 2A - C2	6/20/2013		2	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034		<0.0034	<0.0034	<0.0034	<0.0034	<0.0034		<0.0034	<0.0034	<0.034
Zone 2A - C2 - S Wall	6/20/2013		1-2																
Zone 2A - D1	6/26/2013		2																
Zone 2A - D2 - S Wall	6/26/2013		1-2																
Zone 2A - E1 - N Wall	6/26/2013	Yes	1-2																
Zone 2A - E2	6/26/2013		2																
Zone 2A - E2 - S Wall	6/26/2013		1-2																
Zone 3A - A2	5/10/2013		2																
Zone 3A - A2 S Wall	5/9/2013	Yes	1-2																
Zone 3A - B1	5/10/2013	Yes	2																
Zone 3A - B1	5/30/2013	Yes	2	<0.004	<0.004	0.047	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	10
Zone 3A - B1 N Wall	5/10/2013		1-2																
Zone 3A - C2	5/10/2013	Yes	2																
Zone 3A - C2	5/30/2013	Yes	2	<0.004	<0.004	0.02	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	0.37
Zone 3A - C2 S Wall	5/9/2013	Yes	1-2																
Zone 3A - D1	5/9/2013		2																
Zone 3A - D1 N Wall	5/9/2013	Yes	1-2																
Zone 3A - E2	5/10/2013		2																
Zone 3A - E2	5/30/2013		2	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.04
Zone 3A - E2 S Wall	5/9/2013	Yes	1-2																
Zone 3A - F1	5/9/2013		2																
Zone 3A - F1 N Wall	5/9/2013		1-2																
Zone 3A - G2	5/9/2013		2																
Zone 3A - G2 W Wall	5/9/2013		1-2																
Zone 3B - A1	5/29/2013		2																
Zone 3B - A1 N Wall	5/29/2013	Yes	1-2																
Zone 3B - B2	5/29/2013		2																
Zone 3B - B2 S Wall	5/29/2013	Yes	1-2																
Zone 3B - C1	5/29/2013		2																
Zone 3B - D2	5/29/2013		2																
Zone 3B - D2 S Wall	5/29/2013		1-2																

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 3B - E1	5/29/2013		2																
Zone 3B - E4 S Wall	5/29/2013	Yes	1-2																
Zone 3B - F2	5/29/2013		2																
Zone 3B - F3 S Wall	5/29/2013		1-2																
Zone 3B - F4	5/29/2013		2																
Zone 3B - G1	5/29/2013		2																
Zone 3B - G3	5/29/2013		2																
Zone 3B - H2	5/29/2013		2																
Zone 3B - H4 W Wall	5/29/2013		1-2																
Zone 3B - I1	5/29/2013		2																
Zone 3B - I3	5/29/2013		2																
Zone 3B - J1 E Wall	5/29/2013		1-2																
Zone 3B - J2	5/29/2013		2																
Zone 3B - J4	5/29/2013		2																
Zone 3B - J4 E Wall	5/29/2013	Yes	1-2	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045		<0.0045	<0.0045	<0.0045	<0.0045	<0.0045		<0.0045	<0.0045	<0.045
Zone 3C - A1	6/11/2013		2	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		<0.18	<0.18	<0.18	<0.18	<0.18		<0.18	<0.18	<1.8
Zone 3C - A3	6/12/2013		2																
Zone 3C - A3 E Wall	6/12/2013	Yes	1-2																
Zone 3C - B2	6/12/2013	Yes	2																
Zone 3C - B4	6/12/2013		2																
Zone 3C - C1	6/12/2013	Yes	2																
Zone 3C - C1 S Wall	6/12/2013		1-2																
Zone 3C - C3	6/12/2013		2																
Zone 3C - D2	6/12/2013	Yes	2																
Zone 3C - D4	6/12/2013		2																
Zone 3C - E1	6/12/2013		2																
Zone 3C - E1 W Wall	6/12/2013		1-2																
Zone 3C - E3	6/12/2013		2																
Zone 3C - E4 W Wall	6/12/2013		1-2																
Zone 4 - A1 N Wall	5/21/2013	Yes	1-2																
Zone 4 - A3 W Wall	5/21/2013		1-2																
Zone 4 - B1	5/21/2013		2																
Zone 4 - B3	5/21/2013		2	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039		<0.0039	<0.0039	<0.0039	<0.0039	<0.0039		<0.0039	<0.0039	<0.039
Zone 4 - C1 N Wall	5/21/2013	Yes	1-2																
Zone 4 - C2	5/21/2013		2																
Zone 4 - C3 E Wall	5/21/2013	Yes	1-2																
Zone 5 - A2	6/13/2013		2	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	<0.03
Zone 5 - A4	6/13/2013		2	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13	<1.3
Zone 5 - A4 W Wall	6/13/2013	Yes	1-2																
Zone 5 - B1	6/13/2013		2																
Zone 5 - B1 N Wall	6/13/2013	Yes	1-2																
Zone 5 - B3	6/13/2013		2																

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Sample Depth	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3,5-Trimethyl-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	2-Butanone (MEK)
			(ft-bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 5 - B3 W Wall	6/13/2013		1-2	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036		<0.0036	<0.0036	<0.0036	<0.0036	<0.0036		<0.0036	<0.0036	<0.036
Zone 5 - B4 E Wall	6/13/2013		1-2																
Zone 5 - C2	6/13/2013		2																
Zone 5 - D1	6/13/2013		2	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035		<0.0035	<0.0035	<0.0035	<0.0035	<0.0035		<0.0035	<0.0035	0.035
Zone 5 - D1 N Wall	6/13/2013		1-2																
Zone 5 - D3	6/13/2013		2																
Zone 5 - D3 S Wall	6/13/2013		1-2	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4		<0.4	<0.4	<0.4	<0.4	<0.4		<0.4	<0.4	<4.0

Removed: Soil excavated during remediation

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	3/9/2010			<0.0088	<0.088	<5.69	127	0.011			<2.84	<0.0088						43.6
SB-1	3/9/2010			<46	<460	<5.72	157	<23			<2.86	<46						24
SB-1	3/9/2010			<0.0074	<0.074	<5.3	281	0.015			<2.65	0.011						36.5
SB-10	8/24/2010			<0.031	<0.062			0.079				<0.012						
SB-10	8/24/2010			<150	<310			<31				<61						
SB-10	8/24/2010	Yes		<1.4	<2.8			<0.28				<0.56						
SB-100	5/20/2013	Yes																
SB-101	5/20/2013	Yes																
SB-102	5/20/2013																	
SB-103	5/20/2013	Yes																
SB-104	5/20/2013	Yes																
SB-105	5/20/2013	Yes																
SB-11	8/24/2010			<2.5	<5.1			<0.51				<1						
SB-11	8/24/2010			<0.025	<0.05			<0.005				<0.01						
SB-11	8/24/2010			<52	<100			<10				<21						
SB-110	7/24/2013																	
SB-111	7/24/2013																	
SB-112	7/24/2013	Yes																
SB-113	7/24/2013	Yes																
SB-115	7/24/2013	Yes																
SB-116	7/24/2013	Yes																
SB-117	7/24/2013	Yes																
SB-118	7/24/2013	Yes																
SB-119	7/24/2013	Yes																
SB-12	8/24/2010			<0.72	<1.4			<0.14				<0.29						
SB-12	8/24/2010			<0.034	<0.069			<0.0069				<0.014						
SB-12	8/24/2010			<0.031	<0.063			<0.0063				<0.013						
SB-120	7/24/2013	Yes																
SB-121	8/5/2013	Yes																
SB-122	8/5/2013	Yes																
SB-123	8/5/2013	Yes																
SB-124	8/5/2013	Yes																
SB-125	8/5/2013	Yes																
SB-126	8/5/2013	Yes																
SB-127	8/12/2013																	
SB-128	8/12/2013																	
SB-13	8/24/2010			<0.025	<0.05			<0.005				<0.01						
SB-13	8/24/2010			<80	<160			<16				<32						
SB-13	8/24/2010			<94	<190			<19				<38						
SB-130	8/15/2013																	
SB-131	8/15/2013	Yes																
SB-131B	8/22/2013	Yes																

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-132	8/15/2013																	
SB-133	8/15/2013	Yes																
SB-133B	8/22/2013	Yes																
SB-134	8/15/2013	Yes																
SB-135	8/15/2013																	
SB-136	8/15/2013																	
SB-137	8/15/2013																	
SB-138	8/15/2013																	
SB-139	8/22/2013	Yes																
SB-14	8/24/2010			<0.42	<0.84			<0.084				<0.17						
SB-14	8/24/2010			<0.038	<0.076			<0.0076				<0.015						
SB-14	8/24/2010			<0.034	<0.067			<0.0067				<0.013						
SB-140	8/22/2013																	
SB-141	8/22/2013	Yes																
SB-142	1/14/2015		<0.015	<0.015	<0.15			<0.0075	<0.0075	<0.0075		<0.015	<0.0075	<0.0075	<0.015	<0.0075	<0.015	
SB-142	1/14/2015		<0.013	<0.013	<0.13			<0.0065	<0.0065	<0.0065		<0.013	<0.0065	<0.0065	<0.013	<0.0065	<0.013	
SB-142	1/14/2015																	
SB-142	1/14/2015		<0.0091	<0.0091	<0.091			<0.0045	<0.0045	<0.0045		<0.0091	<0.0045	<0.0045	<0.0091	<0.0045	<0.0091	
SB-143	1/14/2015																	
SB-143	1/14/2015		<0.011	<0.011	<0.11			<0.0057	<0.0057	<0.0057		<0.011	<0.0057	<0.0057	<0.011	<0.0057	<0.011	
SB-143	1/14/2015																	
SB-143	1/14/2015		<0.028	<0.028	<0.28			<0.014	<0.014	<0.014		<0.028	<0.014	<0.014	<0.028	<0.014	<0.028	
SB-143	1/14/2015		<0.0082	<0.0082	<0.082			<0.0041	<0.0041	<0.0041		<0.0082	<0.0041	<0.0041	<0.0082	<0.0041	<0.0082	
SB-144	1/14/2015		<0.013	<0.013	<0.13			<0.0066	<0.0066	<0.0066		<0.013	<0.0066	<0.0066	<0.013	<0.0066	<0.013	
SB-144	1/14/2015																	
SB-144	1/14/2015																	
SB-144	1/14/2015		<0.0082	<0.0082	<0.082			<0.0041	<0.0041	<0.0041		<0.0082	<0.0041	<0.0041	<0.0082	<0.0041	<0.0082	
SB-145	1/14/2015		<0.013	<0.013	<0.13			<0.0066	<0.0066	<0.0066		<0.013	<0.0066	<0.0066	<0.013	<0.0066	<0.013	
SB-145	1/14/2015		<0.015	<0.015	<0.15			<0.0077	<0.0077	<0.0077		<0.015	<0.0077	<0.0077	<0.015	<0.0077	<0.015	
SB-145	1/14/2015																	
SB-145	1/14/2015		<0.011	<0.011	<0.11			<0.0057	<0.0057	<0.0057		<0.011	<0.0057	<0.0057	<0.011	<0.0057	<0.011	
SB-146	1/14/2015		<0.014	<0.014	<0.14			<0.0069	<0.0069	<0.0069		0.017	<0.0069	<0.0069	<0.014	<0.0069	<0.014	
SB-146	1/14/2015																	
SB-146	1/14/2015																	
SB-146	1/14/2015		<0.009	<0.009	<0.09			<0.0045	<0.0045	<0.0045		<0.009	<0.0045	<0.0045	000001E	<0.0045	<0.009	
SB-147	1/14/2015		<0.011	<0.011	<0.11			<0.0055	<0.0055	<0.0055		<0.011	<0.0055	<0.0055	<0.011	<0.0055	<0.011	
SB-147	1/14/2015																	
SB-147	1/14/2015																	
SB-147	1/14/2015		<0.018	<0.018	<0.18			<0.0088	<0.0088	<0.0088		<0.018	<0.0088	<0.0088	<0.018	<0.0088	<0.018	
SB-148	1/14/2015		<0.0079	<0.0079	<0.079			0.0055	<0.0039	<0.0039		<0.0079	<0.0039	<0.0039	<0.0079	<0.0039	<0.0079	
SB-148	1/14/2015		<4.8	49	<48			<2.4	<2.4	<2.4		<4.8	<2.4	<2.4	<4.8	<2.4	<4.8	
SB-148	1/14/2015																	

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-148	1/14/2015		<0.01	0.34	9.6D			<0.0051	<0.0051	<0.0051		<0.01	<0.0051	<0.0051	<0.01	<0.0051	<0.01	
SB-149	1/15/2015		<0.011	<0.011	0.12			<0.0055	<0.0055	<0.0055		<0.011	<0.0055	<0.0055	<0.011	<0.0055	<0.011	
SB-149	1/15/2015																	
SB-149	1/15/2015																	
SB-149	1/15/2015		<0.011	<0.011	<0.11			<0.0055	<0.0055	<0.0055		<0.011	<0.0055	<0.0055	<0.011	<0.0055	<0.011	
SB-15	8/25/2010			<0.54	<1.1			<0.11				<0.22						
SB-15	8/25/2010			<0.031	<0.061			0.026				<0.012						
SB-15	8/25/2010			<0.031	<0.062			<0.0062				<0.012						
SB-150	1/15/2015		<0.0082	<0.0082	0.11			<0.0041	<0.0041	<0.0041		<0.0082	<0.0041	<0.0041	<0.0082	<0.0041	<0.0082	
SB-150	1/15/2015																	
SB-150	1/15/2015																	
SB-150	1/15/2015		<0.0093	<0.0093	<0.093			<0.0047	<0.0047	<0.0047		<0.0093	<0.0047	<0.0047	<0.0093	<0.0047	<0.0093	
SB-150	1/15/2015		<0.015	<0.015	<0.15			<0.0073	<0.0073	<0.0073		<0.015	<0.0073	<0.0073	<0.015	<0.0073	<0.015	
SB-151	1/15/2015		<0.01	<0.01	0.18			<0.0052	<0.0052	<0.0052		<0.01	<0.0052	<0.0052	<0.01	<0.0052	<0.01	
SB-151	1/15/2015																	
SB-151	1/15/2015																	
SB-151	1/15/2015		<0.0097	<0.0097	0.11			<0.0048	<0.0048	<0.0048		<0.0097	<0.0048	<0.0048	<0.0097	<0.0048	<0.0097	
SB-151	1/15/2015		<0.011	<0.011	<0.11			<0.0056	<0.0056	<0.0056		<0.011	<0.0056	<0.0056	<0.011	<0.0056	<0.011	
SB-152	1/15/2015		<0.0087	<0.0087	<0.087			<0.0044	<0.0044	<0.0044		<0.0087	<0.0044	<0.0044	<0.0087	<0.0044	<0.0087	
SB-152	1/15/2015																	
SB-152	1/15/2015																	
SB-152	1/15/2015		<0.011	<0.011	<0.11			<0.0053	<0.0053	<0.0053		<0.011	<0.0053	<0.0053	<0.011	<0.0053	<0.011	
SB-152	1/15/2015																	
SB-152	1/15/2015		<0.011	<0.011	<0.11			<0.0053	<0.0053	<0.0053		<0.011	<0.0053	<0.0053	<0.011	<0.0053	<0.011	
SB-152	1/15/2015		<0.0089	<0.0089	<0.089			<0.0045	<0.0045	<0.0045		<0.0089	<0.0045	<0.0045	<0.0089	<0.0045	<0.0089	
SB-153	1/15/2015																	
SB-153	1/15/2015		<0.015	<0.015	<0.15			<0.0075	<0.0075	<0.0075		<0.015	<0.0075	<0.0075	<0.015	<0.0075	<0.015	
SB-153	1/15/2015		<0.0084	<0.0084	<0.084			<0.0042	<0.0042	<0.0042		<0.0084	<0.0042	<0.0042	<0.0084	<0.0042	<0.0084	
SB-154	4/23/2015																	
SB-154	4/23/2015																	
SB-154	4/23/2015																	
SB-155	4/23/2015																	
SB-155	4/23/2015																	
SB-155	4/23/2015																	
SB-156	4/23/2015																	
SB-156	4/23/2015																	
SB-156	4/23/2015																	
SB-156	7/29/2015																	
SB-156	7/29/2015																	
SB-156	7/29/2015																	
SB-156	7/29/2015																	
SB-157	4/23/2015																	
SB-157	4/23/2015																	
SB-157	4/23/2015																	

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-158	7/29/2015																	
SB-158	7/29/2015																	
SB-158	7/29/2015																	
SB-158	7/29/2015																	
SB-159	7/29/2015																	
SB-159	7/29/2015																	
SB-159	7/29/2015																	
SB-159	7/29/2015																	
SB-16	8/25/2010			<0.029	<0.058			<0.0058				<0.012						
SB-16	8/25/2010			<0.029	<0.058			<0.0058				<0.012						
SB-16	8/25/2010			<0.033	<0.066			<0.0066				<0.013						
SB-17	8/25/2010			<0.9	<1.8			<0.18				<0.36						
SB-17	8/25/2010			<0.83	<1.7			<0.17				<0.33						
SB-18	8/25/2010			<0.8	<1.6			<0.16				<0.32						
SB-18	8/25/2010			<2.1	<4.3			<0.43				<0.85						
SB-19	8/25/2010			<0.78	<1.6			<0.16				<0.31						
SB-19	8/25/2010			<0.8	<1.6			<0.16				<0.32						
SB-19	8/25/2010			<0.92	<1.8			<0.18				<0.37						
SB-19	8/25/2010			<140	<280			<28				<57						
SB-2	3/9/2010			<5.4	<54	<5.61	224	<2.7			<2.8	<5.4						40.7
SB-2	3/9/2010			<4.3	<43	<4.75	172	<2.2			<2.38	<4.3						43.7
SB-2	3/9/2010	Yes		<0.0088	<0.0088	<6.05	22.1	0.037			<3.03	<0.0088						59.1
SB-20	8/25/2010			<0.76	<1.5			<0.15				<0.3						
SB-21	8/25/2010			<0.026	0.15*			<0.0052				<0.01						
SB-21	8/25/2010			<2.7	<5.4			<0.54				<1.1						
SB-21	8/25/2010			<430	<860			<86				<170						
SB-23	8/25/2010			<0.051	<0.1			<0.01				<0.02						
SB-23	8/25/2010			<0.032	<0.064			<0.0064				<0.013						
SB-23A	7/13/2012																	
SB-24	8/25/2010			<0.72	<1.4			<0.14				<0.29						
SB-24	8/25/2010			<0.86	<1.7			<0.17				<0.34						
SB-24	8/25/2010			<150	<300			<30				<59						
SB-25	8/25/2010			<0.038	<0.076			0.01				<0.015						
SB-25	8/25/2010			<3	<5.9			<0.59				<1.2						
SB-25	8/25/2010			<170	<330			<33				<66						
SB-26	8/25/2010			<0.027	<0.054			<0.0054				<0.011						
SB-26	8/25/2010			<0.027	<0.055			<0.0055				<0.011						
SB-26	8/25/2010			<7.8	<16			<1.6				<3.1						
SB-27	8/25/2010			<0.03	<0.06			<0.006				<0.012						
SB-27	8/25/2010			<0.028	<0.056			<0.0056				<0.011						
SB-27	8/25/2010	Yes		<13	<25			<2.5				<5.1						
SB-28	8/25/2010			<0.03	<0.06			<0.006				<0.012						

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-28	8/25/2010			<0.031	<0.063			0.0074				<0.013						
SB-29	8/25/2010			<0.03	0.065*			<0.0059				<0.012						
SB-29	8/25/2010			<0.033	<0.065			<0.0065				<0.013						
SB-29	8/25/2010			<32	<64			<6.4				<13						
SB-3	3/9/2010			<0.0069	<0.069	<5.18	25.8	0.016			<2.59	<0.0069						31.4
SB-3	3/9/2010			<0.0091	<0.091	<5.97	222	0.063			<2.99	<0.0091						30.1
SB-3	3/9/2010	Yes		<0.0086	<0.086	8	223	0.013			<2.67	<0.0086						38.4
SB-30	8/25/2010			<41	<81			8.4				<16						
SB-30	8/25/2010			<80	<160			16				<32						
SB-30	8/25/2010	Yes		<4.9	<9.9			17				<2						
SB-31	8/25/2010			<5.7	<11			<1.1				<2.3						
SB-31	8/25/2010			<14	<28			2.9				<5.5						
SB-31	8/25/2010			<0.75	<1.5			0.35				<0.3						
SB-31	8/25/2010			<1.5	<3			0.33				<0.59						
SB-32	8/25/2010			<0.033	<0.066			<0.0066				<0.013						
SB-32	8/25/2010			<9.3	<19			<1.9				<3.7						
SB-32	8/25/2010	Yes		<3.1	<6.3			0.96				<1.3						
SB-33	8/26/2010			<1	<2.1			<0.21				<0.42						
SB-33	8/26/2010			<1.3	<2.6			<0.26				<0.52						
SB-33	8/26/2010			<150	<290			<29				<58						
SB-34	8/26/2010			<0.025	<0.051			<0.0051				<0.01						
SB-34	8/26/2010			<0.027	<0.054			<0.0054				<0.011						
SB-34	8/26/2010			<1.9	<3.9			<0.39				<0.78						
SB-35	8/26/2010			<1.4	<2.8			<0.28				<0.56						
SB-35	8/26/2010			<6.2	<12			<1.2				<2.5						
SB-36	8/26/2010			<0.023	0.082			<0.0045				<0.009						
SB-36	8/26/2010			<0.025	<0.05			<0.005				<0.01						
SB-36	8/26/2010			<0.86	<1.7			<0.17				<0.34						
SB-37	8/26/2010			<0.021	0.071			<0.0042				<0.0084						
SB-37	8/26/2010			<0.025	<0.049			<0.0049				<0.0099						
SB-37	8/26/2010			<0.87	<1.7			<0.17				<0.35						
SB-38	8/26/2010			<0.021	0.055			0.021				<0.0085						
SB-38	8/26/2010			<0.93	<1.9			<0.19				<0.37						
SB-38	8/26/2010			<34	<68			<6.8				<14						
SB-39	8/26/2010			<2.7	<5.4			<0.54				<1.1						
SB-39	8/26/2010			<0.55	<1.1			0.23				<0.22						
SB-39	8/26/2010			<16	<31			<3.1				<6.2						
SB-4	3/9/2010			0.018	<0.092	<6.02	212	0.3			<3.01	<0.0092						31.4
SB-4	3/9/2010			<5	<50	<5.75	156	<2.5			<2.88	<5						25.6
SB-4	3/9/2010	Yes		<3.9	<39	<5.56	57.9	<2			<2.78	<3.9						48.9
SB-40	8/26/2010			<0.68	<1.4			<0.14				<0.14						
SB-40	8/26/2010			<27	<54			<5.4				<11						

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-40	8/26/2010	Yes		<5.7	<11			<1.1				<2.3						
SB-41	8/27/2010			<85	<170			<17				<34						
SB-41	8/27/2010			<1.8	<3.6			<0.36				<0.73						
SB-41	8/27/2010	Yes		<5.8	<12			2.4				<2.3						
SB-41A	7/15/2012	Yes																
SB-42	8/27/2010			<0.023	0.09*			<0.0047				<0.0093						
SB-42	8/27/2010			<0.025	<0.05			<0.005				<0.0099						
SB-42	8/27/2010			<1.7	<3.5			<0.35				<0.69						
SB-43	8/27/2010			<31	<63			<6.3				<13						
SB-43	8/27/2010			<39	<78			<7.8				<16						
SB-46	7/13/2012			<23	<46			<4.6				<4.6						
SB-46	7/13/2012			<29	<59			<5.9				<5.9						
SB-46	7/13/2012	Yes		<0.027	<0.053			<0.0053				<0.0053						
SB-47	7/13/2012			<19	<37			<3.7				<3.7						
SB-47	7/13/2012			<72	<140			19				<14						
SB-47	7/13/2012	Yes		<0.033	<0.065			<0.0065				<0.0065						
SB-48	7/13/2012			<0.025	<0.049			<0.0049				<0.0049						
SB-48	7/13/2012			<72	<140			<14				<14						
SB-49	7/13/2012																	
SB-49	7/13/2012			<0.03	<0.06			0.025				<0.006						
SB-5	3/9/2010			<4.5	<45	<4.41	164	<2.3			<2.21	<4.5						59.2
SB-5	3/9/2010			<44	<440	<5.05	250	<22			<2.53	<44						64.5
SB-5	3/9/2010			<42	<420	<5.14	257	<21			<2.57	<42						39.8
SB-50	7/14/2012			<0.032	<0.065			<0.0065				<0.0065						
SB-51	7/14/2012			<0.023	<0.047			<0.0047				<0.0047						
SB-52	7/14/2012			<1.6	<3.3			<0.33				<0.33						
SB-52	7/14/2012			<1600	<3200			<320				<320						
SB-53	7/14/2012			<3.1	<6.2			<0.62				<0.62						
SB-53	7/14/2012			<64	<130			<13				<13						
SB-54	7/13/2012			<1.3	<2.7			<0.27				<0.27						
SB-54	7/13/2012			<1.6	<3.1			<0.31				<0.31						
SB-55	7/13/2012	Yes																
SB-56	7/15/2012																	
SB-56	7/15/2012																	
SB-56	7/15/2012			1.7	<3.2			<0.32				<0.32						
SB-56	7/15/2012			<1600	<3200			<320				<320						
SB-57	7/14/2012																	
SB-57	7/14/2012			<1.4	<2.7			<0.27				<0.27						
SB-57	7/14/2012			<63	<130			<13				<13						
SB-57	7/14/2012	Yes		<0.023	0.052			<0.0046				<0.0046						
SB-58	7/14/2012																	
SB-58	7/14/2012			<3	<0.6			<0.6				<0.6						

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-59	7/14/2012			<0.026	<0.053			<0.0053				<0.0053						
SB-59	7/14/2012			<0.029	<0.058			0.04				<0.0058						
SB-6	3/9/2010			<0.0098	<0.098	<5.17	159	<0.0049			<2.59	<0.0098						62.8
SB-6	3/9/2010			<85	<850	<5.54	148	<42			<2.77	<85						96.8
SB-6	3/9/2010			<41	<410	<5.78	228	<20			<2.89	<41						33.5
SB-60	7/13/2012																	
SB-60	7/13/2012			<3	<6			<0.6				<0.6						
SB-61	7/15/2012			<1.4	<2.8			<0.28				<0.28						
SB-62	7/15/2012																	
SB-62	7/15/2012			<0.038	<0.077			<0.0077				<0.0077						
SB-63	7/15/2012			<0.025	<0.051			<0.0051				<0.0051						
SB-63	7/15/2012			<29	<58			<5.8				<5.8						
SB-63	7/15/2012			<2.7	<5.5			<0.55				<0.55						
SB-64	7/15/2012			<0.027	0.055			0.0081				<0.0055						
SB-64	7/15/2012			<2	<4			4.1				<0.4						
SB-64	7/15/2012	Yes																
SB-65	7/15/2012																	
SB-66	7/15/2012																	
SB-67	7/15/2012																	
SB-68	7/15/2012																	
SB-69	7/15/2012																	
SB-7	3/9/2010			<45	<450	<5.96	107	<23			<2.98	<45						18.8
SB-7	3/9/2010			<43	<430	<5.85	252	<22			<2.93	<43						29.7
SB-7	3/9/2010	Yes		<0.87	<8.7	<5.93	181	<0.43			<2.96	<0.87						68.4
SB-8	3/9/2010			<0.0077	0.2	<6.02	43	<0.0039			<3.01	<0.0077						49.7
SB-8	3/9/2010			<4.4	<44	<6.05	119	<2.2			<3.02	<4.4						32.7
SB-8	3/9/2010			<4.1	<41	<6.18	178	<2			<3.09	<4.1						26.1
SB-9	3/9/2010			<4.2	<42	<5.82	34	<2.1			<2.91	<4.2						35.9
SB-9	3/9/2010			<41	<410	<6.49	321	<20			<3.25	<41						47.7
SB-9	3/9/2010	Yes		<40	<400	<5.81	250	<20			<2.91	<40						124
Zone 1 - A1 - E Wall	4/23/2013																	
Zone 1 - A2	4/23/2013																	
Zone 1 - B1	4/24/2013																	
Zone 1 - B3	4/23/2013																	
Zone 1 - B3 - E Wall	4/23/2013																	
Zone 1 - B4 - S Wall	4/23/2013																	
Zone 1 - C1 - N Wall	4/23/2013																	
Zone 1 - C2	4/23/2013		<0.0037	<0.0037	<0.037			0.0021	<0.0018	<0.0018		<0.0037	<0.0018	<0.0018	<0.0037	<0.0018	<0.0037	
Zone 1 - C4	4/24/2013																	
Zone 1 - D1	4/23/2013																	
Zone 1 - D3	4/24/2013																	
Zone 1 - D4 - W Wall	4/24/2013																	

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 1 - D5	4/24/2013																	
Zone 1 - E2	4/24/2013																	
Zone 1 - F1	4/24/2013																	
Zone 1 - F1 - N Wall	4/24/2013																	
Zone 1 - F3	4/24/2013																	
Zone 1 - F3 - W Wall	4/24/2013																	
Zone 2A - A1 - N Wall	6/20/2013																	
Zone 2A - A2	6/20/2013																	
Zone 2A - A2 - W Wall	6/20/2013																	
Zone 2A - B1	6/20/2013																	
Zone 2A - C1 - N Wall	6/20/2013																	
Zone 2A - C2	6/20/2013		<0.0067	<0.0067	<0.067			<0.0034	<0.0034	<0.0034		<0.0067	<0.0034	<0.0034	<0.0067	<0.0034	<0.0067	
Zone 2A - C2 - S Wall	6/20/2013																	
Zone 2A - D1	6/26/2013																	
Zone 2A - D2 - S Wall	6/26/2013																	
Zone 2A - E1 - N Wall	6/26/2013	Yes																
Zone 2A - E2	6/26/2013																	
Zone 2A - E2 - S Wall	6/26/2013																	
Zone 3A - A2	5/10/2013																	
Zone 3A - A2 S Wall	5/9/2013	Yes																
Zone 3A - B1	5/10/2013	Yes																
Zone 3A - B1	5/30/2013	Yes	<0.0079	16	2			0.47	<0.004	<0.004		<0.0079	<0.004	0.0053	<0.0079	<0.004	<0.0079	
Zone 3A - B1 N Wall	5/10/2013																	
Zone 3A - C2	5/10/2013	Yes																
Zone 3A - C2	5/30/2013	Yes	<0.0079	0.49	<0.079			0.03	<0.004	<0.004		<0.0079	<0.004	<0.004	<0.0079	<0.004	<0.0079	
Zone 3A - C2 S Wall	5/9/2013	Yes																
Zone 3A - D1	5/9/2013																	
Zone 3A - D1 N Wall	5/9/2013	Yes																
Zone 3A - E2	5/10/2013																	
Zone 3A - E2	5/30/2013		<0.008	0.026	<0.08			<0.004	<0.004	<0.004		<0.008	<0.004	<0.004	<0.008	<0.004	<0.008	
Zone 3A - E2 S Wall	5/9/2013	Yes																
Zone 3A - F1	5/9/2013																	
Zone 3A - F1 N Wall	5/9/2013																	
Zone 3A - G2	5/9/2013																	
Zone 3A - G2 W Wall	5/9/2013																	
Zone 3B - A1	5/29/2013																	
Zone 3B - A1 N Wall	5/29/2013	Yes																
Zone 3B - B2	5/29/2013																	
Zone 3B - B2 S Wall	5/29/2013	Yes																
Zone 3B - C1	5/29/2013																	
Zone 3B - D2	5/29/2013																	
Zone 3B - D2 S Wall	5/29/2013																	

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 3B - E1	5/29/2013																	
Zone 3B - E4 S Wall	5/29/2013	Yes																
Zone 3B - F2	5/29/2013																	
Zone 3B - F3 S Wall	5/29/2013																	
Zone 3B - F4	5/29/2013																	
Zone 3B - G1	5/29/2013																	
Zone 3B - G3	5/29/2013																	
Zone 3B - H2	5/29/2013																	
Zone 3B - H4 W Wall	5/29/2013																	
Zone 3B - I1	5/29/2013																	
Zone 3B - I3	5/29/2013																	
Zone 3B - J1 E Wall	5/29/2013																	
Zone 3B - J2	5/29/2013																	
Zone 3B - J4	5/29/2013																	
Zone 3B - J4 E Wall	5/29/2013	Yes	<0.0089	<0.0089	0.14			<0.0045	<0.0045	<0.0045		<0.0089	<0.0045	<0.0045	<0.0089	<0.0045	<0.0089	
Zone 3C - A1	6/11/2013		<0.36	<0.36	<3.6			<0.18	<0.18	<0.18		<0.36	<0.18	<0.18	<0.36	<0.18	<0.36	
Zone 3C - A3	6/12/2013																	
Zone 3C - A3 E Wall	6/12/2013	Yes																
Zone 3C - B2	6/12/2013	Yes																
Zone 3C - B4	6/12/2013																	
Zone 3C - C1	6/12/2013	Yes																
Zone 3C - C1 S Wall	6/12/2013																	
Zone 3C - C3	6/12/2013																	
Zone 3C - D2	6/12/2013	Yes																
Zone 3C - D4	6/12/2013																	
Zone 3C - E1	6/12/2013																	
Zone 3C - E1 W Wall	6/12/2013																	
Zone 3C - E3	6/12/2013																	
Zone 3C - E4 W Wall	6/12/2013																	
Zone 4 - A1 N Wall	5/21/2013	Yes																
Zone 4 - A3 W Wall	5/21/2013																	
Zone 4 - B1	5/21/2013																	
Zone 4 - B3	5/21/2013		<0.0078	<0.0078	<0.078			<0.0039	<0.0039	<0.0039		<0.0078	<0.0039	<0.0039	<0.0078	<0.0039	<0.0078	
Zone 4 - C1 N Wall	5/21/2013	Yes																
Zone 4 - C2	5/21/2013																	
Zone 4 - C3 E Wall	5/21/2013	Yes																
Zone 5 - A2	6/13/2013		<0.006	<0.006	0.086			0.012	<0.003	<0.003		<0.006	<0.003	<0.003	<0.006	<0.003	<0.006	
Zone 5 - A4	6/13/2013		<0.25	<0.25	<2.5			<0.13	<0.13	<0.13		<0.25	<0.13	<0.13	<0.25	<0.13	<0.25	
Zone 5 - A4 W Wall	6/13/2013	Yes																
Zone 5 - B1	6/13/2013																	
Zone 5 - B1 N Wall	6/13/2013	Yes																
Zone 5 - B3	6/13/2013																	

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	2-Hexanone	4-Methyl-2-pentanone	Acetone	Arsenic	Barium	Benzene	Bromoform	Bromo-methane	Cadmium	Carbon disulfide	Carbon tetra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Chromium
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 5 - B3 W Wall	6/13/2013		<0.0073	<0.0073	<0.073			0.043	<0.0036	<0.0036		<0.0073	<0.0036	<0.0036	<0.0073	<0.0036	<0.0073	
Zone 5 - B4 E Wall	6/13/2013																	
Zone 5 - C2	6/13/2013																	
Zone 5 - D1	6/13/2013		<0.0071	<0.0071	0.12			0.017	<0.0035	<0.0035		<0.0071	<0.0035	<0.0035	<0.0071	<0.0035	<0.0071	
Zone 5 - D1 N Wall	6/13/2013																	
Zone 5 - D3	6/13/2013																	
Zone 5 - D3 S Wall	6/13/2013		<0.81	<0.81	<8.1			5.2	<0.4	<0.4		<0.81	<0.4	<0.4	<0.81	<0.4	<0.81	

Removed: Soil excavated during remediation

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	3/9/2010		0.51		0.0076			0.026	0.0044				<0.0044	36	0.013	<0.121	
SB-1	3/9/2010		<23		<23			<23	69				<23	6.28	260	<0.131	
SB-1	3/9/2010		0.35		3.8			<0.0037	5				0.38	6.13	15	<0.111	
SB-10	8/24/2010		0.24E					<0.0062	0.12				<0.0062		0.31		
SB-10	8/24/2010		<31					<31	130				<31		510		
SB-10	8/24/2010	Yes	<0.28					<0.28	0.59				<0.28	460	4.1		
SB-100	5/20/2013	Yes												267			
SB-101	5/20/2013	Yes												1060			
SB-102	5/20/2013													887			
SB-103	5/20/2013	Yes												933			
SB-104	5/20/2013	Yes												6290			
SB-105	5/20/2013	Yes												897			
SB-11	8/24/2010		<0.51					<0.51	<0.51				<0.51	180	1.6		
SB-11	8/24/2010		<0.005					<0.005	<0.005				<0.005		<0.01		
SB-11	8/24/2010		<10					<10	<10				<10		24		
SB-110	7/24/2013													374			
SB-111	7/24/2013													180			
SB-112	7/24/2013	Yes												295			
SB-113	7/24/2013	Yes												549			
SB-115	7/24/2013	Yes												2080			
SB-116	7/24/2013	Yes												507			
SB-117	7/24/2013	Yes												1030			
SB-118	7/24/2013	Yes												1270			
SB-119	7/24/2013	Yes												664			
SB-12	8/24/2010		<0.14					<0.14	<0.14				<0.14	25	<0.29		
SB-12	8/24/2010		<0.0069					<0.0069	<0.0069				<0.0069		<0.014		
SB-12	8/24/2010		0.081					<0.0063	<0.0063				<0.0063		<0.013		
SB-120	7/24/2013	Yes												636			
SB-121	8/5/2013	Yes												1040			
SB-122	8/5/2013	Yes												1450			
SB-123	8/5/2013	Yes												938			
SB-124	8/5/2013	Yes												813			
SB-125	8/5/2013	Yes												1420			
SB-126	8/5/2013	Yes												1120			
SB-127	8/12/2013													364			
SB-128	8/12/2013													262			
SB-13	8/24/2010		<0.005					<0.005	<0.005				<0.005	350	<0.01		
SB-13	8/24/2010		<16					<16	60				<16		260		
SB-13	8/24/2010		<19					<19	90				<19		380		
SB-130	8/15/2013													165			
SB-131	8/15/2013	Yes												1130			
SB-131B	8/22/2013	Yes												300			

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-132	8/15/2013													241			
SB-133	8/15/2013	Yes												483			
SB-133B	8/22/2013	Yes												241			
SB-134	8/15/2013	Yes												354			
SB-135	8/15/2013													158			
SB-136	8/15/2013													531			
SB-137	8/15/2013													843			
SB-138	8/15/2013													425			
SB-139	8/22/2013	Yes												781			
SB-14	8/24/2010		<0.084					<0.084	<0.084				<0.084	29	<0.17		
SB-14	8/24/2010		0.012					<0.0076	<0.0076				<0.0076		0.025		
SB-14	8/24/2010		<0.0067					<0.0067	<0.0067				<0.0067		<0.013		
SB-140	8/22/2013													213			
SB-141	8/22/2013	Yes												370			
SB-142	1/14/2015		<0.0075	<0.0075	0.15	<0.0075	<0.0075	<0.03	<0.0075	<0.0075	<0.015	<0.015	<0.0075	39J	0.056		<0.0075
SB-142	1/14/2015		<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.026	<0.0065	<0.0065	<0.013	<0.013	<0.0065	339J	<0.0065		<0.0065
SB-142	1/14/2015													21.2J			
SB-142	1/14/2015		<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.0045	<0.0045	<0.0091	<0.0091	<0.0045	19.9J	<0.0045		<0.0045
SB-143	1/14/2015													13.7			
SB-143	1/14/2015		<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.023	<0.0057	<0.0057	<0.011	<0.011	<0.0057		<0.0057		<0.0057
SB-143	1/14/2015													9.65J			
SB-143	1/14/2015		<0.014	<0.014	<0.014	<0.014	<0.014	<0.056	<0.014	<0.014	<0.028	<0.028	<0.014	16.6J	<0.014		<0.014
SB-143	1/14/2015		<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.016	<0.0041	<0.0041	<0.0082	<0.0082	<0.0041		<0.0041		<0.0041
SB-144	1/14/2015		<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.026	<0.0066	<0.0066	<0.013	<0.013	<0.0066	111J	<0.0066		<0.0066
SB-144	1/14/2015													11.6J			
SB-144	1/14/2015													8.5J			
SB-144	1/14/2015		<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.016	<0.0041	<0.0041	<0.0082	<0.0082	<0.0041	<6.2	<0.0041		<0.0041
SB-145	1/14/2015		<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.026	<0.0066	<0.0066	<0.013	<0.013	<0.0066	20.4J	<0.0066		<0.0066
SB-145	1/14/2015		<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.031	<0.0077	<0.0077	<0.015	<0.015	<0.0077	17.1J	<0.0077		<0.0077
SB-145	1/14/2015													13J			
SB-145	1/14/2015		<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.023	<0.0057	<0.0057	<0.011	<0.011	<0.0057	<5.76	<0.0057		<0.0057
SB-146	1/14/2015		<0.0069	<0.0069	0.062	<0.0069	<0.0069	<0.028	<0.0069	<0.0069	<0.014	<0.014	<0.0069		<0.0069		<0.0069
SB-146	1/14/2015													14.5J			
SB-146	1/14/2015													6.77J			
SB-146	1/14/2015		<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.0045	<0.0045	<0.009	<0.009	<0.0045	<5.15	<0.0045		<0.0045
SB-147	1/14/2015		<0.0055	<0.0055	0.0077	<0.0055	<0.0055	<0.022	<0.0055	<0.0055	<0.011	<0.011	<0.0055	141J	0.04		<0.0055
SB-147	1/14/2015													45.4J			
SB-147	1/14/2015													<6.26			
SB-147	1/14/2015		<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.035	<0.0088	<0.0088	<0.018	<0.018	<0.0088	<6.43	<0.0088		<0.0088
SB-148	1/14/2015		<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.016	0.0097	<0.0039	<0.0079	<0.0079	<0.0039	148J	<0.0039		<0.0039
SB-148	1/14/2015		<2.4	<2.4	41	<2.4	<2.4	<9.7	89	<2.4	<4.8	<4.8	3.5	15.9J	28		8.9
SB-148	1/14/2015													15.7J			

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-148	1/14/2015		<0.0051	<0.0051	0.24EJ	<0.0051	<0.0051	<0.021	0.35D	<0.0051	<0.01	<0.01	0.081	9.25J	2.7D		0.34EJ
SB-149	1/15/2015		<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.022	<0.0055	<0.0055	<0.011	<0.011	<0.0055	17.4J	<0.0055		<0.0055
SB-149	1/15/2015													21.4J			
SB-149	1/15/2015													23.6J			
SB-149	1/15/2015		0.08	<0.0055	<0.0055	<0.0055	<0.0055	<0.022	<0.0055	<0.0055	<0.011	<0.011	<0.0055	18.8J	<0.0055		<0.0055
SB-15	8/25/2010		<0.11					<0.11	<0.11				<0.11	15	<0.22		
SB-15	8/25/2010		0.043					<0.0061	0.078				<0.0061		0.19		
SB-15	8/25/2010		0.018					<0.0062	<0.0062				<0.0062		<0.012		
SB-150	1/15/2015		<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.016	<0.0041	<0.0041	<0.0082	<0.0082	<0.0041	107J	<0.0041		<0.0041
SB-150	1/15/2015													141J			
SB-150	1/15/2015													61.3J			
SB-150	1/15/2015		<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.019	<0.0047	<0.0047	<0.0093	<0.0093	<0.0047		<0.0047		<0.0047
SB-150	1/15/2015		<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.029	<0.0073	<0.0073	<0.015	<0.015	<0.0073	10.6J	<0.0073		<0.0073
SB-151	1/15/2015		<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.021	<0.0052	<0.0052	<0.01	<0.01	<0.0052	157J	<0.0052		<0.0052
SB-151	1/15/2015													254J			
SB-151	1/15/2015													<5.84			
SB-151	1/15/2015		<0.0048	<0.0048	22D	<0.0048	<0.0048	<0.019	0.11	<0.0048	<0.0097	<0.0097	0.046		0.86D		<0.0048
SB-151	1/15/2015		<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.023	<0.0056	<0.0056	<0.011	<0.011	<0.0056	9.21J	<0.0056		<0.0056
SB-152	1/15/2015		<0.0044	<0.0044	0.1	<0.0044	<0.0044	<0.017	<0.0044	<0.0044	<0.0087	<0.0087	<0.0044	64J	<0.0044		<0.0044
SB-152	1/15/2015													13.9J			
SB-152	1/15/2015													12.3J			
SB-152	1/15/2015		<0.0053	<0.0053	6.9D	<0.0053	<0.0053	<0.021	0.043J	<0.0053	<0.011	<0.011	0.18J		0.14J		<0.0053
SB-152	1/15/2015		<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.0045	<0.0045	<0.0089	<0.0089	<0.0045	8.14J	<0.0045		<0.0045
SB-153	1/15/2015													<6.11			
SB-153	1/15/2015		<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.03	<0.0075	<0.0075	<0.015	<0.015	<0.0075		<0.0075		<0.0075
SB-153	1/15/2015		<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.017	<0.0042	<0.0042	<0.0084	<0.0084	<0.0042	5.64J	<0.0042		<0.0042
SB-154	4/23/2015													193			
SB-154	4/23/2015													125			
SB-154	4/23/2015													20.2			
SB-155	4/23/2015													83.5			
SB-155	4/23/2015													336			
SB-155	4/23/2015													125			
SB-156	4/23/2015													275			
SB-156	4/23/2015													471			
SB-156	4/23/2015													534			
SB-156	7/29/2015													193			
SB-156	7/29/2015													378			
SB-156	7/29/2015													1130			
SB-156	7/29/2015													23.5			
SB-157	4/23/2015													53.6			
SB-157	4/23/2015													10.6			
SB-157	4/23/2015													9.07			

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-158	7/29/2015													18			
SB-158	7/29/2015													57			
SB-158	7/29/2015													234			
SB-158	7/29/2015													17.9			
SB-159	7/29/2015													118			
SB-159	7/29/2015													29			
SB-159	7/29/2015													40			
SB-159	7/29/2015													15.8			
SB-16	8/25/2010		<0.0058					<0.0058	<0.0058				<0.0058	100	<0.012		
SB-16	8/25/2010		0.022					<0.0058	<0.0058				<0.0058		<0.012		
SB-16	8/25/2010		0.03					<0.0066	<0.0066				<0.0066		<0.013		
SB-17	8/25/2010		0.46					0.31	<0.18				<0.18		<0.36		
SB-17	8/25/2010		0.43					0.29	<0.17				<0.17		<0.33		
SB-18	8/25/2010		2.2					0.65	0.29				<0.16		0.7		
SB-18	8/25/2010		5					<0.43	<0.43				<0.43		<0.85		
SB-19	8/25/2010		0.27					0.2	<0.16				<0.16	27	0.53		
SB-19	8/25/2010		0.44					0.47	<0.16				<0.16		0.53		
SB-19	8/25/2010		0.78					0.6	<0.18				<0.18		0.6		
SB-19	8/25/2010		29					<28	110				38		340		
SB-2	3/9/2010		<2.7		<2.7			<2.7	<2.7				<2.7	9.25	6.2	<0.131	
SB-2	3/9/2010		<2.2		<2.2			<2.2	<2.2				<2.2	8.94	7	<0.123	
SB-2	3/9/2010	Yes	0.33		0.016			0.079	0.29				0.0058	17	0.96	<0.123	
SB-20	8/25/2010		<0.15					<0.15	<0.15				0.23		0.56		
SB-21	8/25/2010		<0.0052					<0.0052	0.027				0.0064	12	<0.01		
SB-21	8/25/2010		3.9					<0.54	<0.54				<0.54		<1.1		
SB-21	8/25/2010		<86					<86	180				<86		690		
SB-23	8/25/2010		<0.01					<0.01	<0.01				<0.01		<0.02		
SB-23	8/25/2010		<0.0064					<0.0064	<0.0064				<0.0064		<0.013		
SB-23A	7/13/2012													270			
SB-24	8/25/2010		0.38					<0.14	<0.14				<0.14	22	<0.29		
SB-24	8/25/2010		0.83					<0.17	<0.17				<0.17		<0.34		
SB-24	8/25/2010		<30					<30	130				<30		530		
SB-25	8/25/2010		0.076					0.046	<0.0076				<0.0076	13	0.032		
SB-25	8/25/2010		<0.59					0.73*	<0.59				<0.59		<1.2		
SB-25	8/25/2010		<33					<33	<33				<33		130		
SB-26	8/25/2010		<0.0054					<0.0054	<0.0054				<0.0054	310	<0.011		
SB-26	8/25/2010		0.013					<0.0055	<0.0055				<0.0055		0.012		
SB-26	8/25/2010		11					<1.6	1.6				<1.6		5.8		
SB-27	8/25/2010		<0.006					<0.006	<0.006				<0.006		<0.012		
SB-27	8/25/2010		<0.0056					<0.0056	<0.0056				<0.0056		<0.011		
SB-27	8/25/2010	Yes	<2.5					<2.5	5				<2.5	520	68		
SB-28	8/25/2010		<0.006					<0.006	<0.006				<0.006		<0.012		

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-28	8/25/2010		0.08					<0.0063	<0.0063				<0.0063		<0.013		
SB-29	8/25/2010		0.0065					<0.0059	<0.0059				<0.0059	18	<0.012		
SB-29	8/25/2010		0.17					<0.0065	<0.0065				<0.0065		<0.013		
SB-29	8/25/2010		8.2					<6.4	31				<6.4		89		
SB-3	3/9/2010		0.084		<0.0035			0.0062	0.0069				<0.0035	14.2	0.019	<0.119	
SB-3	3/9/2010		0.25		<0.0046			0.07	0.077				<0.0046	24.6	0.35	<0.13	
SB-3	3/9/2010	Yes	2.4		0.0088			0.0078	0.0091				<0.0043	1010	0.023	0.136	
SB-30	8/25/2010		<8.1					<8.1	12				<8.1		37		
SB-30	8/25/2010		<16					<16	130				<16		470		
SB-30	8/25/2010	Yes	<0.99					<0.99	2.8				<0.99	110	<2		
SB-31	8/25/2010		<1.1					<1.1	2.6				4.2	210	2.3		
SB-31	8/25/2010		<2.8					<2.8	6				5.2		30		
SB-31	8/25/2010		<0.15					<0.15	<0.15				<0.15		0.46		
SB-31	8/25/2010		<0.3					<0.3	2.1				<0.3		3.2		
SB-32	8/25/2010		<0.0066					<0.0066	<0.0066				<0.0066		<0.013		
SB-32	8/25/2010		<1.9					<1.9	6.7				2		23		
SB-32	8/25/2010	Yes	<0.63					<0.63	1.2				<0.63	1500	8.5		
SB-33	8/26/2010		<0.21					<0.21	<0.21				<0.21	11	<0.42		
SB-33	8/26/2010		0.52					13	<0.26				<0.26		<0.52		
SB-33	8/26/2010		<29					63*	44				<29		170		
SB-34	8/26/2010		<0.0051					<0.0051	<0.0051				<0.0051	28	<0.01		
SB-34	8/26/2010		<0.0054					<0.0054	<0.0054				<0.0054		<0.011		
SB-34	8/26/2010		9.2					<0.39	<0.39				<0.39		<0.78		
SB-35	8/26/2010		2.1					1.8*	<0.28				<0.28		0.88		
SB-35	8/26/2010		13					7.7*	2.4				<1.2		6.2		
SB-36	8/26/2010		<0.0045					<0.0045	<0.0045				<0.0045	30	<0.009		
SB-36	8/26/2010		<0.005					<0.005	<0.005				<0.005		<0.01		
SB-36	8/26/2010		2.7					<0.17	0.5				<0.17		0.93		
SB-37	8/26/2010		<0.0042					<0.0042	<0.0042				<0.0042	61	<0.0084		
SB-37	8/26/2010		<0.0049					<0.0049	<0.0049				<0.0049		<0.0099		
SB-37	8/26/2010		3.7					0.64*	<0.17				<0.17		0.6		
SB-38	8/26/2010		<0.0042					<0.0042	0.016				<0.0042	12	<0.0085		
SB-38	8/26/2010		<0.19					<0.19	0.38				<0.19		0.96		
SB-38	8/26/2010		<6.8					<6.8	17				<6.8		46		
SB-39	8/26/2010		<0.54					<0.54	<0.54				<0.54	640	1.9		
SB-39	8/26/2010		<0.11					<0.11	0.71				0.17		1.3		
SB-39	8/26/2010		<3.1					<3.1	18				4.8		70		
SB-4	3/9/2010		1.4		0.014			0.09	0.27				<0.0046	11.2	0.77	<0.134	
SB-4	3/9/2010		<2.5		<2.5			<2.5	<2.5				<2.5	11.1	<5	<0.144	
SB-4	3/9/2010	Yes	<2		<2			<2	<2				<2	48.5	5	0.436	
SB-40	8/26/2010		<0.14					<0.14	0.65				0.3		0.5		
SB-40	8/26/2010		<5.4					<5.4	13				<5.4		37		

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-40	8/26/2010	Yes	<1.1					<1.1	<1.1				<1.1	890	6.6		
SB-41	8/27/2010		<17					<17	88				<17		37		
SB-41	8/27/2010		<0.36					<0.36	<0.36				<0.36		<0.73		
SB-41	8/27/2010	Yes	<1.2					<1.2	25				<1.2		2.8		
SB-41A	7/15/2012	Yes												36			
SB-42	8/27/2010		<0.0047					<0.0047	<0.0047				<0.0047		<0.0093		
SB-42	8/27/2010		<0.005					<0.005	<0.005				<0.005		0.016		
SB-42	8/27/2010		<0.35					<0.35	0.8				<0.35		3		
SB-43	8/27/2010		<6.3					<6.3	41				<6.3		120		
SB-43	8/27/2010		<7.8					<7.8	80				<7.8		350		
SB-46	7/13/2012		<4.6					<4.6	<4.6						<9.2		
SB-46	7/13/2012		<5.9					<5.9	<5.9						14		
SB-46	7/13/2012	Yes	<0.0053					<0.0053	<0.0053					890	<0.011		
SB-47	7/13/2012		<3.7					<3.7	20						65		
SB-47	7/13/2012		<14					<14	14						48		
SB-47	7/13/2012	Yes	<0.0065					<0.0065	<0.0065					210	<0.013		
SB-48	7/13/2012		<0.0049					<0.0049	<0.0049					22	<0.0098		
SB-48	7/13/2012		<14					<14	16						54		
SB-49	7/13/2012													230			
SB-49	7/13/2012		0.1					<0.006	0.072						0.17		
SB-5	3/9/2010		<2.3		<2.3			<2.3	<2.3				<2.3	255	<4.5	1.49	
SB-5	3/9/2010		<22		<22			<22	35				<22	116	95	2.71	
SB-5	3/9/2010		<21		<21			<21	<21				<21	7.75	<42	<0.125	
SB-50	7/14/2012		0.2E					0.014	<0.0065						<0.013		
SB-51	7/14/2012		<0.0047					<0.0047	<0.0047						<0.0093		
SB-52	7/14/2012		<0.33					<0.33	<0.33						<0.65		
SB-52	7/14/2012		<320					<320	<320						<640		
SB-53	7/14/2012		1.1					<0.62	13E						22		
SB-53	7/14/2012		<13					<13	50						180		
SB-54	7/13/2012		1.3					<0.27	<0.27						<0.54		
SB-54	7/13/2012		0.31					<0.31	<0.31						<0.62		
SB-55	7/13/2012	Yes												820			
SB-56	7/15/2012													160			
SB-56	7/15/2012													81			
SB-56	7/15/2012		2.8					1.5	0.38						1.7		
SB-56	7/15/2012		<320					<320	<320						<640		
SB-57	7/14/2012													2100			
SB-57	7/14/2012		1.1					<0.27	5.3						22		
SB-57	7/14/2012		21					<13	210						780E		
SB-57	7/14/2012	Yes	<0.0046					<0.0046	<0.0046					500	<0.0091		
SB-58	7/14/2012													15			
SB-58	7/14/2012		3.3					<0.6	<0.6						<1.2		

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-59	7/14/2012		<0.0053					<0.0053	<0.0053						<0.011		
SB-59	7/14/2012		<0.0058					0.16E	0.018						0.042		
SB-6	3/9/2010		<0.0049		<0.0049			<0.0049	<0.0049				<0.0049	102	<0.098	0.373	
SB-6	3/9/2010		<42		<42			<42	<42				<42	129	<85	2.01	
SB-6	3/9/2010		<20		39			<20	<20				<20	<5.78	<41	<0.121	
SB-60	7/13/2012													110			
SB-60	7/13/2012		<0.6					<0.6	<0.6						<1.2		
SB-61	7/15/2012		<0.28					<0.28	0.61						0.96		
SB-62	7/15/2012													15			
SB-62	7/15/2012		0.027					<0.0077	0.01						0.084		
SB-63	7/15/2012		<0.0051					<0.0051	<0.0051						<0.01		
SB-63	7/15/2012		<5.8					<5.8	<5.8						<12		
SB-63	7/15/2012		<0.55					<0.55	<0.55						<1.1		
SB-64	7/15/2012		<0.0055					<0.0055	0.09						0.18		
SB-64	7/15/2012		0.43					<0.4	7.6						26		
SB-64	7/15/2012	Yes												620			
SB-65	7/15/2012													260			
SB-66	7/15/2012													53			
SB-67	7/15/2012													230			
SB-68	7/15/2012													380			
SB-69	7/15/2012													150			
SB-7	3/9/2010		<23		<23			<23	110				<23	20.6	410	<0.123	
SB-7	3/9/2010		<22		<22			<22	45				<22	<5.85	170	<0.123	
SB-7	3/9/2010	Yes	<0.43		<0.43			<0.43	1.4				<0.43	287	5.5	0.584	
SB-8	3/9/2010		<0.0039		<0.0039			<0.0039	<0.0039				<0.0039	139	<0.0077	0.585	
SB-8	3/9/2010		<2.2		35			<2.2	14				<2.2	<6.05	70	<0.128	
SB-8	3/9/2010		<2		17			<2	9.4				<2	10.1	41	<0.131	
SB-9	3/9/2010		<2.1		<2.1			<2.1	<2.1				<2.1	21.2	<4.2	<0.12	
SB-9	3/9/2010		<20		<20			<20	110				<20	6.59	460	<0.131	
SB-9	3/9/2010	Yes	<20		<20			<20	31				<20	1010	130	6.29	
Zone 1 - A1 - E Wall	4/23/2013													135			
Zone 1 - A2	4/23/2013													152			
Zone 1 - B1	4/24/2013													62.9			
Zone 1 - B3	4/23/2013													16.3			
Zone 1 - B3 - E Wall	4/23/2013													14.1			
Zone 1 - B4 - S Wall	4/23/2013													15.8			
Zone 1 - C1 - N Wall	4/23/2013													199			
Zone 1 - C2	4/23/2013		0.12	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	0.0023	<0.0018	<0.0037	<0.0037	<0.0018	94.3	0.0045		<0.0018
Zone 1 - C4	4/24/2013													17			
Zone 1 - D1	4/23/2013													52.2			
Zone 1 - D3	4/24/2013													188			
Zone 1 - D4 - W Wall	4/24/2013													26.4			

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 1 - D5	4/24/2013													82.5			
Zone 1 - E2	4/24/2013													322			
Zone 1 - F1	4/24/2013													555			
Zone 1 - F1 - N Wall	4/24/2013													229			
Zone 1 - F3	4/24/2013													287			
Zone 1 - F3 - W Wall	4/24/2013													22.6			
Zone 2A - A1 - N Wall	6/20/2013													206			
Zone 2A - A2	6/20/2013													183			
Zone 2A - A2 - W Wall	6/20/2013													13.7			
Zone 2A - B1	6/20/2013													198			
Zone 2A - C1 - N Wall	6/20/2013													263			
Zone 2A - C2	6/20/2013		<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.013	<0.0034	<0.0034	<0.0067	<0.0067	<0.0034	422	<0.0034		<0.0034
Zone 2A - C2 - S Wall	6/20/2013													187			
Zone 2A - D1	6/26/2013													469			
Zone 2A - D2 - S Wall	6/26/2013													1520			
Zone 2A - E1 - N Wall	6/26/2013	Yes												586			
Zone 2A - E2	6/26/2013													121			
Zone 2A - E2 - S Wall	6/26/2013													610			
Zone 3A - A2	5/10/2013													20.6			
Zone 3A - A2 S Wall	5/9/2013	Yes												355			
Zone 3A - B1	5/10/2013	Yes												54.3			
Zone 3A - B1	5/30/2013	Yes	2.3	<0.004	0.93	<0.004	<0.004	0.99	9.2	<0.004	<0.0079	<0.0079	0.59		37		<0.004
Zone 3A - B1 N Wall	5/10/2013													310			
Zone 3A - C2	5/10/2013	Yes												68.2			
Zone 3A - C2	5/30/2013	Yes	3.6	<0.004	0.05	<0.004	<0.004	0.21	8.2	<0.004	<0.0079	<0.0079	0.079		35		<0.004
Zone 3A - C2 S Wall	5/9/2013	Yes												206			
Zone 3A - D1	5/9/2013													575			
Zone 3A - D1 N Wall	5/9/2013	Yes												419			
Zone 3A - E2	5/10/2013													322			
Zone 3A - E2	5/30/2013		1.3	<0.004	<0.004	<0.004	<0.004	<0.016	0.017	<0.004	<0.008	<0.008	<0.004		0.087		<0.004
Zone 3A - E2 S Wall	5/9/2013	Yes												560			
Zone 3A - F1	5/9/2013													329			
Zone 3A - F1 N Wall	5/9/2013													229			
Zone 3A - G2	5/9/2013													285			
Zone 3A - G2 W Wall	5/9/2013													314			
Zone 3B - A1	5/29/2013													367			
Zone 3B - A1 N Wall	5/29/2013	Yes												437			
Zone 3B - B2	5/29/2013													422			
Zone 3B - B2 S Wall	5/29/2013	Yes												586			
Zone 3B - C1	5/29/2013													63.8			
Zone 3B - D2	5/29/2013													246			
Zone 3B - D2 S Wall	5/29/2013													185			

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 3B - E1	5/29/2013													561			
Zone 3B - E4 S Wall	5/29/2013	Yes												450			
Zone 3B - F2	5/29/2013													576			
Zone 3B - F3 S Wall	5/29/2013													596			
Zone 3B - F4	5/29/2013													519			
Zone 3B - G1	5/29/2013													258			
Zone 3B - G3	5/29/2013													376			
Zone 3B - H2	5/29/2013													520			
Zone 3B - H4 W Wall	5/29/2013													640			
Zone 3B - I1	5/29/2013													443			
Zone 3B - I3	5/29/2013													569			
Zone 3B - J1 E Wall	5/29/2013													323			
Zone 3B - J2	5/29/2013													46.4			
Zone 3B - J4	5/29/2013													514			
Zone 3B - J4 E Wall	5/29/2013	Yes	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.0045	<0.0045	<0.0089	<0.0089	<0.0045	428	<0.0045		<0.0045
Zone 3C - A1	6/11/2013		<0.18	<0.18	0.73	<0.18	<0.18	<0.72	0.99	<0.18	<0.36	<0.36	2.1	27.6	0.68		<0.18
Zone 3C - A3	6/12/2013													991			
Zone 3C - A3 E Wall	6/12/2013	Yes												576			
Zone 3C - B2	6/12/2013	Yes												2150			
Zone 3C - B4	6/12/2013													170			
Zone 3C - C1	6/12/2013	Yes												837			
Zone 3C - C1 S Wall	6/12/2013													243			
Zone 3C - C3	6/12/2013													341			
Zone 3C - D2	6/12/2013	Yes												307			
Zone 3C - D4	6/12/2013													1190			
Zone 3C - E1	6/12/2013													667			
Zone 3C - E1 W Wall	6/12/2013													695			
Zone 3C - E3	6/12/2013													452			
Zone 3C - E4 W Wall	6/12/2013													228			
Zone 4 - A1 N Wall	5/21/2013	Yes												1890			
Zone 4 - A3 W Wall	5/21/2013													581			
Zone 4 - B1	5/21/2013													485			
Zone 4 - B3	5/21/2013		<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.016	<0.0039	<0.0039	<0.0078	<0.0078	<0.0039	29.5	<0.0039		<0.0039
Zone 4 - C1 N Wall	5/21/2013	Yes												489			
Zone 4 - C2	5/21/2013													262			
Zone 4 - C3 E Wall	5/21/2013	Yes												1980			
Zone 5 - A2	6/13/2013		<0.003	<0.003	0.03	<0.003	<0.003	<0.012	0.074	<0.003	<0.006	<0.006	0.0057	70.1	<0.003		<0.003
Zone 5 - A4	6/13/2013		<0.13	<0.13	0.56	<0.13	<0.13	<0.5	5.4	<0.13	<0.25	<0.25	0.28	128	<0.13		<0.13
Zone 5 - A4 W Wall	6/13/2013	Yes												141			
Zone 5 - B1	6/13/2013													1020			
Zone 5 - B1 N Wall	6/13/2013	Yes												603			
Zone 5 - B3	6/13/2013													1200			

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclohexane	Dibromo-chloro-methane	Dichloro-bromo-methane	Dichloro-methane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropyl-benzene	Lead	m&p-Xylene	Mercury	Methyl acetate
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 5 - B3 W Wall	6/13/2013		<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.015	4.8	<0.0036	0.0073	<0.0073	<0.0036	19.3	<0.0036		<0.0036
Zone 5 - B4 E Wall	6/13/2013													1420			
Zone 5 - C2	6/13/2013													212			
Zone 5 - D1	6/13/2013		<0.0035	<0.0035	2	<0.0035	<0.0035	<0.014	0.027	<0.0035	<0.0071	<0.0071	1.1	177	<0.0035		<0.0035
Zone 5 - D1 N Wall	6/13/2013													135			
Zone 5 - D3	6/13/2013													82			
Zone 5 - D3 S Wall	6/13/2013		<0.4	<0.4	9.1	<0.4	<0.4	<1.6	6.3	<0.4	<0.81	<0.81	0.73	238	3.5		<0.4

Removed: Soil excavated during remediation

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	3/9/2010						<0.0044	<5.69	<2.84		<0.0044	0.39	<0.0044		1.3	
SB-1	3/9/2010						70	<5.72	<2.86		<23	94	<23		39	
SB-1	3/9/2010						4.3	<5.3	<2.65		0.053	7.4	<0.0037		2.7	
SB-10	8/24/2010				<0.0062	<0.0062	0.071				<0.0062	0.77E	<0.0062		0.016	
SB-10	8/24/2010				<31	<31	120				<31	1100	<31		<31	
SB-10	8/24/2010	Yes			<0.28	<0.28	1.9				<0.28	6.4	<0.28		<0.28	
SB-100	5/20/2013	Yes														
SB-101	5/20/2013	Yes														
SB-102	5/20/2013															
SB-103	5/20/2013	Yes														
SB-104	5/20/2013	Yes														
SB-105	5/20/2013	Yes														
SB-11	8/24/2010				<0.51	<0.51	0.6				<0.51	6.7	<0.51		<0.51	
SB-11	8/24/2010				<0.005	<0.005	<0.005				<0.005	0.015	<0.005		<0.005	
SB-11	8/24/2010				<10	<10	<10				<10	150	<10		<10	
SB-110	7/24/2013															
SB-111	7/24/2013															
SB-112	7/24/2013	Yes														
SB-113	7/24/2013	Yes														
SB-115	7/24/2013	Yes														
SB-116	7/24/2013	Yes														
SB-117	7/24/2013	Yes														
SB-118	7/24/2013	Yes														
SB-119	7/24/2013	Yes														
SB-12	8/24/2010				<0.14	<0.14	<0.14				<0.14	<0.14	<0.14		1.3	
SB-12	8/24/2010				<0.0069	<0.0069	<0.0069				<0.0069	<0.0069	<0.0069		<0.0069	
SB-12	8/24/2010				<0.0063	<0.0063	<0.0063				<0.0063	0.016	<0.0063		<0.0063	
SB-120	7/24/2013	Yes														
SB-121	8/5/2013	Yes														
SB-122	8/5/2013	Yes														
SB-123	8/5/2013	Yes														
SB-124	8/5/2013	Yes														
SB-125	8/5/2013	Yes														
SB-126	8/5/2013	Yes														
SB-127	8/12/2013															
SB-128	8/12/2013															
SB-13	8/24/2010				<0.005	<0.005	<0.005				<0.005	<0.005	<0.005		<0.005	
SB-13	8/24/2010				<16	<16	62				<16	160	<16		<16	
SB-13	8/24/2010				<19	<19	97				<19	390	<19		33	
SB-130	8/15/2013															
SB-131	8/15/2013	Yes														
SB-131B	8/22/2013	Yes														

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-132	8/15/2013															
SB-133	8/15/2013	Yes														
SB-133B	8/22/2013	Yes														
SB-134	8/15/2013	Yes														
SB-135	8/15/2013															
SB-136	8/15/2013															
SB-137	8/15/2013															
SB-138	8/15/2013															
SB-139	8/22/2013	Yes														
SB-14	8/24/2010				<0.084	<0.084	<0.084				<0.084	<0.084	<0.084		1	
SB-14	8/24/2010				<0.0076	<0.0076	0.013				<0.0076	<0.0076	<0.0076		<0.0076	
SB-14	8/24/2010				<0.0067	<0.0067	<0.0067				<0.0067	<0.0067	<0.0067		<0.0067	
SB-140	8/22/2013															
SB-141	8/22/2013	Yes														
SB-142	1/14/2015		<0.0075	0.3			0.019			<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.015
SB-142	1/14/2015		<0.0065	<0.0065			<0.0065			<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	0.01J	<0.013
SB-142	1/14/2015															
SB-142	1/14/2015		<0.0045	<0.0045			<0.0045			<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0091
SB-143	1/14/2015															
SB-143	1/14/2015		<0.0057	<0.0057			<0.0057			<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011
SB-143	1/14/2015															
SB-143	1/14/2015		<0.014	<0.014			<0.014			<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.028
SB-143	1/14/2015		<0.014	<0.014			<0.014			<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.028
SB-143	1/14/2015		<0.0041	<0.0041			<0.0041			<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082
SB-144	1/14/2015		<0.0066	<0.0066			<0.0066			<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.013
SB-144	1/14/2015															
SB-144	1/14/2015															
SB-144	1/14/2015		<0.0041	<0.0041			<0.0041			<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082
SB-145	1/14/2015		<0.0066	<0.0066			<0.0066			<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.013
SB-145	1/14/2015		<0.0077	<0.0077			<0.0077			<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.015
SB-145	1/14/2015															
SB-145	1/14/2015		<0.0057	<0.0057			<0.0057			<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011
SB-146	1/14/2015		<0.0069	0.088			<0.0069			<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.014
SB-146	1/14/2015															
SB-146	1/14/2015															
SB-146	1/14/2015		<0.0045	<0.0045			<0.0045			<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.009
SB-147	1/14/2015		<0.0055	0.013			0.0079			<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011
SB-147	1/14/2015															
SB-147	1/14/2015															
SB-147	1/14/2015		<0.0088	<0.0088			<0.0088			<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.018
SB-148	1/14/2015		<0.0039	<0.0039			<0.0039			<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0079
SB-148	1/14/2015		<2.4	130D			<2.4			<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<4.8
SB-148	1/14/2015															

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-148	1/14/2015		<0.0051	0.31D			0.51D			<0.0051	0.008	<0.0051	<0.0051	<0.0051	<0.0051	<0.01
SB-149	1/15/2015		<0.0055	<0.0055			<0.0055			<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011
SB-149	1/15/2015															
SB-149	1/15/2015															
SB-149	1/15/2015		<0.0055	<0.0055			<0.0055			<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011
SB-15	8/25/2010				<0.11	<0.11	<0.11				<0.11	<0.11	<0.11		<0.11	
SB-15	8/25/2010				0.018	<0.0061	0.011				<0.0061	0.36E	<0.0061		<0.0061	
SB-15	8/25/2010				<0.0062	<0.0062	<0.0062				<0.0062	0.013	<0.0062		<0.0062	
SB-150	1/15/2015		<0.0041	<0.0041			<0.0041			<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082
SB-150	1/15/2015															
SB-150	1/15/2015															
SB-150	1/15/2015		<0.0047	<0.0047			<0.0047			<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0093
SB-150	1/15/2015		<0.0073	<0.0073			<0.0073			<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.015
SB-151	1/15/2015		<0.0052	<0.0052			<0.0052			<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.01
SB-151	1/15/2015															
SB-151	1/15/2015															
SB-151	1/15/2015		<0.0048	35D			<0.0048			<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0097
SB-151	1/15/2015		<0.0056	<0.0056			<0.0056			<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.011
SB-152	1/15/2015		<0.0044	0.093			<0.0044			<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087
SB-152	1/15/2015															
SB-152	1/15/2015															
SB-152	1/15/2015		<0.0053	17D			0.015J			<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.011
SB-152	1/15/2015		<0.0045	<0.0045			<0.0045			<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0089
SB-153	1/15/2015															
SB-153	1/15/2015		<0.0075	<0.0075			<0.0075			<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.015
SB-153	1/15/2015		<0.0042	<0.0042			<0.0042			<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084
SB-154	4/23/2015															
SB-154	4/23/2015															
SB-154	4/23/2015															
SB-155	4/23/2015															
SB-155	4/23/2015															
SB-155	4/23/2015															
SB-156	4/23/2015															
SB-156	4/23/2015															
SB-156	4/23/2015															
SB-156	7/29/2015															
SB-156	7/29/2015															
SB-156	7/29/2015															
SB-156	7/29/2015															
SB-157	4/23/2015															
SB-157	4/23/2015															
SB-157	4/23/2015															

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-158	7/29/2015															
SB-158	7/29/2015															
SB-158	7/29/2015															
SB-158	7/29/2015															
SB-159	7/29/2015															
SB-159	7/29/2015															
SB-159	7/29/2015															
SB-159	7/29/2015															
SB-16	8/25/2010				<0.0058	<0.0058	<0.0058				<0.0058	<0.0058	<0.0058		<0.0058	
SB-16	8/25/2010				<0.0058	<0.0058	<0.0058				<0.0058	<0.0058	<0.0058		0.056	
SB-16	8/25/2010				<0.0066	<0.0066	<0.0066				<0.0066	<0.0066	<0.0066		0.038	
SB-17	8/25/2010				<0.18	<0.18	<0.18				<0.18	0.78	<0.18		0.38	
SB-17	8/25/2010				<0.17	<0.17	<0.17				<0.17	0.35	<0.17		<0.17	
SB-18	8/25/2010				<0.16	<0.16	0.31				<0.16	1.4	<0.16		1.4	
SB-18	8/25/2010				<0.43	<0.43	<0.43				<0.43	<0.43	<0.43		<0.43	
SB-19	8/25/2010				<0.16	<0.16	<0.16				<0.16	0.86	<0.16		0.72	
SB-19	8/25/2010				<0.16	<0.16	<0.16				<0.16	0.85	<0.16		<0.16	
SB-19	8/25/2010				<0.18	<0.18	<0.18				<0.18	1.2	<0.18		0.43	
SB-19	8/25/2010				<28	33	99				<28	990	<28		<28	
SB-2	3/9/2010						<2.7	<5.61	<2.8		<2.7	7.5	<2.7		7.7	
SB-2	3/9/2010						2.6	<4.75	<2.38		<2.2	6.9	<2.2		4.6	
SB-2	3/9/2010	Yes					0.26	<6.05	<3.03		0.0064	3	<0.0044		6.7	
SB-20	8/25/2010				<0.15	0.27	<0.15				<0.15	<0.15	<0.15		<0.15	
SB-21	8/25/2010				<0.0052	0.0085	<0.0052				<0.0052	0.0068	<0.0052		<0.0052	
SB-21	8/25/2010				<0.54	<0.54	<0.54				<0.54	7	<0.54		0.85	
SB-21	8/25/2010				<86	<86	160				<86	1900	<86		200	
SB-23	8/25/2010				<0.01	<0.01	<0.01				<0.01	<0.01	<0.01		<0.01	
SB-23	8/25/2010				<0.0064	<0.0064	<0.0064				<0.0064	0.086	<0.0064		<0.0064	
SB-23A	7/13/2012															
SB-24	8/25/2010				<0.14	<0.14	<0.14				<0.14	<0.14	<0.14		<0.14	
SB-24	8/25/2010				<0.17	<0.17	<0.17				<0.17	0.22	<0.17		<0.17	
SB-24	8/25/2010				<30	<30	130				<30	550	<30		220	
SB-25	8/25/2010				<0.0076	<0.0076	0.01				<0.0076	0.2	<0.0076		0.082	
SB-25	8/25/2010				<0.59	<0.59	<0.59				<0.59	<0.59	<0.59		<0.59	
SB-25	8/25/2010				<33	<33	<33				<33	410	<33		81	
SB-26	8/25/2010				<0.0054	<0.0054	<0.0054				<0.0054	<0.0054	<0.0054		<0.0054	
SB-26	8/25/2010				<0.0055	<0.0055	<0.0055				<0.0055	0.019	<0.0055		0.011	
SB-26	8/25/2010				<1.6	<1.6	1.6				<1.6	22	<1.6		2.7	
SB-27	8/25/2010				<0.006	<0.006	<0.006				<0.006	<0.006	<0.006		<0.006	
SB-27	8/25/2010				<0.0056	<0.0056	<0.0056				<0.0056	<0.0056	<0.0056		<0.0056	
SB-27	8/25/2010	Yes			6.9	<2.5	4.2				<2.5	7	<2.5		<2.5	
SB-28	8/25/2010				<0.006	<0.006	<0.006				<0.006	<0.006	<0.006		<0.006	

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-28	8/25/2010				<0.0063	<0.0063	<0.0063				<0.0063	<0.0063	<0.0063		<0.0063	
SB-29	8/25/2010				<0.0059	<0.0059	<0.0059				<0.0059	<0.0059	<0.0059		<0.0059	
SB-29	8/25/2010				<0.0065	<0.0065	<0.0065				<0.0065	0.0077	<0.0065		0.024	
SB-29	8/25/2010				<6.4	<6.4	18				<6.4	14	<6.4		9.3	
SB-3	3/9/2010						0.0037	<5.18	<2.59		<0.0035	0.74	<0.0035		1.1	
SB-3	3/9/2010						0.053	<5.97	<2.99		<0.0046	2.8	<0.0046		2.4	
SB-3	3/9/2010	Yes					<0.0043	<5.34	<2.67		0.0079	0.92	0.016		31	
SB-30	8/25/2010				<8.1	<8.1	<8.1				<8.1	58	<8.1		<8.1	
SB-30	8/25/2010				<16	<16	84				<16	320	<16		<16	
SB-30	8/25/2010	Yes			<0.99	<0.99	<0.99				<0.99	<0.99	<0.99		<0.99	
SB-31	8/25/2010				5.5	10	<1.1				<1.1	<1.1	<1.1		<1.1	
SB-31	8/25/2010				2.9	12	5.7				<2.8	<2.8	<2.8		<2.8	
SB-31	8/25/2010				<0.15	<0.15	<0.15				<0.15	<0.15	<0.15		<0.15	
SB-31	8/25/2010				<0.3	<0.3	<0.3				<0.3	<0.3	<0.3		<0.3	
SB-32	8/25/2010				0.042	<0.0066	<0.0066				<0.0066	<0.0066	<0.0066		<0.0066	
SB-32	8/25/2010				2.6	4.5	<1.9				<1.9	<1.9	<1.9		<1.9	
SB-32	8/25/2010	Yes			4.5	0.68	4.3				<0.63	4.4	<0.63		<0.63	
SB-33	8/26/2010				<0.21	<0.21	<0.21				<0.21	0.54	<0.21		2	
SB-33	8/26/2010				<0.26	<0.26	<0.26				<0.26	3.3	<0.26		5.3	
SB-33	8/26/2010				<29	<29	41				<29	390	<29		250	
SB-34	8/26/2010				<0.0051	<0.0051	<0.0051				<0.0051	0.0089	<0.0051		0.0092	
SB-34	8/26/2010				<0.0054	<0.0054	<0.0054				<0.0054	0.0077	<0.0054		0.0087	
SB-34	8/26/2010				<0.39	<0.39	<0.39				<0.39	<0.39	<0.39		<0.39	
SB-35	8/26/2010				<0.28	<0.28	<0.28				<0.28	4.4	<0.28		1.9	
SB-35	8/26/2010				<1.2	<1.2	2.6				<1.2	16	<1.2		5.8	
SB-36	8/26/2010				<0.0045	<0.0045	<0.0045				<0.0045	<0.0045	<0.0045		<0.0045	
SB-36	8/26/2010				<0.005	<0.005	<0.005				<0.005	<0.005	<0.005		<0.005	
SB-36	8/26/2010				<0.17	<0.17	<0.17				<0.17	<0.17	<0.17		<0.17	
SB-37	8/26/2010				<0.0042	<0.0042	<0.0042				<0.0042	<0.0042	<0.0042		<0.0042	
SB-37	8/26/2010				<0.0049	<0.0049	<0.0049				<0.0049	<0.0049	<0.0049		<0.0049	
SB-37	8/26/2010				<0.17	<0.17	<0.17				<0.17	0.39	<0.17		0.81	
SB-38	8/26/2010				<0.0042	<0.0042	<0.0042				<0.0042	<0.0042	<0.0042		<0.0042	
SB-38	8/26/2010				<0.19	<0.19	0.4				<0.19	1.9	<0.19		<0.19	
SB-38	8/26/2010				<6.8	<6.8	16				<6.8	73	<6.8		<6.8	
SB-39	8/26/2010				<0.54	<0.54	<0.54				<0.54	3.8	<0.54		8.1	
SB-39	8/26/2010				<0.11	0.15	0.39				<0.11	0.14	<0.11		<0.11	
SB-39	8/26/2010				<3.1	5.1	19				<3.1	60	<3.1		<3.1	
SB-4	3/9/2010						0.24	<6.02	<3.01		0.0048	7.9	<0.0046		7.5	
SB-4	3/9/2010						<2.5	<5.75	<2.88		<2.5	7.2	<2.5		3.4	
SB-4	3/9/2010	Yes					<2	<5.56	<2.78		<2	22	<2		14	
SB-40	8/26/2010				<0.14	0.34	<0.14				<0.14	0.16	<0.14		<0.14	
SB-40	8/26/2010				<5.4	<5.4	13				<5.4	92	<5.4		<5.4	

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Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-40	8/26/2010	Yes			<1.1	<1.1	3.1				<1.1	8.1	<1.1		<1.1	
SB-41	8/27/2010				<17	<17	<17				<17	290	<17		<17	
SB-41	8/27/2010				<0.36	<0.36	<0.36				<0.36	4.3	<0.36		<0.36	
SB-41	8/27/2010	Yes			3.1	1.5	<1.2				<1.2	27	<1.2		<1.2	
SB-41A	7/15/2012	Yes														
SB-42	8/27/2010				<0.0047	<0.0047	<0.0047				<0.0047	0.013	<0.0047		<0.0047	
SB-42	8/27/2010				<0.005	<0.005	<0.005				<0.005	0.0068	<0.005		<0.005	
SB-42	8/27/2010				0.45	<0.35	<0.35				<0.35	<0.35	<0.35		<0.35	
SB-43	8/27/2010				<6.3	<6.3	13				<6.3	<6.3	<6.3		<6.3	
SB-43	8/27/2010				<7.8	<7.8	64				<7.8	180	<7.8		<7.8	
SB-46	7/13/2012						<4.6				<4.6	<4.6	<4.6		<4.6	
SB-46	7/13/2012						<5.9				<5.9	16	<5.9		<5.9	
SB-46	7/13/2012	Yes					<0.0053				<0.0053	<0.0053	<0.0053		<0.0053	
SB-47	7/13/2012						14				<3.7	230	<3.7		<3.7	
SB-47	7/13/2012						<14				<14	690	<14		<14	
SB-47	7/13/2012	Yes					<0.0065				<0.0065	<0.0065	<0.0065		<0.0065	
SB-48	7/13/2012						<0.0049				<0.0049	<0.0049	<0.0049		<0.0049	
SB-48	7/13/2012						<14				<14	290	<14		<14	
SB-49	7/13/2012															
SB-49	7/13/2012						0.042				<0.006	<0.006	<0.006		<0.006	
SB-5	3/9/2010						<2.3	<4.41	<2.21		<2.3	27	<2.3		2.7	
SB-5	3/9/2010						<22	<5.05	<2.53		<22	1200	<22		<22	
SB-5	3/9/2010						<21	<5.14	<2.57		<21	530	<21		<21	
SB-50	7/14/2012						<0.0065				<0.0065	<0.0065	<0.0065		0.029	
SB-51	7/14/2012						<0.0047				<0.0047	<0.0047	<0.0047		<0.0047	
SB-52	7/14/2012						<0.33				<0.33	0.97	<0.33		<0.33	
SB-52	7/14/2012						<320				<320	760	<320		<320	
SB-53	7/14/2012						5.6				<0.62	1.8	<0.62		<0.62	
SB-53	7/14/2012						48				<13	57	<13		<13	
SB-54	7/13/2012						<0.27				<0.27	<0.27	<0.27		<0.27	
SB-54	7/13/2012						<0.31				<0.31	0.81	<0.31		<0.31	
SB-55	7/13/2012	Yes														
SB-56	7/15/2012															
SB-56	7/15/2012															
SB-56	7/15/2012						0.58				<0.32	6.1	<0.32		1.6	
SB-56	7/15/2012						<320				<320	1200	<320		350	
SB-57	7/14/2012															
SB-57	7/14/2012						5				<0.27	48	<0.27		4.7	
SB-57	7/14/2012						170				<13	1400	<13		130	
SB-57	7/14/2012	Yes					<0.0046				<0.0046	<0.0046	<0.0046		<0.0046	
SB-58	7/14/2012															
SB-58	7/14/2012						<0.6				<0.6	<0.6	<0.6		<0.6	

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-59	7/14/2012						<0.0053				<0.0053	<0.0053	<0.0053		<0.0053	
SB-59	7/14/2012						0.029				<0.0058	0.051	<0.0058		0.079	
SB-6	3/9/2010						<0.0049	<5.17	<2.59		<0.0049	0.022	<0.0049		0.019	
SB-6	3/9/2010						<42	<5.54	<2.77		<42	580	<42		<42	
SB-6	3/9/2010						<20	<5.78	<2.89		<20	1600	<20		<20	
SB-60	7/13/2012															
SB-60	7/13/2012						<0.6				<0.6	<0.6	<0.6		<0.6	
SB-61	7/15/2012						<0.28				<0.28	<0.28	<0.28		<0.28	
SB-62	7/15/2012															
SB-62	7/15/2012						0.016				<0.0077	0.11	<0.0077		<0.0077	
SB-63	7/15/2012						<0.0051				<0.0051	<0.0051	<0.0051		<0.0051	
SB-63	7/15/2012						<5.8				<5.8	29	<5.8		<5.8	
SB-63	7/15/2012						<0.55				<0.55	<0.55	<0.55		<0.55	
SB-64	7/15/2012						0.02				<0.0055	0.037	<0.0055		<0.0055	
SB-64	7/15/2012						0.73				<0.4	2.4	<0.4		<0.4	
SB-64	7/15/2012	Yes														
SB-65	7/15/2012															
SB-66	7/15/2012															
SB-67	7/15/2012															
SB-68	7/15/2012															
SB-69	7/15/2012															
SB-7	3/9/2010						100	<5.96	<2.98		<23	280	<23		<23	
SB-7	3/9/2010						44	<5.85	<2.93		<22	310	<22		<22	
SB-7	3/9/2010	Yes					1.2	<5.93	<2.96		<0.43	11	<0.43		4.8	
SB-8	3/9/2010						<0.0039	<6.02	<3.01		<0.0039	0.0042	<0.0039		<0.0039	
SB-8	3/9/2010						12	<6.05	<3.02		<2.2	18	<2.2		<2.2	
SB-8	3/9/2010						8	<6.18	<3.09		<2	14	<2		<2	
SB-9	3/9/2010						<2.1	<5.82	<2.91		<2.1	<2.1	<2.1		27	
SB-9	3/9/2010						95	<6.49	<3.25		<20	1000	<20		260	
SB-9	3/9/2010	Yes					33	<5.81	<2.91		<20	120	<20		4800	
Zone 1 - A1 - E Wall	4/23/2013															
Zone 1 - A2	4/23/2013															
Zone 1 - B1	4/24/2013															
Zone 1 - B3	4/23/2013															
Zone 1 - B3 - E Wall	4/23/2013															
Zone 1 - B4 - S Wall	4/23/2013															
Zone 1 - C1 - N Wall	4/23/2013															
Zone 1 - C2	4/23/2013		<0.0018	0.0066			0.0022			<0.0018	<0.0018	0.0038	<0.0018	<0.0018	0.046	<0.0037
Zone 1 - C4	4/24/2013															
Zone 1 - D1	4/23/2013															
Zone 1 - D3	4/24/2013															
Zone 1 - D4 - W Wall	4/24/2013															

Table 5. All Soil Sampling Results (Organics and Inorganics)

Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 1 - D5	4/24/2013															
Zone 1 - E2	4/24/2013															
Zone 1 - F1	4/24/2013															
Zone 1 - F1 - N Wall	4/24/2013															
Zone 1 - F3	4/24/2013															
Zone 1 - F3 - W Wall	4/24/2013															
Zone 2A - A1 - N Wall	6/20/2013															
Zone 2A - A2	6/20/2013															
Zone 2A - A2 - W Wall	6/20/2013															
Zone 2A - B1	6/20/2013															
Zone 2A - C1 - N Wall	6/20/2013															
Zone 2A - C2	6/20/2013		<0.0034	<0.0034			<0.0034			<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0067
Zone 2A - C2 - S Wall	6/20/2013															
Zone 2A - D1	6/26/2013															
Zone 2A - D2 - S Wall	6/26/2013															
Zone 2A - E1 - N Wall	6/26/2013	Yes														
Zone 2A - E2	6/26/2013															
Zone 2A - E2 - S Wall	6/26/2013															
Zone 3A - A2	5/10/2013															
Zone 3A - A2 S Wall	5/9/2013	Yes														
Zone 3A - B1	5/10/2013	Yes														
Zone 3A - B1	5/30/2013	Yes	<0.004	1.9			9.5			<0.004	0.12	25	<0.004	<0.004	220	<0.0079
Zone 3A - B1 N Wall	5/10/2013															
Zone 3A - C2	5/10/2013	Yes														
Zone 3A - C2	5/30/2013	Yes	<0.004	1.2			8.1			<0.004	0.076	7.4	<0.004	<0.004	54	0.0079
Zone 3A - C2 S Wall	5/9/2013	Yes														
Zone 3A - D1	5/9/2013															
Zone 3A - D1 N Wall	5/9/2013	Yes														
Zone 3A - E2	5/10/2013															
Zone 3A - E2	5/30/2013		<0.004	0.0049			0.016			<0.004	<0.004	0.47	0.012	<0.004	0.64	0.032
Zone 3A - E2 S Wall	5/9/2013	Yes														
Zone 3A - F1	5/9/2013															
Zone 3A - F1 N Wall	5/9/2013															
Zone 3A - G2	5/9/2013															
Zone 3A - G2 W Wall	5/9/2013															
Zone 3B - A1	5/29/2013															
Zone 3B - A1 N Wall	5/29/2013	Yes														
Zone 3B - B2	5/29/2013															
Zone 3B - B2 S Wall	5/29/2013	Yes														
Zone 3B - C1	5/29/2013															
Zone 3B - D2	5/29/2013															
Zone 3B - D2 S Wall	5/29/2013															

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Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 3B - E1	5/29/2013															
Zone 3B - E4 S Wall	5/29/2013	Yes														
Zone 3B - F2	5/29/2013															
Zone 3B - F3 S Wall	5/29/2013															
Zone 3B - F4	5/29/2013															
Zone 3B - G1	5/29/2013															
Zone 3B - G3	5/29/2013															
Zone 3B - H2	5/29/2013															
Zone 3B - H4 W Wall	5/29/2013															
Zone 3B - I1	5/29/2013															
Zone 3B - I3	5/29/2013															
Zone 3B - J1 E Wall	5/29/2013															
Zone 3B - J2	5/29/2013															
Zone 3B - J4	5/29/2013															
Zone 3B - J4 E Wall	5/29/2013	Yes	<0.0045	<0.0045			<0.0045			<0.0045	<0.0045	0.0094	<0.0045	<0.0045	<0.0045	<0.0089
Zone 3C - A1	6/11/2013		<0.18	3.3			<0.18			<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36
Zone 3C - A3	6/12/2013															
Zone 3C - A3 E Wall	6/12/2013	Yes														
Zone 3C - B2	6/12/2013	Yes														
Zone 3C - B4	6/12/2013															
Zone 3C - C1	6/12/2013	Yes														
Zone 3C - C1 S Wall	6/12/2013															
Zone 3C - C3	6/12/2013															
Zone 3C - D2	6/12/2013	Yes														
Zone 3C - D4	6/12/2013															
Zone 3C - E1	6/12/2013															
Zone 3C - E1 W Wall	6/12/2013															
Zone 3C - E3	6/12/2013															
Zone 3C - E4 W Wall	6/12/2013															
Zone 4 - A1 N Wall	5/21/2013	Yes														
Zone 4 - A3 W Wall	5/21/2013															
Zone 4 - B1	5/21/2013															
Zone 4 - B3	5/21/2013		<0.0039	<0.0039			<0.0039			<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078
Zone 4 - C1 N Wall	5/21/2013	Yes														
Zone 4 - C2	5/21/2013															
Zone 4 - C3 E Wall	5/21/2013	Yes														
Zone 5 - A2	6/13/2013		<0.003	0.042			<0.003			<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.006
Zone 5 - A4	6/13/2013		<0.13	4.5			<0.13			<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.25
Zone 5 - A4 W Wall	6/13/2013	Yes														
Zone 5 - B1	6/13/2013															
Zone 5 - B1 N Wall	6/13/2013	Yes														
Zone 5 - B3	6/13/2013															

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Location	Date Sampled	Removed	Methyl tertbutyl ether (MTBE)	Methylcyclo-hexane	Naphthalene	n-Propyl-benzene	o-Xylene	Selenium	Silver	Styrene	Tetrachloro-ethene	Toluene	trans-1,2-Dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Vinyl chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Zone 5 - B3 W Wall	6/13/2013		<0.0036	0.072			<0.0036			<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0073
Zone 5 - B4 E Wall	6/13/2013															
Zone 5 - C2	6/13/2013															
Zone 5 - D1	6/13/2013		<0.0035	0.83			<0.0035			<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0071
Zone 5 - D1 N Wall	6/13/2013															
Zone 5 - D3	6/13/2013															
Zone 5 - D3 S Wall	6/13/2013		<0.4	7.5			0.82			<0.4	<0.4	0.94	<0.4	<0.4	<0.4	<0.81

Removed: Soil excavated during remediation

APPENDIX D
Indoor Air Sampling Report

ARCADIS U.S., Inc.
2849 Paces Ferry Road
Suite 400
Atlanta
Georgia 30339
Tel 770.431.8666
Fax 770.435.2666
www.arcadis-us.com

Ms. Jan Simmons
Program Manager
Georgia Environmental Protection Division
Hazardous Waste Management Branch
East Tower, Suite 1162
2 Martin Luther King, Jr. Drive
Atlanta, GA 30334

Subject:
Lafarge Road Marking, Inc.
2675 North Martin Street, East Point, Georgia
IAVI Report for the Building North of East Forrest Avenue and the Two On-site Buildings in the Central and the most Western Portion of the Property

Date:
January 17, 2011

Contact:
David Wilderman

Phone:
770.384.6669

Email:
david.wilderman@arcadis-us.com

Our ref:
GA063865.0004.00010

Dear Ms. Simmons:

This letter report summarizes indoor air data that was collected at the former Lafarge Road Marking facility located at 2675 N. Martin Street, East Point, Georgia. The indoor air sampling was conducted in accordance with a request by the Georgia Environmental Protection Agency (EPD) in a letter dated July 15, 2009. As requested by the EPD, the indoor air sampling event performed at three buildings on the former LRM property and one building, Jefferson Station, located north of Forrest Avenue. The EPD specifically requested that indoor air samples be collected and analyzed so that concentrations of volatile organic compounds (VOC's), if detected, can be compared to accepted Occupational Safety and Health Administration (OSHA) standards.

The EPD's review of the December 18, 2008 Off-site Soil Vapor Intrusion Evaluation Work Plan (Work Plan #2) included a request that potential health hazards be evaluated in each building located within one hundred (100) feet of volatile organic contaminant (VOC) impacted soil or groundwater. ARCADIS developed a work plan to guide the collection of air samples in accordance with published United States Environmental Protection Agency (USEPA) guidance and submitted it to the current property owners, Kairos, Inc., for review and approval. Kairos granted access to the properties to conduct the air sampling in late November 2010, and the 8-hour sampling event was performed on December 10, 2010. A total of 16, 8-hour composite air samples were collected from locations inside the East (#600), Central

(#700), and West building on the former LRM facility, outside the Central building. Additionally, air sampling was performed inside the basement, within the first floor offices, and outside of the Jefferson Station building located directly north of the former LRM facility across Forrest Avenue. Figure 1 illustrates the location of each composite air sample collected during the event.

The sampling plan was developed to evaluate indoor air quality and assess the potential for VOC vapors from impacted soil and groundwater to enter the occupied buildings through vapor migration. The approach outlined in the plan was based on USEPA's (2002) draft guidance for vapor intrusion, our experience at other facilities, and site specific data.

Air Sampling Apparatus Deployment, Sample Collection, Retrieval, and Shipment

Sixteen air samples including a field duplicate were collected from the locations illustrated in Figure 1. Each sample was an 8-hour composite collected using a 6-Liter SUMMA® canister. The samples were analyzed for VOCs by EPA Method TO-15, with low-level detection limits appropriate for indoor air. Samples were placed at breathing level in locations designated on Figure 1. Photographs of each deployed SUMMA® canister are provided in Attachment A. Five samples were collected in the Jefferson Building, three samples each in the Central and East buildings, two samples in the West Building, and two samples were collected in ambient (outside) location. One duplicate sample was collected from a pre-determined location (AS-2) situated in the central portion of the Jefferson Station building basement. Sample locations included offices, conference rooms, warehouse areas, storage rooms, finished and unfinished basement areas, and outdoor areas.

To collect the samples, locations were chosen inside the areas occupied by the employees working at the site and the Jefferson Station building. The SUMMA® canister air inlet was located at approximately 3 to 4 feet from the floor and the sampling flow rate was controlled to take interval samples over an 8-hour period. The SUMMA® canister inlet valves were closed when the canister reached a negative pressure (vacuum) of approximately 2-7 inches of mercury or after 8 hours elapsed. Each SUMMA® canister and regulator came pre-labeled from the laboratory with a unique number which was recorded on the field logbook. The sampler noted on the customized chain-of-custody form the SUMMA® canister identification number, regulator number, initial gauge pressure and time the regulator was opened, final gauge pressure and time the regulator was closed as well as other pertinent

information relating to conditions during sample collection. The chain-of-custody form is included in Attachment B with laboratory results of air samples. The location of each sample canister was photographed following deployment.

The 16 SUMMA® canisters were deployed between 7 AM and 8:30 AM on Friday, December 10, 2010 and were placed to prevent disturbance of the SUMMA® canister by normal working operations. The SUMMA® canisters were retrieved from each location between 3:30 and 5 PM later that day.

SUMMA® canister samples were repackaged in their original laboratory boxes following the completion of the collection event. Custody seals were affixed to each box and the samples were shipped to Accutest, Inc. using an express mail service for analysis.

Vapor Intrusion Screening Level Risk Assessment

The analytical results of the 16 SUMMA® canister air samples are presented in Table 1. The Accutest Laboratory report is provided in Attachment B. The Georgia EPD requested that laboratory results of indoor air samples be compared to accepted Occupational Safety and Health Administration (OSHA) standards and those standards are also presented on Table 1.

The OSHA (2011) standards (29 CFR Subpart Z 1910.1000) were obtained from Tables Z-1 and Z-2 for most of the constituents. The air contaminant concentration levels are permissible exposure levels (PELs) based on an 8-hour time weighted average (TWA). OSHA standards were not available from Table Z-1 or Z-2 for the following constituents: cis-1,2-dichloroethene; methylene chloride; propylene; 1,2,4-trimethylbenzene; 1.3.5-trimethylbenzene; and 2,2,4-trimethylpentane. The air standard for cis-1,2-dichloroethene presented in Table 1 is that for 1,2-dichloroethene. The standard for methylene chloride (29 CFR 1910.1052) is reported as an action level which is a concentration of airborne methylene chloride calculated as an eight (8)-hour TWA. The standard for propylene was included in the 1989 update to OSHA's Air Contaminants Standard. The PEL for propylene was vacated by the U.S. Court of Appeals, Eleventh Circuit. The standard for the trimethylbenzenes is a TWA for an eight-hour exposure. Finally, the acceptable air concentration for 2,2,4-trimethylpentane was obtained from the American Council of Governmental Industrial Hygienists (ACGIH) and is a threshold level value.

All of the detected concentrations were well below the standards presented in Table 1. Therefore, there would be no risk to occupational workers.

References

- United States Environmental Protection Agency (USEPA), 2002. Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils. Office of Solid Waste and Emergency Response. Washington, D.C. November.

- United States Occupational Safety and Health Administration (OSHA), 2011. OSHA Limits for Air Contaminants. URL:

- http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9992

- http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9993

Please review this letter report and contact me with any questions or comments at 770.384.6669.

Sincerely,

ARCADIS U.S., Inc.

David M. Wilderman, PG
Senior Hydrogeologist

Copies:
Ms. Kristy Lawrie, Georgia EPD
Mr. Joe McCarthy, LRM
Mr. Russell Dirienzo, ARCADIS

Professional Engineer/Geologist Certification

I certify that I am a qualified groundwater scientist who has received a baccalaureate or postgraduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

David M. Wilderman, PG
Georgia Registration No. 978

Date

TABLES

Table 1
Indoor Air Data
Lafarge Road Marketing
East Point, Georgia

Constituent	OSHA Limits for Air Contaminants[1,2]	AS-1 12/10/2010 (µg/m^3)	AS-2 12/10/2010 (µg/m^3)	AS-3 12/10/2010 (µg/m^3)	AS-4 12/10/2010 (µg/m^3)	AS-5 12/10/2010 (µg/m^3)	AS-6 12/10/2010 (µg/m^3)	AS-7 12/10/2010 (µg/m^3)	AS-8 12/10/2010 (µg/m^3)	AS-9 12/10/2010 (µg/m^3)	AS-10 12/10/2010 (µg/m^3)	AS-11 12/10/2010 (µg/m^3)	AS-12 12/10/2010 (µg/m^3)	AS-13 12/10/2010 (µg/m^3)	AS-14 12/10/2010 (µg/m^3)	AS-15 12/10/2010 (µg/m^3)
VOCs																
Acetone	2,400,000	5.2	10	6.2	42.0	77.7	5.2	<0.48	<0.48	49.4	8.1	7.8	7.4	40.9	42.3	67.5
Benzene	31,947	1.2	1.2	1.1	1.7	1.6	0.86	2.0	2.4	1.2	3.5	4.5	3.5	2.3	2.3	2.2
Chloromethane	206,503	0.72	0.68	0.66	0.97	0.97	0.95	0.91	0.99	1.0	0.93	0.97	0.89	1.0	0.99	0.99
Cyclohexane	1,050,000	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	0.55	<0.69	<0.69	<0.69	0.83	<0.69	<0.69	<0.69	<0.69
Dichlorodifluoromethane	4,950,000	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.1	1.9	2.0	2.0	2.0
cis-1,2-Dichloroethene[3]	790,000	15	20	16	5.9	2.1	<0.79	0.56	0.48	<0.79	2.3	2.2	1.8	<0.79	<0.79	<0.79
Ethanol	1,900,000	9.8	12	9.0	25.1	119	10	20.7	24.5	19	162	152	177	23.2	22.8	21.5
Ethylbenzene	435,000	0.65	0.56	0.48	1.0	0.83	<0.87	1.2	1.5	0.61	1.3	2.3	1.5	1.7	1.7	0.56
Ethyl acetate	1,400,000	<0.72	<0.72	<0.72	<0.72	<0.72	4.7	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72
4-Ethyltoluene	480,000	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	0.69	0.84	<0.98	0.59	1.3	0.79	0.88	0.84	<0.98
Heptane	2,000,000	0.53	0.53	0.49	0.94	7.8	0.45	1.5	1.8	0.61	1.3	2.2	1.4	1.5	1.6	1.3
Hexane	1,800,000	0.85	0.81	0.74	1.1	1.1	0.56	3.9	4.9	1.1	1.8	2.4	1.7	11	12	19
Isopropyl Alcohol	980,000	<0.49	1.1	0.93	3.4	6.9	0.88	<0.49	<0.49	1.5	16	15	20	3.4	2.7	2.7
Methylene chloride[4]	43,425	<0.69	<0.69	<0.69	<0.69	0.73	<0.69	1.6	4.9	<0.69	0.69	<0.69	<0.69	0.73	0.80	1.0
Methyl ethyl ketone	590,000	2.0	2.6	1.3	12	1.7	0.65	1.0	1.7	6.2	0.77	0.86	0.68	1.4	1.4	1.7
Methyl isobutyl ketone	410,000	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	0.49	0.53	0.49
Propylene[5]	860,000	3.1	2.9	2.7	<0.86	9.1	<0.86	2.4	2.7	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
Styrene	425,930	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	0.47	<0.85	<0.85	<0.85	<0.85
1,2,4-Trimethylbenzene[6]	122,894	0.98	0.98	0.79	1.9	1.4	0.59	3.8	3.6	0.59	2.8	5.9	3.5	4.2	4.2	<0.98
1,3,5-Trimethylbenzene[6]	122,894	<0.98	<0.98	<0.98	0.49	<0.98	<0.98	1	1.1	<0.98	0.74	1.6	0.98	1.1	1.2	<0.98
2,2,4-Trimethylpentane[7]	1,401,472	0.65	0.61	0.56	0.98	1.0	<0.93	2.3	2.3	0.98	2.3	4.3	2.6	1.0	1.0	0.79
Tertiary butyl alcohol	300,000	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	0.36	<0.61	<0.61	<0.61
Tetrachloroethene	678,323	<0.27	0.46	<0.27	<0.27	0.35	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Tetrahydrofuran	590,000	2.1	1.3	0.77	5.3	0.35	<0.59	<0.59	<0.59	1.2	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
Toluene	753,620	2.7	2.6	2.1	4.1	4.5	1.8	6.8	10	2.7	6.4	11	7.2	41.5	44.1	34
Trichloroethene	537,423	0.81	1.2	0.86	0.75	0.70	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
Trichlorofluoromethane	5,600,000	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2
m&p-Xylene	435,000	1.8	1.7	1.4	2.7	2.4	0.96	4.2	4.8	1.6	4.0	7.4	4.8	5.6	6.1	0.87
o-Xylene	435,000	0.69	0.65	0.56	1.0	0.91	<0.87	1.7	1.8	0.61	1.6	3.0	1.9	2.1	2.1	<0.87
Xylenes, total	435,000	2.5	2.3	2.0	3.7	2.2	0.96	6.1	6.5	2.2	5.6	10	6.5	7.8	7.8	0.87

Notes: All units are in micrograms per cubic meter (µg/m^3).

[1] Table Z-1 (http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9992).

[2] Table Z-2 (http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9993). Value shown is the 8-hour time weighted average.

[3] Value presented is for 1,2-dichloroethene, rather than for the specific isomer.

[4] Methylene chloride action level calculated as an eight-hour time weighted average (http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10094).

[5] The OSHA Permissible Exposure Limit (PEL) were provided in the 1989 update to OSHA's Air Contaminants Standard. The PELs were vacated by the U.S. Court of Appeals, Eleventh Circuit (http://www.novachem.com/appl/prodfinder/docs/chemical/PropyleneChemicalGrade_MSDS_EN.pdf)

[6] OSHA time weighted average for 8-hour exposure.

[7] American Council of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV) (http://www.jtbaker.com/msds/englishhtml/t6526.htm).

OSHA - Occupational Safety and Health Administration.

FIGURES

AS-1 AS-2 Jefferson Building AS-3 AS-4 AS-5 AS-6

DP-1 DP-2 DP-3 DP-4 DP-5 DP-6 DP-7 DP-8

East Forrest Street

Norman Berry Dr

N

SB-7 MW-8 MW-7 RW-2 MW-21 MW-24 MW-23 MW-25

Former Hazardous Waste Drum Storage Area (SWMU #1)

RW-6 MW-20 MW-10 MW-9 RW-3 MW-12 MW-11 P-8 MW-22

P-4 MW-4 MW-5 RW-4

Former Waste Solvent Tanks (SWMU #2)

MW-3 RW-7 MW-2 MW-6

Former Underground Storage Tank Farm (SWMU #4)

Canopy MW-13 MW-14 MW-19 P-6

RW-1 P-2

AS-7 AS-13 AS-14

Former Caustic Tanks (SWMU #3) Old Waste Oil MW-17 AS-9

Tank Containment Area AS-10

West Building AS-8 Groundwater Treatment Building AS-11 Central Building Loading Dock

RW-5 MW-16 MW-15 Hwy Products (East Building) AS-15

AS-12 MW-18 P-7

Metropolitan Atlanta Rapid Transit Authority

CSX Transportation

N Martin St

E Ware Ave

Legend

- Proposed Air Sample
- PID and Soil Sample
- Existing Soil Boring
- Recovery Well
- Piezometer
- Direct Push Well
- Monitor Well (Shallow)
- Monitor Well (Deep)
- Building/Structure
- Fence
- Edge of Concrete
- Historical Features
- Roads/Highways
- Railroad Tracks

0 30 60 120

Scale in Feet

Source: ArcGIS Online Services Hosted by ESRI

LAFARGE
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA

SITE LAYOUT AND PROPOSED AIR SAMPLE LOCATIONS

ARCADIS

FIGURE 1

CITY: Augusta, GA DIV/GROUP: ENV DB: A. Saul LD: PIC: PM: R. Fitzpatrick TM: E. Maddox TR:
Wednesday, September 16, 2009 2:19:54 PM
G:\ENVCAD\Augusta-GA\RETURN-TO\Atlanta-GA\GA063865_Lafarge_East_Point\0001\00002\2009 Site Map\Fig1_Lafarge_Air-Sample-Loc.mxd

ATTACHMENT A

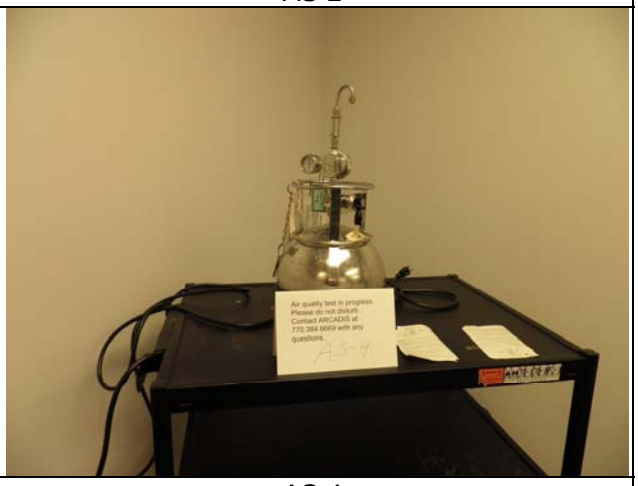
Attachment A

Photographs of Deployed SUMMA® Canisters

AS-1 (right) and the duplicate AS-16 (left)

AS-2

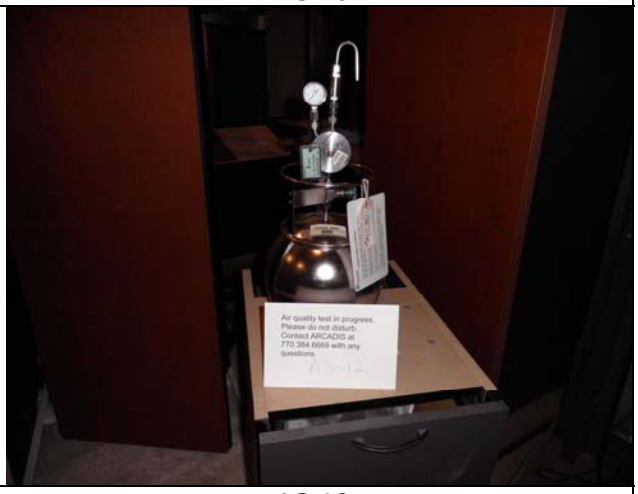
AS-3

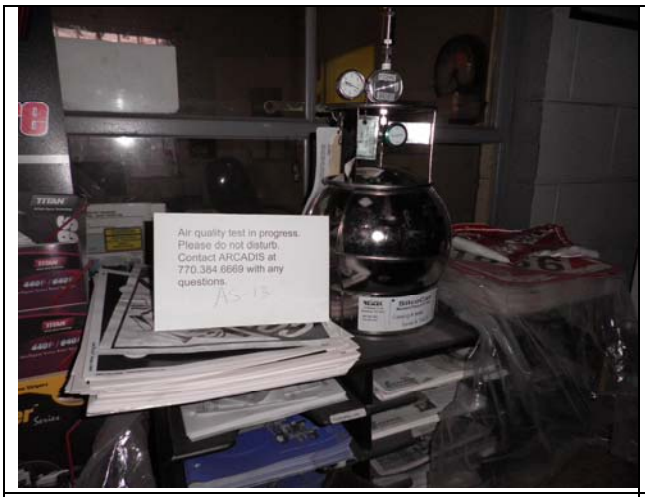


AS-4

AS-5

AS-6

	
AS-7	AS-8
	
AS-9	AS-10
	
AS-11	AS-12

	
AS-13	AS-14
	
AS-15	

ATTACHMENT B

New Jersey ACCUTEST LABORATORIES

01/04/11

Technical Report for

Arcadis

Lafarge East Point Air Sampling

GA063865.0004.00010

Accutest Job Number: JA63988

Sampling Date: 12/10/10

Report to:

Client Service (KM)

kristynm@accutest.com

ATTN: Kristyn Morrison

Total number of pages in report: **108**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

David N. Speis
VP, Laboratory Director

Client Service contact: Tammy McCloskey 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Sections: 1 2 3 4

Table of Contents

Sample Summary

Arcadis

Job No: JA63988

Lafarge East Point Air Sampling
Project No: GA063865.0004.00010

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA63988-1	12/10/10	15:13	DW	12/14/10	AIR	Air	AS-13
JA63988-2	12/10/10	15:16	DW	12/14/10	AIR	Air	AS-14
JA63988-3	12/10/10	15:19	DW	12/14/10	AIR	Air	AS-15
JA63988-4	12/10/10	14:04	DW	12/14/10	AIR	Air	AS-4
JA63988-5	12/10/10	15:41	DW	12/14/10	AIR	Air	AS-5
JA63988-6	12/10/10	16:02	DW	12/14/10	AIR	Air	AS-1
JA63988-7	12/10/10	16:06	DW	12/14/10	AIR	Air	AS-2
JA63988-8	12/10/10	16:09	DW	12/14/10	AIR	Air	AS-3
JA63988-9	12/10/10	16:22	DW	12/14/10	AIR	Air	AS-7
JA63988-10	12/10/10	16:19	DW	12/14/10	AIR	Air	AS-8
JA63988-11	12/10/10	16:32	DW	12/14/10	AIR	Air	AS-10
JA63988-12	12/10/10	16:35	DW	12/14/10	AIR	Air	AS-11
JA63988-13	12/10/10	16:38	DW	12/14/10	AIR	Air	AS-12

Sample Summary
(continued)

Arcadis

Job No: JA63988

Lafarge East Point Air Sampling
Project No: GA063865.0004.00010

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA63988-14	12/10/10	16:52	DW	12/14/10	AIR	Air	AS-6
JA63988-15	12/10/10	16:46	DW	12/14/10	AIR	Air	AS-9
JA63988-16	12/10/10	12:00	DW	12/14/10	AIR	Air	AS-16 DUP

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: AS-13
Lab Sample ID: JA63988-1
Matrix: AIR - Air Summa ID: A459
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29449.D	1	12/16/10	YMH	n/a	n/a	VW1210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	17.2	0.20	0.061	ppbv		40.9	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.72	0.20	0.049	ppbv		2.3	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.49	0.20	0.053	ppbv		1.0	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.40	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-13
Lab Sample ID: JA63988-1
Matrix: AIR - Air Summa ID: A459
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	12.3	0.50	0.17	ppbv		23.2	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.39	0.20	0.027	ppbv		1.7	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.18	0.20	0.024	ppbv	J	0.88	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.36	0.20	0.024	ppbv		1.5	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	3.0	0.20	0.022	ppbv		11	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.4	0.20	0.055	ppbv		3.4	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.21	0.20	0.027	ppbv		0.73	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.49	0.20	0.030	ppbv		1.4	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.12	0.20	0.037	ppbv	J	0.49	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.85	0.20	0.027	ppbv		4.2	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.23	0.20	0.027	ppbv		1.1	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.22	0.20	0.021	ppbv		1.0	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	11.0	0.20	0.025	ppbv		41.5	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	1.3	0.20	0.059	ppbv		5.6	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.48	0.20	0.026	ppbv		2.1	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.8	0.20	0.026	ppbv		7.8	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID: AS-14
Lab Sample ID: JA63988-2
Matrix: AIR - Air Summa ID: A447
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29450.D	1	12/17/10	YMH	n/a	n/a	VW1210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	17.8	0.20	0.061	ppbv		42.3	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.71	0.20	0.049	ppbv		2.3	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.48	0.20	0.053	ppbv		0.99	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.40	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-14
Lab Sample ID: JA63988-2 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A447 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	12.1	0.50	0.17	ppbv		22.8	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.40	0.20	0.027	ppbv		1.7	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.17	0.20	0.024	ppbv	J	0.84	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.38	0.20	0.024	ppbv		1.6	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	3.4	0.20	0.022	ppbv		12	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.1	0.20	0.055	ppbv		2.7	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.23	0.20	0.027	ppbv		0.80	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.48	0.20	0.030	ppbv		1.4	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.13	0.20	0.037	ppbv	J	0.53	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.85	0.20	0.027	ppbv		4.2	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.24	0.20	0.027	ppbv		1.2	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.22	0.20	0.021	ppbv		1.0	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	11.7	0.20	0.025	ppbv		44.1	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	1.4	0.20	0.059	ppbv		6.1	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.48	0.20	0.026	ppbv		2.1	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.8	0.20	0.026	ppbv		7.8	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-15
Lab Sample ID: JA63988-3
Matrix: AIR - Air Summa ID: A633
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29451.D	1	12/17/10	YMH	n/a	n/a	VW1210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	28.4	0.20	0.061	ppbv		67.5	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.70	0.20	0.049	ppbv		2.2	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.48	0.20	0.053	ppbv		0.99	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.40	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-15
Lab Sample ID: JA63988-3 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A633 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	11.4	0.50	0.17	ppbv		21.5	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.13	0.20	0.027	ppbv	J	0.56	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.32	0.20	0.024	ppbv		1.3	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	5.5	0.20	0.022	ppbv		19	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.1	0.20	0.055	ppbv		2.7	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.29	0.20	0.027	ppbv		1.0	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.58	0.20	0.030	ppbv		1.7	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.12	0.20	0.037	ppbv	J	0.49	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.17	0.20	0.021	ppbv	J	0.79	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	8.9	0.20	0.025	ppbv		34	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.20	0.20	0.059	ppbv		0.87	0.87	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.20	0.20	0.026	ppbv		0.87	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-4
Lab Sample ID: JA63988-4
Matrix: AIR - Air Summa ID: A171
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29452.D	1	12/17/10	YMH	n/a	n/a	VW1210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	17.7	0.20	0.061	ppbv		42.0	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.52	0.20	0.049	ppbv		1.7	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.47	0.20	0.053	ppbv		0.97	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.41	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	1.5	0.20	0.031	ppbv		5.9	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-4
Lab Sample ID: JA63988-4 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A171 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	13.3	0.50	0.17	ppbv		25.1	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.23	0.20	0.027	ppbv		1.0	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.23	0.20	0.024	ppbv		0.94	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.32	0.20	0.022	ppbv		1.1	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.4	0.20	0.055	ppbv		3.4	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.9	0.20	0.030	ppbv		12	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.38	0.20	0.027	ppbv		1.9	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.099	0.20	0.027	ppbv	J	0.49	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.21	0.20	0.021	ppbv		0.98	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	1.8	0.20	0.057	ppbv		5.3	0.59	ug/m3
108-88-3	92.14	Toluene	1.1	0.20	0.025	ppbv		4.1	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.14	0.040	0.024	ppbv		0.75	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.20	0.20	0.032	ppbv		1.1	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.62	0.20	0.059	ppbv		2.7	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.24	0.20	0.026	ppbv		1.0	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.86	0.20	0.026	ppbv		3.7	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-5
Lab Sample ID: JA63988-5
Matrix: AIR - Air Summa ID: A735
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29453.D	1	12/17/10	YMH	n/a	n/a	VW1210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	32.7	0.20	0.061	ppbv		77.7	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.50	0.20	0.049	ppbv		1.6	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.47	0.20	0.053	ppbv		0.97	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.40	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.54	0.20	0.031	ppbv		2.1	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-5
Lab Sample ID: JA63988-5
Matrix: AIR - Air Summa ID: A735
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	63.0	0.50	0.17	ppbv	E	119	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.19	0.20	0.027	ppbv	J	0.83	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	1.9	0.20	0.024	ppbv		7.8	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.31	0.20	0.022	ppbv		1.1	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	2.8	0.20	0.055	ppbv		6.9	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.21	0.20	0.027	ppbv		0.73	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.56	0.20	0.030	ppbv		1.7	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	5.3	0.50	0.096	ppbv		9.1	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.28	0.20	0.027	ppbv		1.4	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.22	0.20	0.021	ppbv		1.0	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.051	0.040	0.040	ppbv		0.35	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.12	0.20	0.057	ppbv	J	0.35	0.59	ug/m3
108-88-3	92.14	Toluene	1.2	0.20	0.025	ppbv		4.5	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.13	0.040	0.024	ppbv		0.70	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.22	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.55	0.20	0.059	ppbv		2.4	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.21	0.20	0.026	ppbv		0.91	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.76	0.20	0.026	ppbv		3.3	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-1
Lab Sample ID: JA63988-6
Matrix: AIR - Air Summa ID: A849
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29454.D	1	12/17/10	YMH	n/a	n/a	VW1210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.2	0.20	0.061	ppbv		5.2	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.38	0.20	0.049	ppbv		1.2	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.35	0.20	0.053	ppbv		0.72	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.40	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	3.7	0.20	0.031	ppbv		15	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-1
Lab Sample ID: JA63988-6
Matrix: AIR - Air Summa ID: A849
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	5.2	0.50	0.17	ppbv		9.8	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.15	0.20	0.027	ppbv	J	0.65	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.13	0.20	0.024	ppbv	J	0.53	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.24	0.20	0.022	ppbv		0.85	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.68	0.20	0.030	ppbv		2.0	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	1.8	0.50	0.096	ppbv		3.1	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.20	0.20	0.027	ppbv		0.98	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.14	0.20	0.021	ppbv	J	0.65	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.70	0.20	0.057	ppbv		2.1	0.59	ug/m3
108-88-3	92.14	Toluene	0.71	0.20	0.025	ppbv		2.7	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.15	0.040	0.024	ppbv		0.81	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.42	0.20	0.059	ppbv		1.8	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.16	0.20	0.026	ppbv	J	0.69	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.57	0.20	0.026	ppbv		2.5	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-2
Lab Sample ID: JA63988-7
Matrix: AIR - Air Summa ID: A377
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29455.D	1	12/17/10	YMH	n/a	n/a	VW1210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	4.3	0.20	0.061	ppbv		10	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.37	0.20	0.049	ppbv		1.2	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.33	0.20	0.053	ppbv		0.68	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.41	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	5.0	0.20	0.031	ppbv		20	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-2
Lab Sample ID: JA63988-7
Matrix: AIR - Air Summa ID: A377
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	6.3	0.50	0.17	ppbv		12	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.13	0.20	0.027	ppbv	J	0.56	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.13	0.20	0.024	ppbv	J	0.53	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.23	0.20	0.022	ppbv		0.81	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.44	0.20	0.055	ppbv		1.1	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.88	0.20	0.030	ppbv		2.6	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	1.7	0.50	0.096	ppbv		2.9	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.20	0.20	0.027	ppbv		0.98	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.13	0.20	0.021	ppbv	J	0.61	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.068	0.040	0.040	ppbv		0.46	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.45	0.20	0.057	ppbv		1.3	0.59	ug/m3
108-88-3	92.14	Toluene	0.70	0.20	0.025	ppbv		2.6	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.23	0.040	0.024	ppbv		1.2	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.39	0.20	0.059	ppbv		1.7	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.15	0.20	0.026	ppbv	J	0.65	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.54	0.20	0.026	ppbv		2.3	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-3
Lab Sample ID: JA63988-8
Matrix: AIR - Air Summa ID: A880
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29456.D	1	12/17/10	YMH	n/a	n/a	VW1210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.6	0.20	0.061	ppbv		6.2	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.34	0.20	0.049	ppbv		1.1	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.32	0.20	0.053	ppbv		0.66	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.41	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	4.1	0.20	0.031	ppbv		16	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-3
Lab Sample ID: JA63988-8 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A880 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	4.8	0.50	0.17	ppbv		9.0	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.11	0.20	0.027	ppbv	J	0.48	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.12	0.20	0.024	ppbv	J	0.49	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.21	0.20	0.022	ppbv		0.74	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.38	0.20	0.055	ppbv		0.93	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.45	0.20	0.030	ppbv		1.3	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	1.6	0.50	0.096	ppbv		2.7	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.16	0.20	0.027	ppbv	J	0.79	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.12	0.20	0.021	ppbv	J	0.56	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.26	0.20	0.057	ppbv		0.77	0.59	ug/m3
108-88-3	92.14	Toluene	0.57	0.20	0.025	ppbv		2.1	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.16	0.040	0.024	ppbv		0.86	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.32	0.20	0.059	ppbv		1.4	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.13	0.20	0.026	ppbv	J	0.56	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.45	0.20	0.026	ppbv		2.0	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-7
Lab Sample ID: JA63988-9
Matrix: AIR - Air Summa ID: A326
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29466.D	1	12/17/10	YMH	n/a	n/a	VW1211
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.62	0.20	0.049	ppbv		2.0	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.44	0.20	0.053	ppbv		0.91	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	0.16	0.20	0.042	ppbv	J	0.55	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.38	0.20	0.073	ppbv		1.9	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.14	0.20	0.031	ppbv	J	0.56	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-7
Lab Sample ID: JA63988-9
Matrix: AIR - Air Summa ID: A326
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	11.0	0.50	0.17	ppbv		20.7	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.28	0.20	0.027	ppbv		1.2	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.14	0.20	0.024	ppbv	J	0.69	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.36	0.20	0.024	ppbv		1.5	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	1.1	0.20	0.022	ppbv		3.9	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.45	0.20	0.027	ppbv		1.6	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.35	0.20	0.030	ppbv		1.0	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	1.4	0.50	0.096	ppbv		2.4	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.77	0.20	0.027	ppbv		3.8	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.21	0.20	0.027	ppbv		1.0	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.50	0.20	0.021	ppbv		2.3	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	1.8	0.20	0.025	ppbv		6.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.20	0.20	0.032	ppbv		1.1	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.97	0.20	0.059	ppbv		4.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.38	0.20	0.026	ppbv		1.7	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.4	0.20	0.026	ppbv		6.1	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-8
Lab Sample ID: JA63988-10
Matrix: AIR - Air Summa ID: A020
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29467.D	1	12/17/10	YMH	n/a	n/a	VW1211
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.74	0.20	0.049	ppbv		2.4	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.48	0.20	0.053	ppbv		0.99	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.39	0.20	0.073	ppbv		1.9	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.12	0.20	0.031	ppbv	J	0.48	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-8
Lab Sample ID: JA63988-10 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A020 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	13.0	0.50	0.17	ppbv		24.5	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.34	0.20	0.027	ppbv		1.5	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.17	0.20	0.024	ppbv	J	0.84	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.45	0.20	0.024	ppbv		1.8	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	1.4	0.20	0.022	ppbv		4.9	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	84.94	Methylene chloride	1.4	0.20	0.027	ppbv		4.9	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.56	0.20	0.030	ppbv		1.7	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	1.6	0.50	0.096	ppbv		2.7	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.73	0.20	0.027	ppbv		3.6	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.22	0.20	0.027	ppbv		1.1	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.49	0.20	0.021	ppbv		2.3	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	2.7	0.20	0.025	ppbv		10	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	1.1	0.20	0.059	ppbv		4.8	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.42	0.20	0.026	ppbv		1.8	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.5	0.20	0.026	ppbv		6.5	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-10
Lab Sample ID: JA63988-11
Matrix: AIR - Air Summa ID: A351
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29468.D	1	12/17/10	YMH	n/a	n/a	VW1211
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.4	0.20	0.061	ppbv		8.1	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	1.1	0.20	0.049	ppbv		3.5	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.45	0.20	0.053	ppbv		0.93	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.40	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.58	0.20	0.031	ppbv		2.3	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-10
Lab Sample ID: JA63988-11 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A351 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	86.1	0.50	0.17	ppbv	E	162	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.29	0.20	0.027	ppbv		1.3	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.12	0.20	0.024	ppbv	J	0.59	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.31	0.20	0.024	ppbv		1.3	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.50	0.20	0.022	ppbv		1.8	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	6.6	0.20	0.055	ppbv		16	0.49	ug/m3
75-09-2	84.94	Methylene chloride	0.20	0.20	0.027	ppbv		0.69	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.26	0.20	0.030	ppbv		0.77	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.56	0.20	0.027	ppbv		2.8	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.15	0.20	0.027	ppbv	J	0.74	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.50	0.20	0.021	ppbv		2.3	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	1.7	0.20	0.025	ppbv		6.4	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.92	0.20	0.059	ppbv		4.0	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.36	0.20	0.026	ppbv		1.6	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.3	0.20	0.026	ppbv		5.6	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-11
Lab Sample ID: JA63988-12
Matrix: AIR - Air Summa ID: A473
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29469.D	1	12/17/10	YMH	n/a	n/a	VW1211
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.3	0.20	0.061	ppbv		7.8	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	1.4	0.20	0.049	ppbv		4.5	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.47	0.20	0.053	ppbv		0.97	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	0.24	0.20	0.042	ppbv		0.83	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.42	0.20	0.073	ppbv		2.1	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.55	0.20	0.031	ppbv		2.2	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-11
Lab Sample ID: JA63988-12 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A473 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	80.7	0.50	0.17	ppbv	E	152	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.53	0.20	0.027	ppbv		2.3	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.27	0.20	0.024	ppbv		1.3	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.53	0.20	0.024	ppbv		2.2	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.69	0.20	0.022	ppbv		2.4	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	6.1	0.20	0.055	ppbv		15	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.29	0.20	0.030	ppbv		0.86	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	0.11	0.20	0.027	ppbv	J	0.47	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	1.2	0.20	0.027	ppbv		5.9	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.33	0.20	0.027	ppbv		1.6	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.92	0.20	0.021	ppbv		4.3	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	3.0	0.20	0.025	ppbv		11	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.23	0.20	0.032	ppbv		1.3	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	1.7	0.20	0.059	ppbv		7.4	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.70	0.20	0.026	ppbv		3.0	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	2.4	0.20	0.026	ppbv		10	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-12
Lab Sample ID: JA63988-13
Matrix: AIR - Air Summa ID: A887
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29470.D	1	12/17/10	YMH	n/a	n/a	VW1211
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	3.1	0.20	0.061	ppbv		7.4	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	1.1	0.20	0.049	ppbv		3.5	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.43	0.20	0.053	ppbv		0.89	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.39	0.20	0.073	ppbv		1.9	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	0.46	0.20	0.031	ppbv		1.8	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-12
Lab Sample ID: JA63988-13 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A887 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	93.7	0.50	0.17	ppbv	E	177	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.35	0.20	0.027	ppbv		1.5	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.16	0.20	0.024	ppbv	J	0.79	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.34	0.20	0.024	ppbv		1.4	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.48	0.20	0.022	ppbv		1.7	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	8.2	0.20	0.055	ppbv		20	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.23	0.20	0.030	ppbv		0.68	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.71	0.20	0.027	ppbv		3.5	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.20	0.20	0.027	ppbv		0.98	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.56	0.20	0.021	ppbv		2.6	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.12	0.20	0.039	ppbv	J	0.36	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	1.9	0.20	0.025	ppbv		7.2	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	1.1	0.20	0.059	ppbv		4.8	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.44	0.20	0.026	ppbv		1.9	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	1.5	0.20	0.026	ppbv		6.5	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-6
Lab Sample ID: JA63988-14
Matrix: AIR - Air Summa ID: A375
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29471.D	1	12/17/10	YMH	n/a	n/a	VW1211
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.2	0.20	0.061	ppbv		5.2	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.27	0.20	0.049	ppbv		0.86	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.46	0.20	0.053	ppbv		0.95	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.39	0.20	0.073	ppbv		1.9	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-6
Lab Sample ID: JA63988-14 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A375 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	5.3	0.50	0.17	ppbv		10	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	88	Ethyl Acetate	1.3	0.20	0.077	ppbv		4.7	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.11	0.20	0.024	ppbv	J	0.45	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.16	0.20	0.022	ppbv	J	0.56	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.36	0.20	0.055	ppbv		0.88	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.22	0.20	0.030	ppbv		0.65	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.12	0.20	0.027	ppbv	J	0.59	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	92.14	Toluene	0.49	0.20	0.025	ppbv		1.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.20	0.20	0.032	ppbv		1.1	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.22	0.20	0.059	ppbv		0.96	0.87	ug/m3
95-47-6	106.2	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.22	0.20	0.026	ppbv		0.96	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-9
Lab Sample ID: JA63988-15
Matrix: AIR - Air Summa ID: A251
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29473.D	1.65	12/17/10	YMH	n/a	n/a	VW1211
Run #2							

	Initial Volume
Run #1	660 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	20.8	0.20	0.061	ppbv		49.4	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.37	0.20	0.049	ppbv		1.2	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.49	0.20	0.053	ppbv		1.0	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.40	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AS-9
Lab Sample ID: JA63988-15 **Date Sampled:** 12/10/10
Matrix: AIR - Air Summa ID: A251 **Date Received:** 12/14/10
Method: TO-15 **Percent Solids:** n/a
Project: Lafarge East Point Air Sampling

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	10.1	0.50	0.17	ppbv		19.0	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.14	0.20	0.027	ppbv	J	0.61	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.15	0.20	0.024	ppbv	J	0.61	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.30	0.20	0.022	ppbv		1.1	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.60	0.20	0.055	ppbv		1.5	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.1	0.20	0.030	ppbv		6.2	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.12	0.20	0.027	ppbv	J	0.59	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.21	0.20	0.021	ppbv		0.98	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.41	0.20	0.057	ppbv		1.2	0.59	ug/m3
108-88-3	92.14	Toluene	0.71	0.20	0.025	ppbv		2.7	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.36	0.20	0.059	ppbv		1.6	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.14	0.20	0.026	ppbv	J	0.61	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.51	0.20	0.026	ppbv		2.2	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-16 DUP
Lab Sample ID: JA63988-16
Matrix: AIR - Air Summa ID: A336
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W29474.D	1	12/17/10	YMH	n/a	n/a	VW1211
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	2.1	0.20	0.061	ppbv		5.0	0.48	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	78.11	Benzene	0.38	0.20	0.049	ppbv		1.2	0.64	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	50.49	Chloromethane	0.37	0.20	0.053	ppbv		0.76	0.41	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.41	0.20	0.073	ppbv		2.0	0.99	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	3.7	0.20	0.031	ppbv		15	0.79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@594640 11:15 04-Jan-2011

Report of Analysis

Client Sample ID: AS-16 DUP
Lab Sample ID: JA63988-16
Matrix: AIR - Air Summa ID: A336
Method: TO-15
Project: Lafarge East Point Air Sampling

Date Sampled: 12/10/10
Date Received: 12/14/10
Percent Solids: n/a

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
64-17-5	46.07	Ethanol	8.1	0.50	0.17	ppbv		15	0.94	ug/m3
100-41-4	106.2	Ethylbenzene	0.14	0.20	0.027	ppbv	J	0.61	0.87	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	100.2	Heptane	0.14	0.20	0.024	ppbv	J	0.57	0.82	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	86.17	Hexane	0.26	0.20	0.022	ppbv		0.92	0.70	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.79	0.20	0.030	ppbv		2.3	0.59	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	42	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.20	0.20	0.027	ppbv		0.98	0.98	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.14	0.20	0.021	ppbv	J	0.65	0.93	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.88	0.20	0.057	ppbv		2.6	0.59	ug/m3
108-88-3	92.14	Toluene	0.74	0.20	0.025	ppbv		2.8	0.75	ug/m3
79-01-6	131.4	Trichloroethylene	0.15	0.040	0.024	ppbv		0.81	0.21	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.032	ppbv		1.2	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	106.2	m,p-Xylene	0.41	0.20	0.059	ppbv		1.8	0.87	ug/m3
95-47-6	106.2	o-Xylene	0.15	0.20	0.026	ppbv	J	0.65	0.87	ug/m3
1330-20-7	106.2	Xylenes (total)	0.56	0.20	0.026	ppbv		2.4	0.87	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

ACCUTEST Laboratories
www.accutest.com

CHAIN OF CUSTODY
Air Sampling Field Data Sheet

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

FED-EX Tracking # 7942 0976 5105
Bottle Order Control # TM-111172010-14
Lab Quote #
Lab Job # TA63988

PAGE 1 OF 2

Client / Reporting Information

Company Name: ARCADIS U.S., INC.
Address: 2849 PACES FERRY ROAD, STE. 400
City: ATLANTA State: GA Zip: 30339
Project Contact: DAVID WILDERMAN E-mail: DAVID.WILDERMAN@ARCADIS-US.COM
Phone #: 770 384 6669 Fax #: 770 435-2666
Sampler(s) Name(s): DAVID WILDERMAN / IVAN JENKINS

Project Name: FORMER LAFAYETTE ROAD MARKING
Street: 2675 N. MARTIN St.
City: EAST POINT State: GA
Project #: GA063865.0004.00010
Client Purchase Order #

Weather Parameters

Temperature (Fahrenheit)
Start: 0700h Maximum: 26
Stop: 1652 Minimum: 56
Atmosphpheric Pressure (inches of Hg)
Start: 30.29 Maximum: ALL DAY
Stop: 30.29 Minimum:
Other weather comment: SUNNY, CALM, COLD, 70% Humid

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Requested Analysis: TO-15TCL
-1	AS-13	I	4459	6L	FC202	12/10/10	0712	-30	54	DW	12/10/10	1513	-7.0	-58		1
-2	AS-14	I	A447	6L	FC162		0716	-30	54	DW		1516	-8.5	-58		1
-3	AS-15	I	A633	6L	FC222		0717	-30	54	DW		1519	-8.5	-58		1
-4	AS-4	I	A171	6L	FC213		0748	-25	72	DW		1404	-1.25	72		1
-5	AS-5	I	A735	6L	FC284		0741	-29	72	DW		1541	-6.7	72		1
-6	AS-1	I	A849	6L	FC199		0801	-29	70	DW		1602	-5.0	70		1
-7	AS-2	I	A377	6L	FC088		0806	-28	66	DW		1606	-6.5	70		1
-8	AS-3	I	A880	6L	FC200		0809	-30	66	DW		1609	-6.9	70		1
-9	AS-7	I	A326	6L	FC144		0821	-30	52	DW		1622	-5.7	58		1
-10	AS-8	I	A020	6L	FC211	12/10/10	0819	-26	52	DW	↓	1619	-3.7	58		1

Turnaround Time (Business Days)

Standard - 15 Days	X
10 Day	
5 Day	
3 Day	
2 Day	
1 Day	
Other	EDD

Approved By:_____
Date:_____

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	✓
Reduced T2	
Full T1	
Other:	

Comments / Remarks

AS-7 stop time is 1622

SUMMA

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Laboratory:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1	Greg Mancuso	11/18/10	1 FedEx	2 FedEx	11-19-10	2
3	Ivan Jenkins	12-13-10 1800	3 Fedex	4 FEDEX	12-14-10 1000	4
5		Date Time:	5 Received by:	Custody Seal #		

TR

JA63988: Chain of Custody
Page 1 of 3

CHAIN OF CUSTODY
Air Sampling Field Data Sheet

ACCUTEST Laboratories
www.accutest.com

2235 US Highway 130, Dayton, NJ 08810
Tel: 732.329.0200 Fax: 732.329.3499

FED-EX Tracking #	Bottle Order Control # TMY-111712010-14	PAGE 2 OF 2
Lab Quote #	Lab Job # JA63988	

Client / Reporting Information

Company Name: ARCADIS U.S., INC	Project Name: FORMER LAFARGE ROAD MARKING
Address: 2849 PACES FERRY ROAD, STE 400	Street: 2675 N. MAIN ST.
City: ATLANTA State: GA Zip: 30339	City: EAST POINT State: GA
Project Contact: DAVID WILDERMAN E-mail: DAVID.WILDERMAN@ARCADIS-US.COM	Project #: GA003865.0004.00010
Phone #: 770 384 6669 Fax #: 770 435 2666	Client Purchase Order #
Sampler(s) Name(s): DAVID WILDERMAN / JUAN JENKINS	

Weather Parameters

Temperature (Fahrenheit)
Start: 0700 h Maximum: 76
Stop: 1652 h Minimum: 56

Atmospheric Pressure (Inches of Hg)
Start: 30.29 Maximum: ALL DAY
Stop: 30.29 Minimum:

Other weather comment: Sunny, Still, 70% Humidity, Comfortable

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24 hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	TO-15 TCL
-11	AS-10	I	A351	6L	FC243	12/10/10	0832	-30	52	JH	12-10-10	1632	-6.1	60	JH	1
-12	AS-11	I	A473	6L	FC165	"	0835	-30	52	JH	"	1635	-7.2	51	JH	1
-13	AS-12	I	A587	6L	FC058	"	0838	-30	52	JH	"	1638	-8.0	51	JH	1
-14	AS-6	A	A375	6L	FC215	"	0851	-28	32	JH	"	1652	-2.7	60	JH	1
-15	AS-9	A	A251	6L	FC180	↓	0845	-30	32	JH	"	1646	-12.7	51	JH	1
-16	AS-16 DUP	I	A336	6L	FC201	12/10/10	[illegible]	-30	70	JH	↓	[illegible]	-5.0	60	JH	1

Turnaround Time (Business Days)

Standard - 15 Days	X
10 Day	
5 Day	
3 Day	
2 Day	
1 Day	
Other	EDD

Approved By: _____
Date: _____

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1

Comm A	
Comm B	✓
Reduced T2	
Full T1	
Other:	

Comments / Remarks

Custody Seal 512 = AS-6, 10, 11, 12
Custody " 520 = controlers
Custody Seal 516 = AS-5, 7, 8 + 9
Custody Seal 518 = AS-4, 13, 14 & 15
Custody Seal 514 = AS-1, 2, 3 & 16

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by / Laboratory:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1	Ray Mavorani	11/18/10	FedEx	FedEx	11-19-10	Juan Jenkins
2	Juan Jenkins	1800 12-13-10	Fedex	FEDEX	12-10-10	
3						
4						
5				Custody Seal #		

TMJ

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA63988 **Client:** **Immediate Client Services Action Required:** No

Date / Time Received: 12/14/2010 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 0 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA63988: Chain of Custody
Page 3 of 3

Summa Canister and Flow Controller Log

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling
Received: 12/14/10

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A459	6	29.4	11/17/10	TVW	CP4395	3W19193.D	JA63988-1	12/14/10	TVW	4			1
A447	6	29.4	11/17/10	TVW	CP4395	3W19193.D	JA63988-2	12/14/10	TVW	6.5			1
A633	6	29.4	11/17/10	TVW	CP4385	W28756.D	JA63988-3	12/14/10	TVW	4			1
A171	6	29.4	11/17/10	TVW	CP4398	W28894.D	JA63988-4	12/14/10	TVW	.5			1
A735	6	29.4	11/17/10	TVW	CP4395	3W19193.D	JA63988-5	12/14/10	TVW	6			1
A849	6	29.4	11/17/10	TVW	CP4398	W28894.D	JA63988-6	12/14/10	TVW	5			1
A377	6	29.4	11/17/10	TVW	CP4398	W28894.D	JA63988-7	12/14/10	TVW	5.5			1
A880	6	29.4	11/17/10	TVW	CP4398	W28894.D	JA63988-8	12/14/10	TVW	5.5			1
A326	6	29.4	11/17/10	TVW	CP4397	3W19221.D	JA63988-9	12/14/10	TVW	4			1
A020	6	29.4	11/17/10	TVW	CP4397	3W19221.D	JA63988-10	12/14/10	TVW	4			1
A351	6	29.4	11/17/10	TVW	CP4402	3W19248.D	JA63988-11	12/14/10	TVW	4			1
A473	6	29.4	11/17/10	TVW	CP4398	W28894.D	JA63988-12	12/14/10	TVW	5			1
A887	6	29.4	11/17/10	TVW	CP4402	3W19248.D	JA63988-13	12/14/10	TVW	5			1
A375	6	29.4	11/17/10	TVW	CP4402	3W19248.D	JA63988-14	12/14/10	TVW	2			1
A251	6	29.4	11/17/10	TVW	CP4398	W28894.D	JA63988-15	12/14/10	TVW	10.5		1	1.65
A336	6	29.4	11/17/10	TVW	CP4397	3W19221.D	JA63988-16	12/14/10	TVW	4			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
FC058	11/17/10	TVW	10.2	8	12/14/10	TVW	9.8
FC088	11/17/10	TVW	10.2	8	12/14/10	TVW	10.2
FC144	11/17/10	TVW	10.2	8	12/14/10	TVW	11
FC162	11/17/10	TVW	10.2	8	12/14/10	TVW	10.4
FC165	11/17/10	TVW	10.2	8	12/14/10	TVW	10.2
FC180	11/17/10	TVW	10.2	8	12/14/10	TVW	10.2
FC199	11/17/10	TVW	10.2	8	12/14/10	TVW	10.1
FC200	11/17/10	TVW	10.2	8	12/14/10	TVW	10.1
FC201	11/17/10	TVW	10.2	8	12/14/10	TVW	11.2
FC202	11/17/10	TVW	10.2	8	12/14/10	TVW	10.1
FC211	11/17/10	TVW	10.2	8	12/14/10	TVW	10.8
FC213	11/17/10	TVW	10.2	8	12/14/10	TVW	10.8
FC215	11/17/10	TVW	10.2	8	12/14/10	TVW	10.2
FC222	11/17/10	TVW	10.2	8	12/14/10	TVW	10
FC243	11/17/10	TVW	10.2	8	12/14/10	TVW	9.7
FC284	11/17/10	TVW	10.2	8	12/14/10	TVW	10

Accutest Bottle Order(s):
TM-11/17/2010-14

Summa Canister and Flow Controller Log

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling
Received: 12/14/10

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min

Prep Date	Room Temp(F)	Bar Pres "Hg
11/17/10	66.2	29.59

New Jersey ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1210-MB	W29439.D	1	12/16/10	YMH	n/a	n/a	VW1210

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-1, JA63988-2, JA63988-3, JA63988-4, JA63988-5, JA63988-6, JA63988-7, JA63988-8

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1210-MB	W29439.D	1	12/16/10	YMH	n/a	n/a	VW1210

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-1, JA63988-2, JA63988-3, JA63988-4, JA63988-5, JA63988-6, JA63988-7, JA63988-8

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	65-128%

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1211-MB	W29462.D	1	12/17/10	YMH	n/a	n/a	VW1211

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-9, JA63988-10, JA63988-11, JA63988-12, JA63988-13, JA63988-14, JA63988-15, JA63988-16

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1211-MB	W29462.D	1	12/17/10	YMH	n/a	n/a	VW1211

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-9, JA63988-10, JA63988-11, JA63988-12, JA63988-13, JA63988-14, JA63988-15, JA63988-16

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	65-128%

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1211-MB	W29462.D	1	12/17/10	YMH	n/a	n/a	VW1211

The QC reported here applies to the following samples: **Method:**

JA63988-9, JA63988-10, JA63988-11, JA63988-12, JA63988-13, JA63988-14, JA63988-15, JA63988-16

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1184-MB	W28750.D	1	11/05/10	YMH	n/a	n/a	VW1184

The QC reported here applies to the following samples: **Method:** TO-15

VW1184-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1184-MB	W28750.D	1	11/05/10	YMH	n/a	n/a	VW1184

The QC reported here applies to the following samples: **Method:** TO-15

VW1184-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	90%	65-128%

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W761-MB	3W19170.D	1	11/10/10	YMH	n/a	n/a	V3W761

The QC reported here applies to the following samples: **Method:** TO-15

V3W761-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W761-MB	3W19170.D	1	11/10/10	YMH	n/a	n/a	V3W761

The QC reported here applies to the following samples: **Method:** TO-15

V3W761-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	89%	65-128%

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W762-MB	3W19198.D	1	11/11/10	YMH	n/a	n/a	V3W762

The QC reported here applies to the following samples: **Method:** TO-15

V3W762-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W762-MB	3W19198.D	1	11/11/10	YMH	n/a	n/a	V3W762

The QC reported here applies to the following samples: **Method:** TO-15

V3W762-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	88%	65-128%

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W762-MB	3W19198.D	1	11/11/10	YMH	n/a	n/a	V3W762

The QC reported here applies to the following samples: **Method:**

V3W762-SCC

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W763-MB	3W19226.D	1	11/12/10	YMH	n/a	n/a	V3W763

The QC reported here applies to the following samples: **Method:** TO-15

V3W763-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W763-MB	3W19226.D	1	11/12/10	YMH	n/a	n/a	V3W763

The QC reported here applies to the following samples: **Method:** TO-15

V3W763-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	65-128%

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1189-MB	W28889.D	1	11/12/10	YMH	n/a	n/a	VW1189

The QC reported here applies to the following samples: **Method:** TO-15

VW1189-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1189-MB	W28889.D	1	11/12/10	YMH	n/a	n/a	VW1189

The QC reported here applies to the following samples: **Method:** TO-15

VW1189-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	65-128%

Method Blank Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1189-MB	W28889.D	1	11/12/10	YMH	n/a	n/a	VW1189

The QC reported here applies to the following samples: **Method:**

VW1189-SCC

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile [a]		0	ppbv	

(a) Phenol, Toluene Diisocyanate and Dicyclopentadiene mass spectra are not detected in this chromatographic run.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1210-BS	W29437.D	1	12/16/10	YMH	n/a	n/a	VW1210
VW1210-BSD	W29438.D	1	12/16/10	YMH	n/a	n/a	VW1210

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-1, JA63988-2, JA63988-3, JA63988-4, JA63988-5, JA63988-6, JA63988-7, JA63988-8

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	8.3	83	9.2	92	10	70-130/30
106-99-0	1,3-Butadiene	10	8.2	82	8.2	82	0	70-130/30
71-43-2	Benzene	10	8.3	83	7.8	78	6	70-130/30
75-27-4	Bromodichloromethane	10	8.0	80	7.6	76	5	70-130/30
75-25-2	Bromoform	10	8.9	89	8.2	82	8	70-130/30
74-83-9	Bromomethane	10	8.2	82	8.1	81	1	70-130/30
593-60-2	Bromoethene	10	8.1	81	8.0	80	1	70-130/30
100-44-7	Benzyl Chloride	10	9.9	99	9.7	97	2	70-130/30
75-15-0	Carbon disulfide	10	8.3	83	8.1	81	2	70-130/30
108-90-7	Chlorobenzene	10	9.2	92	8.5	85	8	70-130/30
75-00-3	Chloroethane	10	8.4	84	8.3	83	1	70-130/30
67-66-3	Chloroform	10	8.0	80	7.8	78	3	70-130/30
74-87-3	Chloromethane	10	8.4	84	8.3	83	1	70-130/30
107-05-1	3-Chloropropene	10	8.3	83	8.2	82	1	70-130/30
95-49-8	2-Chlorotoluene	10	9.7	97	9.1	91	6	70-130/30
56-23-5	Carbon tetrachloride	10	7.5	75	7.4	74	1	70-130/30
110-82-7	Cyclohexane	10	8.1	81	7.5	75	8	70-130/30
75-34-3	1,1-Dichloroethane	10	8.4	84	8.3	83	1	70-130/30
75-35-4	1,1-Dichloroethylene	10	7.9	79	7.8	78	1	70-130/30
106-93-4	1,2-Dibromoethane	10	9.3	93	8.6	86	8	70-130/30
107-06-2	1,2-Dichloroethane	10	8.0	80	8.0	80	0	70-130/30
78-87-5	1,2-Dichloropropane	10	8.1	81	7.8	78	4	70-130/30
123-91-1	1,4-Dioxane	10	7.6	76	8.0	80	5	70-130/30
75-71-8	Dichlorodifluoromethane	10	7.6	76	7.4	74	3	70-130/30
124-48-1	Dibromochloromethane	10	8.7	87	8.0	80	8	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	8.2	82	8.0	80	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	8.1	81	8.0	80	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	8.6	86	8.3	83	4	70-130/30
541-73-1	m-Dichlorobenzene	10	10.0	100	9.5	95	5	70-130/30
95-50-1	o-Dichlorobenzene	10	9.7	97	9.2	92	5	70-130/30
106-46-7	p-Dichlorobenzene	10	9.5	95	9.1	91	4	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	8.7	87	8.5	85	2	70-130/30
64-17-5	Ethanol	10	8.2	82	8.7	87	6	70-130/30
100-41-4	Ethylbenzene	10	9.2	92	8.6	86	7	70-130/30
141-78-6	Ethyl Acetate	10	8.1	81	9.0	90	11	70-130/30
622-96-8	4-Ethyltoluene	10	10.2	102	9.8	98	4	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1210-BS	W29437.D	1	12/16/10	YMH	n/a	n/a	VW1210
VW1210-BSD	W29438.D	1	12/16/10	YMH	n/a	n/a	VW1210

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-1, JA63988-2, JA63988-3, JA63988-4, JA63988-5, JA63988-6, JA63988-7, JA63988-8

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	7.7	77	7.6	76	1	70-130/30
76-14-2	Freon 114	10	8.1	81	8.0	80	1	70-130/30
142-82-5	Heptane	10	8.0	80	7.4	74	8	70-130/30
87-68-3	Hexachlorobutadiene	10	8.7	87	8.1	81	7	70-130/30
110-54-3	Hexane	10	8.4	84	8.3	83	1	70-130/30
591-78-6	2-Hexanone	10	8.8	88	8.4	84	5	70-130/30
67-63-0	Isopropyl Alcohol	10	7.9	79	8.4	84	6	70-130/30
75-09-2	Methylene chloride	10	7.9	79	8.0	80	1	70-130/30
78-93-3	Methyl ethyl ketone	10	8.0	80	8.9	89	11	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	8.2	82	8.3	83	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	7.7	77	8.4	84	9	70-130/30
115-07-1	Propylene	10	8.5	85	8.1	81	5	70-130/30
100-42-5	Styrene	10	9.8	98	9.2	92	6	70-130/30
71-55-6	1,1,1-Trichloroethane	10	7.6	76	7.5	75	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.6	96	9.1	91	5	70-130/30
79-00-5	1,1,2-Trichloroethane	10	8.5	85	8.3	83	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	8.7	87	8.2	82	6	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.3	103	10.1	101	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10	100	9.7	97	3	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	8.4	84	7.9	79	6	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	7.6	76	8.4	84	10	70-130/30
127-18-4	Tetrachloroethylene	10	8.8	88	7.9	79	11	70-130/30
109-99-9	Tetrahydrofuran	10	8.3	83	9.2	92	10	70-130/30
108-88-3	Toluene	10	8.4	84	8.1	81	4	70-130/30
79-01-6	Trichloroethylene	10	8.3	83	7.8	78	6	70-130/30
75-69-4	Trichlorofluoromethane	10	7.5	75	7.4	74	1	70-130/30
75-01-4	Vinyl chloride	10	8.4	84	8.3	83	1	70-130/30
108-05-4	Vinyl Acetate	10	8.6	86	9.1	91	6	70-130/30
	m,p-Xylene	20	18.9	95	17.8	89	6	70-130/30
95-47-6	o-Xylene	10	9.6	96	9.0	90	6	70-130/30
1330-20-7	Xylenes (total)	30	28.5	95	26.9	90	6	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	103%	106%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1211-BS	W29460.D	1	12/17/10	YMH	n/a	n/a	VW1211
VW1211-BSD	W29461.D	1	12/17/10	YMH	n/a	n/a	VW1211

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-9, JA63988-10, JA63988-11, JA63988-12, JA63988-13, JA63988-14, JA63988-15, JA63988-16

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	9.7	97	9.9	99	2	70-130/30
106-99-0	1,3-Butadiene	10	9.6	96	9.8	98	2	70-130/30
71-43-2	Benzene	10	9.4	94	9.6	96	2	70-130/30
75-27-4	Bromodichloromethane	10	9.2	92	9.4	94	2	70-130/30
75-25-2	Bromoform	10	9.8	98	9.7	97	1	70-130/30
74-83-9	Bromomethane	10	9.4	94	9.7	97	3	70-130/30
593-60-2	Bromoethene	10	9.2	92	9.5	95	3	70-130/30
100-44-7	Benzyl Chloride	10	11.4	114	11.2	112	2	70-130/30
75-15-0	Carbon disulfide	10	9.6	96	9.8	98	2	70-130/30
108-90-7	Chlorobenzene	10	10.3	103	10.3	103	0	70-130/30
75-00-3	Chloroethane	10	9.8	98	10	100	2	70-130/30
67-66-3	Chloroform	10	9.1	91	9.3	93	2	70-130/30
74-87-3	Chloromethane	10	9.8	98	10.0	100	2	70-130/30
107-05-1	3-Chloropropene	10	9.6	96	9.8	98	2	70-130/30
95-49-8	2-Chlorotoluene	10	11.0	110	10.9	109	1	70-130/30
56-23-5	Carbon tetrachloride	10	8.5	85	8.8	88	3	70-130/30
110-82-7	Cyclohexane	10	9.3	93	9.5	95	2	70-130/30
75-34-3	1,1-Dichloroethane	10	9.8	98	9.9	99	1	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.0	90	9.2	92	2	70-130/30
106-93-4	1,2-Dibromoethane	10	10.5	105	10.4	104	1	70-130/30
107-06-2	1,2-Dichloroethane	10	9.3	93	9.4	94	1	70-130/30
78-87-5	1,2-Dichloropropane	10	9.4	94	9.6	96	2	70-130/30
123-91-1	1,4-Dioxane	10	8.7	87	8.8	88	1	70-130/30
75-71-8	Dichlorodifluoromethane	10	8.6	86	8.8	88	2	70-130/30
124-48-1	Dibromochloromethane	10	9.8	98	9.7	97	1	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.3	93	9.6	96	3	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.2	92	9.4	94	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	9.9	99	10.1	101	2	70-130/30
541-73-1	m-Dichlorobenzene	10	11.2	112	11.3	113	1	70-130/30
95-50-1	o-Dichlorobenzene	10	11.0	110	10.8	108	2	70-130/30
106-46-7	p-Dichlorobenzene	10	11.0	110	10.7	107	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	10	100	10.2	102	2	70-130/30
64-17-5	Ethanol	10	9.7	97	9.3	93	4	70-130/30
100-41-4	Ethylbenzene	10	10.5	105	10.5	105	0	70-130/30
141-78-6	Ethyl Acetate	10	9.2	92	9.9	99	7	70-130/30
622-96-8	4-Ethyltoluene	10	11.5	115	11.5	115	0	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1211-BS	W29460.D	1	12/17/10	YMH	n/a	n/a	VW1211
VW1211-BSD	W29461.D	1	12/17/10	YMH	n/a	n/a	VW1211

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-9, JA63988-10, JA63988-11, JA63988-12, JA63988-13, JA63988-14, JA63988-15, JA63988-16

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	8.6	86	8.9	89	3	70-130/30
76-14-2	Freon 114	10	9.2	92	9.5	95	3	70-130/30
142-82-5	Heptane	10	9.5	95	9.8	98	3	70-130/30
87-68-3	Hexachlorobutadiene	10	10	100	8.2	82	20	70-130/30
110-54-3	Hexane	10	9.8	98	10.2	102	4	70-130/30
591-78-6	2-Hexanone	10	10.5	105	10.5	105	0	70-130/30
67-63-0	Isopropyl Alcohol	10	9.2	92	9.3	93	1	70-130/30
75-09-2	Methylene chloride	10	9.1	91	9.3	93	2	70-130/30
78-93-3	Methyl ethyl ketone	10	9.2	92	9.6	96	4	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	9.6	96	10.1	101	5	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.8	88	9.2	92	4	70-130/30
115-07-1	Propylene	10	9.8	98	10.2	102	4	70-130/30
100-42-5	Styrene	10	11.2	112	11.1	111	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.6	86	8.8	88	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	11.1	111	11.0	110	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10	9.8	98	10	100	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	10.2	102	8.7	87	16	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	11.7	117	11.7	117	0	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	11.1	111	11.2	112	1	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.9	99	10.1	101	2	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	8.7	87	9.0	90	3	70-130/30
127-18-4	Tetrachloroethylene	10	9.8	98	9.7	97	1	70-130/30
109-99-9	Tetrahydrofuran	10	9.5	95	9.9	99	4	70-130/30
108-88-3	Toluene	10	9.5	95	9.8	98	3	70-130/30
79-01-6	Trichloroethylene	10	9.5	95	9.7	97	2	70-130/30
75-69-4	Trichlorofluoromethane	10	8.6	86	8.8	88	2	70-130/30
75-01-4	Vinyl chloride	10	9.8	98	10.0	100	2	70-130/30
108-05-4	Vinyl Acetate	10	9.7	97	10.1	101	4	70-130/30
	m,p-Xylene	20	21.4	107	21.4	107	0	70-130/30
95-47-6	o-Xylene	10	10.8	108	10.8	108	0	70-130/30
1330-20-7	Xylenes (total)	30	32.2	107	32.2	107	0	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	102%	102%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1184-BS	W28748.D	1	11/05/10	YMH	n/a	n/a	VW1184
VW1184-BSD	W28749.D	1	11/05/10	YMH	n/a	n/a	VW1184

The QC reported here applies to the following samples: **Method:** TO-15

VW1184-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	8.6	86	9.5	95	10	70-130/30
106-99-0	1,3-Butadiene	10	9.4	94	10	100	6	70-130/30
71-43-2	Benzene	10	9.5	95	10.3	103	8	70-130/30
75-27-4	Bromodichloromethane	10	10.0	100	10.9	109	9	70-130/30
75-25-2	Bromoform	10	9.3	93	10.5	105	12	70-130/30
74-83-9	Bromomethane	10	9.1	91	9.8	98	7	70-130/30
593-60-2	Bromoethene	10	9.0	90	9.6	96	6	70-130/30
100-44-7	Benzyl Chloride	10	10.8	108	12.1	121	11	70-130/30
75-15-0	Carbon disulfide	10	9.5	95	10.1	101	6	70-130/30
108-90-7	Chlorobenzene	10	9.4	94	10.6	106	12	70-130/30
75-00-3	Chloroethane	10	9.4	94	10	100	6	70-130/30
67-66-3	Chloroform	10	9.6	96	10.2	102	6	70-130/30
74-87-3	Chloromethane	10	9.5	95	10	100	5	70-130/30
107-05-1	3-Chloropropene	10	9.3	93	10.0	100	7	70-130/30
95-49-8	2-Chlorotoluene	10	9.6	96	10.9	109	13	70-130/30
56-23-5	Carbon tetrachloride	10	9.3	93	10	100	7	70-130/30
110-82-7	Cyclohexane	10	9.2	92	10.1	101	9	70-130/30
75-34-3	1,1-Dichloroethane	10	9.7	97	10.2	102	5	70-130/30
75-35-4	1,1-Dichloroethylene	10	8.9	89	9.6	96	8	70-130/30
106-93-4	1,2-Dibromoethane	10	9.7	97	10.8	108	11	70-130/30
107-06-2	1,2-Dichloroethane	10	9.9	99	10.6	106	7	70-130/30
78-87-5	1,2-Dichloropropane	10	9.3	93	10.2	102	9	70-130/30
123-91-1	1,4-Dioxane	10	9.0	90	9.8	98	9	70-130/30
75-71-8	Dichlorodifluoromethane	10	9.5	95	10.1	101	6	70-130/30
124-48-1	Dibromochloromethane	10	9.7	97	10.9	109	12	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.7	97	10.5	105	8	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.5	95	10.2	102	7	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	9.8	98	10.8	108	10	70-130/30
541-73-1	m-Dichlorobenzene	10	10.2	102	11.8	118	15	70-130/30
95-50-1	o-Dichlorobenzene	10	9.9	99	11.4	114	14	70-130/30
106-46-7	p-Dichlorobenzene	10	10.2	102	11.6	116	13	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	10.1	101	11.1	111	9	70-130/30
64-17-5	Ethanol	10	8.2	82	8.6	86	5	70-130/30
100-41-4	Ethylbenzene	10	9.6	96	11.0	110	14	70-130/30
141-78-6	Ethyl Acetate	10	8.9	89	9.7	97	9	70-130/30
622-96-8	4-Ethyltoluene	10	10.2	102	11.7	117	14	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1184-BS	W28748.D	1	11/05/10	YMH	n/a	n/a	VW1184
VW1184-BSD	W28749.D	1	11/05/10	YMH	n/a	n/a	VW1184

The QC reported here applies to the following samples: **Method:** TO-15

VW1184-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	9.0	90	9.6	96	6	70-130/30
76-14-2	Freon 114	10	9.3	93	9.9	99	6	70-130/30
142-82-5	Heptane	10	10.1	101	10.9	109	8	70-130/30
87-68-3	Hexachlorobutadiene	10	10.0	100	9.7	97	3	70-130/30
110-54-3	Hexane	10	9.2	92	9.8	98	6	70-130/30
591-78-6	2-Hexanone	10	10.2	102	10.6	106	4	70-130/30
67-63-0	Isopropyl Alcohol	10	9.0	90	9.5	95	5	70-130/30
75-09-2	Methylene chloride	10	9.1	91	9.7	97	6	70-130/30
78-93-3	Methyl ethyl ketone	10	9.0	90	9.8	98	9	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	9.8	98	10.4	104	6	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.4	84	9.3	93	10	70-130/30
115-07-1	Propylene	10	9.4	94	9.9	99	5	70-130/30
100-42-5	Styrene	10	9.9	99	11.3	113	13	70-130/30
71-55-6	1,1,1-Trichloroethane	10	9.2	92	9.8	98	6	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.6	96	11.1	111	14	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10	100	11.1	111	10	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	12.0	120	11.3	113	6	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.7	107	12.2	122	13	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10.2	102	11.8	118	15	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.7	97	10.4	104	7	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	8.7	87	9.1	91	4	70-130/30
127-18-4	Tetrachloroethylene	10	9.4	94	10.3	103	9	70-130/30
109-99-9	Tetrahydrofuran	10	8.9	89	9.9	99	11	70-130/30
108-88-3	Toluene	10	9.7	97	10.7	107	10	70-130/30
79-01-6	Trichloroethylene	10	9.8	98	10.6	106	8	70-130/30
75-69-4	Trichlorofluoromethane	10	9.0	90	9.7	97	7	70-130/30
75-01-4	Vinyl chloride	10	9.5	95	10.1	101	6	70-130/30
108-05-4	Vinyl Acetate	10	8.9	89	9.9	99	11	70-130/30
	m,p-Xylene	20	19.1	96	21.9	110	14	70-130/30
95-47-6	o-Xylene	10	9.6	96	11.0	110	14	70-130/30
1330-20-7	Xylenes (total)	30	28.7	96	32.9	110	14	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	104%	106%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W761-BS	3W19168.D	1	11/10/10	YMH	n/a	n/a	V3W761
V3W761-BSD	3W19169.D	1	11/10/10	YMH	n/a	n/a	V3W761

The QC reported here applies to the following samples: **Method:** TO-15

V3W761-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	10.6	106	10.1	101	5	70-130/30
106-99-0	1,3-Butadiene	10	10.4	104	10.2	102	2	70-130/30
71-43-2	Benzene	10	10.8	108	10.4	104	4	70-130/30
75-27-4	Bromodichloromethane	10	10.3	103	10.1	101	2	70-130/30
75-25-2	Bromoform	10	10.6	106	10.3	103	3	70-130/30
74-83-9	Bromomethane	10	10.4	104	10.1	101	3	70-130/30
593-60-2	Bromoethene	10	10.8	108	10.7	107	1	70-130/30
100-44-7	Benzyl Chloride	10	10.9	109	10.7	107	2	70-130/30
75-15-0	Carbon disulfide	10	10.8	108	10.6	106	2	70-130/30
108-90-7	Chlorobenzene	10	11.1	111	10.8	108	3	70-130/30
75-00-3	Chloroethane	10	10.2	102	9.8	98	4	70-130/30
67-66-3	Chloroform	10	10.2	102	10	100	2	70-130/30
74-87-3	Chloromethane	10	10.6	106	10.5	105	1	70-130/30
107-05-1	3-Chloropropene	10	11.1	111	10.8	108	3	70-130/30
95-49-8	2-Chlorotoluene	10	10.9	109	10.5	105	4	70-130/30
56-23-5	Carbon tetrachloride	10	9.9	99	9.6	96	3	70-130/30
110-82-7	Cyclohexane	10	9.9	99	9.6	96	3	70-130/30
75-34-3	1,1-Dichloroethane	10	10.2	102	9.7	97	5	70-130/30
75-35-4	1,1-Dichloroethylene	10	10.3	103	10.1	101	2	70-130/30
106-93-4	1,2-Dibromoethane	10	10.8	108	10.6	106	2	70-130/30
107-06-2	1,2-Dichloroethane	10	9.9	99	9.5	95	4	70-130/30
78-87-5	1,2-Dichloropropane	10	10.8	108	10.5	105	3	70-130/30
123-91-1	1,4-Dioxane	10	9.8	98	9.9	99	1	70-130/30
75-71-8	Dichlorodifluoromethane	10	10.2	102	10.1	101	1	70-130/30
124-48-1	Dibromochloromethane	10	10.9	109	10.7	107	2	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	10.9	109	10.5	105	4	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	10.8	108	10.6	106	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	11.3	113	10.8	108	5	70-130/30
541-73-1	m-Dichlorobenzene	10	11.1	111	10.8	108	3	70-130/30
95-50-1	o-Dichlorobenzene	10	10.2	102	10.0	100	2	70-130/30
106-46-7	p-Dichlorobenzene	10	11.3	113	11.0	110	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	10.8	108	10.4	104	4	70-130/30
64-17-5	Ethanol	10	9.1	91	8.8	88	3	70-130/30
100-41-4	Ethylbenzene	10	10.5	105	10.1	101	4	70-130/30
141-78-6	Ethyl Acetate	10	10.3	103	9.8	98	5	70-130/30
622-96-8	4-Ethyltoluene	10	10.5	105	10.2	102	3	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W761-BS	3W19168.D	1	11/10/10	YMH	n/a	n/a	V3W761
V3W761-BSD	3W19169.D	1	11/10/10	YMH	n/a	n/a	V3W761

The QC reported here applies to the following samples: **Method:** TO-15

V3W761-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	10.1	101	9.8	98	3	70-130/30
76-14-2	Freon 114	10	10.2	102	10.0	100	2	70-130/30
142-82-5	Heptane	10	10.1	101	9.8	98	3	70-130/30
87-68-3	Hexachlorobutadiene	10	9.0	90	8.9	89	1	70-130/30
110-54-3	Hexane	10	10.0	100	9.6	96	4	70-130/30
591-78-6	2-Hexanone	10	10.2	102	10.2	102	0	70-130/30
67-63-0	Isopropyl Alcohol	10	9.6	96	9.4	94	2	70-130/30
75-09-2	Methylene chloride	10	10.2	102	10.1	101	1	70-130/30
78-93-3	Methyl ethyl ketone	10	10.4	104	9.8	98	6	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	10.7	107	10.6	106	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.8	88	8.4	84	5	70-130/30
115-07-1	Propylene	10	11.4	114	11.1	111	3	70-130/30
100-42-5	Styrene	10	11.1	111	10.6	106	5	70-130/30
71-55-6	1,1,1-Trichloroethane	10	9.9	99	9.5	95	4	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	10.6	106	10.2	102	4	70-130/30
79-00-5	1,1,2-Trichloroethane	10	11.2	112	10.9	109	3	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	11.3	113	12.1	121	7	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.4	104	10.0	100	4	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10.2	102	9.8	98	4	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.9	99	9.7	97	2	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	10.3	103	10.1	101	2	70-130/30
127-18-4	Tetrachloroethylene	10	11.0	110	10.9	109	1	70-130/30
109-99-9	Tetrahydrofuran	10	10.9	109	10.6	106	3	70-130/30
108-88-3	Toluene	10	10.8	108	10.5	105	3	70-130/30
79-01-6	Trichloroethylene	10	10.6	106	10.3	103	3	70-130/30
75-69-4	Trichlorofluoromethane	10	9.9	99	9.7	97	2	70-130/30
75-01-4	Vinyl chloride	10	10.8	108	10.6	106	2	70-130/30
108-05-4	Vinyl Acetate	10	11.1	111	10.4	104	7	70-130/30
	m,p-Xylene	20	21.5	108	20.8	104	3	70-130/30
95-47-6	o-Xylene	10	10.5	105	10.3	103	2	70-130/30
1330-20-7	Xylenes (total)	30	32.0	107	31.1	104	3	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	101%	99%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W762-BS	3W19196.D	1	11/11/10	YMH	n/a	n/a	V3W762
V3W762-BSD	3W19197.D	1	11/11/10	YMH	n/a	n/a	V3W762

The QC reported here applies to the following samples: **Method:** TO-15

V3W762-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	10.5	105	10.8	108	3	70-130/30
106-99-0	1,3-Butadiene	10	10.2	102	10.2	102	0	70-130/30
71-43-2	Benzene	10	10.1	101	10.2	102	1	70-130/30
75-27-4	Bromodichloromethane	10	9.7	97	9.9	99	2	70-130/30
75-25-2	Bromoform	10	9.3	93	9.9	99	6	70-130/30
74-83-9	Bromomethane	10	9.9	99	9.9	99	0	70-130/30
593-60-2	Bromoethene	10	10.3	103	10.3	103	0	70-130/30
100-44-7	Benzyl Chloride	10	10.4	104	10.8	108	4	70-130/30
75-15-0	Carbon disulfide	10	10.3	103	10.3	103	0	70-130/30
108-90-7	Chlorobenzene	10	9.8	98	10.3	103	5	70-130/30
75-00-3	Chloroethane	10	9.7	97	9.8	98	1	70-130/30
67-66-3	Chloroform	10	9.9	99	10	100	1	70-130/30
74-87-3	Chloromethane	10	10.4	104	10.4	104	0	70-130/30
107-05-1	3-Chloropropene	10	10.6	106	11.0	110	4	70-130/30
95-49-8	2-Chlorotoluene	10	9.8	98	10.4	104	6	70-130/30
56-23-5	Carbon tetrachloride	10	9.4	94	9.6	96	2	70-130/30
110-82-7	Cyclohexane	10	9.4	94	9.4	94	0	70-130/30
75-34-3	1,1-Dichloroethane	10	9.8	98	9.9	99	1	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.6	96	9.9	99	3	70-130/30
106-93-4	1,2-Dibromoethane	10	9.8	98	10.4	104	6	70-130/30
107-06-2	1,2-Dichloroethane	10	9.7	97	9.7	97	0	70-130/30
78-87-5	1,2-Dichloropropane	10	10.1	101	10.3	103	2	70-130/30
123-91-1	1,4-Dioxane	10	9.6	96	9.5	95	1	70-130/30
75-71-8	Dichlorodifluoromethane	10	9.8	98	9.9	99	1	70-130/30
124-48-1	Dibromochloromethane	10	10	100	10.4	104	4	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	10.2	102	10.4	104	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	10.0	100	10.4	104	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	10.3	103	10.5	105	2	70-130/30
541-73-1	m-Dichlorobenzene	10	10.1	101	10.6	106	5	70-130/30
95-50-1	o-Dichlorobenzene	10	9.5	95	9.9	99	4	70-130/30
106-46-7	p-Dichlorobenzene	10	10.3	103	10.9	109	6	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	10.1	101	10.3	103	2	70-130/30
64-17-5	Ethanol	10	9.4	94	9.3	93	1	70-130/30
100-41-4	Ethylbenzene	10	9.5	95	10.0	100	5	70-130/30
141-78-6	Ethyl Acetate	10	10.2	102	10.4	104	2	70-130/30
622-96-8	4-Ethyltoluene	10	9.9	99	10.3	103	4	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W762-BS	3W19196.D	1	11/11/10	YMH	n/a	n/a	V3W762
V3W762-BSD	3W19197.D	1	11/11/10	YMH	n/a	n/a	V3W762

The QC reported here applies to the following samples: **Method:** TO-15

V3W762-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	9.4	94	9.6	96	2	70-130/30
76-14-2	Freon 114	10	9.7	97	9.7	97	0	70-130/30
142-82-5	Heptane	10	9.8	98	9.7	97	1	70-130/30
87-68-3	Hexachlorobutadiene	10	9.0	90	9.2	92	2	70-130/30
110-54-3	Hexane	10	9.7	97	9.6	96	1	70-130/30
591-78-6	2-Hexanone	10	10.4	104	10.2	102	2	70-130/30
67-63-0	Isopropyl Alcohol	10	10	100	9.7	97	3	70-130/30
75-09-2	Methylene chloride	10	9.7	97	10	100	3	70-130/30
78-93-3	Methyl ethyl ketone	10	10.3	103	10.4	104	1	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	11.0	110	10.6	106	4	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.6	86	8.8	88	2	70-130/30
115-07-1	Propylene	10	11.3	113	11.3	113	0	70-130/30
100-42-5	Styrene	10	10.1	101	10.6	106	5	70-130/30
71-55-6	1,1,1-Trichloroethane	10	9.4	94	9.5	95	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.8	98	10.2	102	4	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10.3	103	10.4	104	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	11.6	116	11.9	119	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	9.8	98	10.2	102	4	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	9.5	95	9.9	99	4	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.4	94	9.4	94	0	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	10.7	107	10.3	103	4	70-130/30
127-18-4	Tetrachloroethylene	10	9.7	97	10.3	103	6	70-130/30
109-99-9	Tetrahydrofuran	10	10.8	108	11.0	110	2	70-130/30
108-88-3	Toluene	10	9.7	97	10.2	102	5	70-130/30
79-01-6	Trichloroethylene	10	9.7	97	9.8	98	1	70-130/30
75-69-4	Trichlorofluoromethane	10	9.5	95	9.6	96	1	70-130/30
75-01-4	Vinyl chloride	10	10.3	103	10.3	103	0	70-130/30
108-05-4	Vinyl Acetate	10	10.5	105	10.7	107	2	70-130/30
	m,p-Xylene	20	19.4	97	20.6	103	6	70-130/30
95-47-6	o-Xylene	10	9.6	96	10.2	102	6	70-130/30
1330-20-7	Xylenes (total)	30	29.0	97	30.7	102	6	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	103%	104%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W763-BS	3W19224.D	1	11/12/10	YMH	n/a	n/a	V3W763
V3W763-BSD	3W19225.D	1	11/12/10	YMH	n/a	n/a	V3W763

The QC reported here applies to the following samples: **Method:** TO-15

V3W763-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	10.4	104	10.6	106	2	70-130/30
106-99-0	1,3-Butadiene	10	10.1	101	10	100	1	70-130/30
71-43-2	Benzene	10	9.7	97	9.9	99	2	70-130/30
75-27-4	Bromodichloromethane	10	9.6	96	9.6	96	0	70-130/30
75-25-2	Bromoform	10	8.6	86	9.3	93	8	70-130/30
74-83-9	Bromomethane	10	9.3	93	9.5	95	2	70-130/30
593-60-2	Bromoethene	10	9.6	96	10.0	100	4	70-130/30
100-44-7	Benzyl Chloride	10	10.2	102	10.5	105	3	70-130/30
75-15-0	Carbon disulfide	10	9.8	98	10.1	101	3	70-130/30
108-90-7	Chlorobenzene	10	9.2	92	9.7	97	5	70-130/30
75-00-3	Chloroethane	10	9.4	94	9.4	94	0	70-130/30
67-66-3	Chloroform	10	9.6	96	9.6	96	0	70-130/30
74-87-3	Chloromethane	10	10.2	102	10.1	101	1	70-130/30
107-05-1	3-Chloropropene	10	10.2	102	10.3	103	1	70-130/30
95-49-8	2-Chlorotoluene	10	9.0	90	9.8	98	9	70-130/30
56-23-5	Carbon tetrachloride	10	9.1	91	9.3	93	2	70-130/30
110-82-7	Cyclohexane	10	9.3	93	9.3	93	0	70-130/30
75-34-3	1,1-Dichloroethane	10	9.7	97	9.7	97	0	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.2	92	9.5	95	3	70-130/30
106-93-4	1,2-Dibromoethane	10	9.2	92	9.8	98	6	70-130/30
107-06-2	1,2-Dichloroethane	10	9.6	96	9.5	95	1	70-130/30
78-87-5	1,2-Dichloropropane	10	10	100	10.2	102	2	70-130/30
123-91-1	1,4-Dioxane	10	9.6	96	9.7	97	1	70-130/30
75-71-8	Dichlorodifluoromethane	10	9.7	97	9.6	96	1	70-130/30
124-48-1	Dibromochloromethane	10	9.4	94	9.8	98	4	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.7	97	9.9	99	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.6	96	9.8	98	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	10.1	101	10.3	103	2	70-130/30
541-73-1	m-Dichlorobenzene	10	9.4	94	10.0	100	6	70-130/30
95-50-1	o-Dichlorobenzene	10	8.7	87	9.4	94	8	70-130/30
106-46-7	p-Dichlorobenzene	10	9.6	96	10.3	103	7	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	9.8	98	10.0	100	2	70-130/30
64-17-5	Ethanol	10	9.5	95	9.3	93	2	70-130/30
100-41-4	Ethylbenzene	10	9.0	90	9.5	95	5	70-130/30
141-78-6	Ethyl Acetate	10	10.4	104	10.2	102	2	70-130/30
622-96-8	4-Ethyltoluene	10	9.3	93	9.9	99	6	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W763-BS	3W19224.D	1	11/12/10	YMH	n/a	n/a	V3W763
V3W763-BSD	3W19225.D	1	11/12/10	YMH	n/a	n/a	V3W763

The QC reported here applies to the following samples: **Method:** TO-15

V3W763-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	8.7	87	9.1	91	4	70-130/30
76-14-2	Freon 114	10	9.2	92	9.5	95	3	70-130/30
142-82-5	Heptane	10	9.9	99	9.8	98	1	70-130/30
87-68-3	Hexachlorobutadiene	10	8.8	88	8.9	89	1	70-130/30
110-54-3	Hexane	10	9.5	95	9.5	95	0	70-130/30
591-78-6	2-Hexanone	10	10.3	103	10.4	104	1	70-130/30
67-63-0	Isopropyl Alcohol	10	10.2	102	9.9	99	3	70-130/30
75-09-2	Methylene chloride	10	9.2	92	9.5	95	3	70-130/30
78-93-3	Methyl ethyl ketone	10	10	100	10.1	101	1	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	11.1	111	11.1	111	0	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.5	85	8.7	87	2	70-130/30
115-07-1	Propylene	10	11.3	113	11.1	111	2	70-130/30
100-42-5	Styrene	10	9.4	94	10.0	100	6	70-130/30
71-55-6	1,1,1-Trichloroethane	10	9.3	93	9.5	95	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.4	94	9.8	98	4	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10	100	10.2	102	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	10.8	108	11.7	117	8	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	9.4	94	9.8	98	4	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	8.9	89	9.5	95	7	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.3	93	9.3	93	0	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	10.8	108	10.7	107	1	70-130/30
127-18-4	Tetrachloroethylene	10	8.9	89	9.5	95	7	70-130/30
109-99-9	Tetrahydrofuran	10	10.5	105	10.8	108	3	70-130/30
108-88-3	Toluene	10	9.3	93	9.7	97	4	70-130/30
79-01-6	Trichloroethylene	10	9.3	93	9.6	96	3	70-130/30
75-69-4	Trichlorofluoromethane	10	9.3	93	9.5	95	2	70-130/30
75-01-4	Vinyl chloride	10	10.1	101	10.1	101	0	70-130/30
108-05-4	Vinyl Acetate	10	9.8	98	10	100	2	70-130/30
	m,p-Xylene	20	18.1	91	19.5	98	7	70-130/30
95-47-6	o-Xylene	10	8.9	89	9.7	97	9	70-130/30
1330-20-7	Xylenes (total)	30	27.0	90	29.2	97	8	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	104%	103%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1189-BS	W28887.D	1	11/12/10	YMH	n/a	n/a	VW1189
VW1189-BSD	W28888.D	1	11/12/10	YMH	n/a	n/a	VW1189

The QC reported here applies to the following samples: **Method:** TO-15

VW1189-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	8.9	89	8.2	82	8	70-130/30
106-99-0	1,3-Butadiene	10	9.7	97	8.8	88	10	70-130/30
71-43-2	Benzene	10	9.2	92	9.1	91	1	70-130/30
75-27-4	Bromodichloromethane	10	9.5	95	9.2	92	3	70-130/30
75-25-2	Bromoform	10	8.9	89	8.7	87	2	70-130/30
74-83-9	Bromomethane	10	9.3	93	8.6	86	8	70-130/30
593-60-2	Bromoethene	10	9.1	91	8.3	83	9	70-130/30
100-44-7	Benzyl Chloride	10	10.8	108	10.3	103	5	70-130/30
75-15-0	Carbon disulfide	10	9.7	97	8.9	89	9	70-130/30
108-90-7	Chlorobenzene	10	9.3	93	9.1	91	2	70-130/30
75-00-3	Chloroethane	10	9.6	96	8.8	88	9	70-130/30
67-66-3	Chloroform	10	9.3	93	8.8	88	6	70-130/30
74-87-3	Chloromethane	10	9.7	97	9.0	90	7	70-130/30
107-05-1	3-Chloropropene	10	9.3	93	8.8	88	6	70-130/30
95-49-8	2-Chlorotoluene	10	9.5	95	9.2	92	3	70-130/30
56-23-5	Carbon tetrachloride	10	8.7	87	8.2	82	6	70-130/30
110-82-7	Cyclohexane	10	9.1	91	8.9	89	2	70-130/30
75-34-3	1,1-Dichloroethane	10	9.5	95	9.0	90	5	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.1	91	8.4	84	8	70-130/30
106-93-4	1,2-Dibromoethane	10	9.4	94	9.2	92	2	70-130/30
107-06-2	1,2-Dichloroethane	10	9.3	93	8.8	88	6	70-130/30
78-87-5	1,2-Dichloropropane	10	9.0	90	8.8	88	2	70-130/30
123-91-1	1,4-Dioxane	10	9.5	95	9.2	92	3	70-130/30
75-71-8	Dichlorodifluoromethane	10	9.1	91	8.5	85	7	70-130/30
124-48-1	Dibromochloromethane	10	9.3	93	9.2	92	1	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.8	98	9.2	92	6	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.5	95	8.9	89	7	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	9.5	95	9.2	92	3	70-130/30
541-73-1	m-Dichlorobenzene	10	10.1	101	9.7	97	4	70-130/30
95-50-1	o-Dichlorobenzene	10	9.8	98	9.4	94	4	70-130/30
106-46-7	p-Dichlorobenzene	10	10.0	100	9.7	97	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	9.7	97	9.2	92	5	70-130/30
64-17-5	Ethanol	10	8.6	86	7.7	77	11	70-130/30
100-41-4	Ethylbenzene	10	9.5	95	9.2	92	3	70-130/30
141-78-6	Ethyl Acetate	10	9.4	94	8.8	88	7	70-130/30
622-96-8	4-Ethyltoluene	10	10.2	102	10.0	100	2	70-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1189-BS	W28887.D	1	11/12/10	YMH	n/a	n/a	VW1189
VW1189-BSD	W28888.D	1	11/12/10	YMH	n/a	n/a	VW1189

The QC reported here applies to the following samples: **Method:** TO-15

VW1189-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	8.8	88	8.2	82	7	70-130/30
76-14-2	Freon 114	10	9.2	92	8.5	85	8	70-130/30
142-82-5	Heptane	10	9.8	98	9.6	96	2	70-130/30
87-68-3	Hexachlorobutadiene	10	10.4	104	7.9	79	27	70-130/30
110-54-3	Hexane	10	9.3	93	8.8	88	6	70-130/30
591-78-6	2-Hexanone	10	10.2	102	9.7	97	5	70-130/30
67-63-0	Isopropyl Alcohol	10	9.4	94	8.4	84	11	70-130/30
75-09-2	Methylene chloride	10	9.2	92	8.6	86	7	70-130/30
78-93-3	Methyl ethyl ketone	10	9.4	94	8.9	89	5	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	9.8	98	9.6	96	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.4	84	7.9	79	6	70-130/30
115-07-1	Propylene	10	9.5	95	8.9	89	7	70-130/30
100-42-5	Styrene	10	9.8	98	9.5	95	3	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.7	87	8.2	82	6	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.8	98	9.5	95	3	70-130/30
79-00-5	1,1,2-Trichloroethane	10	9.8	98	9.3	93	5	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	12.4	124	10.4	104	18	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.6	106	10.4	104	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10.2	102	9.9	99	3	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.4	94	9.2	92	2	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	8.8	88	8.1	81	8	70-130/30
127-18-4	Tetrachloroethylene	10	9.0	90	9.0	90	0	70-130/30
109-99-9	Tetrahydrofuran	10	9.1	91	8.8	88	3	70-130/30
108-88-3	Toluene	10	9.4	94	9.0	90	4	70-130/30
79-01-6	Trichloroethylene	10	9.4	94	9.2	92	2	70-130/30
75-69-4	Trichlorofluoromethane	10	8.6	86	7.9	79	8	70-130/30
75-01-4	Vinyl chloride	10	9.8	98	9.0	90	9	70-130/30
108-05-4	Vinyl Acetate	10	9.1	91	8.5	85	7	70-130/30
	m,p-Xylene	20	18.9	95	18.3	92	3	70-130/30
95-47-6	o-Xylene	10	9.6	96	9.3	93	3	70-130/30
1330-20-7	Xylenes (total)	30	28.4	95	27.6	92	3	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	102%	100%	65-128%

Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA63761-1DUP	W29445.D	76.5	12/16/10	YMH	n/a	n/a	VW1210
JA63761-1	W29444.D	76.5	12/16/10	YMH	n/a	n/a	VW1210

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-1, JA63988-2, JA63988-3, JA63988-4, JA63988-5, JA63988-6, JA63988-7, JA63988-8

CAS No.	Compound	JA63761-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	27
106-99-0	1,3-Butadiene	ND		ND		nc	20
71-43-2	Benzene	1710		1540		10	17
75-27-4	Bromodichloromethane	ND		ND		nc	20
75-25-2	Bromoform	ND		ND		nc	20
74-83-9	Bromomethane	ND		ND		nc	20
593-60-2	Bromoethene	ND		ND		nc	30
100-44-7	Benzyl Chloride	ND		ND		nc	20
75-15-0	Carbon disulfide	ND		ND		nc	11
108-90-7	Chlorobenzene	ND		ND		nc	20
75-00-3	Chloroethane	ND		ND		nc	20
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	ND		ND		nc	22
107-05-1	3-Chloropropene	ND		ND		nc	10
95-49-8	2-Chlorotoluene	ND		ND		nc	20
56-23-5	Carbon tetrachloride	ND		ND		nc	10
110-82-7	Cyclohexane	667		603		10	12
75-34-3	1,1-Dichloroethane	ND		ND		nc	20
75-35-4	1,1-Dichloroethylene	ND		ND		nc	20
106-93-4	1,2-Dibromoethane	ND		ND		nc	20
107-06-2	1,2-Dichloroethane	ND		ND		nc	20
78-87-5	1,2-Dichloropropane	ND		ND		nc	20
123-91-1	1,4-Dioxane	ND		ND		nc	20
75-71-8	Dichlorodifluoromethane	ND		ND		nc	22
124-48-1	Dibromochloromethane	ND		ND		nc	20
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	20
541-73-1	m-Dichlorobenzene	ND		ND		nc	20
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	20
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	20
64-17-5	Ethanol	ND		ND		nc	33
100-41-4	Ethylbenzene	4130		3770		9	15
141-78-6	Ethyl Acetate	ND		ND		nc	20
622-96-8	4-Ethyltoluene	1730		1410		20* [a]	13

Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA63761-1DUP	W29445.D	76.5	12/16/10	YMH	n/a	n/a	VW1210
JA63761-1	W29444.D	76.5	12/16/10	YMH	n/a	n/a	VW1210

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-1, JA63988-2, JA63988-3, JA63988-4, JA63988-5, JA63988-6, JA63988-7, JA63988-8

CAS No.	Compound	JA63761-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	10
76-14-2	Freon 114	ND		ND		nc	20
142-82-5	Heptane	2830		2540		11	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	20
110-54-3	Hexane	4230		3910		8	17
591-78-6	2-Hexanone	ND		ND		nc	20
67-63-0	Isopropyl Alcohol	ND		ND		nc	26
75-09-2	Methylene chloride	ND		ND		nc	26
78-93-3	Methyl ethyl ketone	1180		1130		4	21
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	1970		1860		6	20
115-07-1	Propylene	ND		ND		nc	16
100-42-5	Styrene	ND		ND		nc	11
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	20
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	20
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	20
95-63-6	1,2,4-Trimethylbenzene	5390		4960		8	19
108-67-8	1,3,5-Trimethylbenzene	1820		1680		8	13
540-84-1	2,2,4-Trimethylpentane	25100	E	22500	E	11	18
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	21
127-18-4	Tetrachloroethylene	ND		ND		nc	17
109-99-9	Tetrahydrofuran	ND		ND		nc	20
108-88-3	Toluene	23800	E	21400	E	11	20
79-01-6	Trichloroethylene	ND		ND		nc	13
75-69-4	Trichlorofluoromethane	ND		ND		nc	21
75-01-4	Vinyl chloride	ND		ND		nc	20
108-05-4	Vinyl Acetate	ND		ND		nc	20
	m,p-Xylene	22800		20700		10	26
95-47-6	o-Xylene	8950		8160		9	20
1330-20-7	Xylenes (total)	31700		28900		9	26

CAS No.	Surrogate Recoveries	DUP	JA63761-1	Limits
460-00-4	4-Bromofluorobenzene	100%	99%	65-128%

Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA63761-1DUP	W29445.D	76.5	12/16/10	YMH	n/a	n/a	VW1210
JA63761-1	W29444.D	76.5	12/16/10	YMH	n/a	n/a	VW1210

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-1, JA63988-2, JA63988-3, JA63988-4, JA63988-5, JA63988-6, JA63988-7, JA63988-8

(a) Outside in house control limits.

Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA63988-14DUP	W29472.D	1	12/17/10	YMH	n/a	n/a	VW1211
JA63988-14	W29471.D	1	12/17/10	YMH	n/a	n/a	VW1211

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-9, JA63988-10, JA63988-11, JA63988-12, JA63988-13, JA63988-14, JA63988-15, JA63988-16

CAS No.	Compound	JA63988-14 ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone	2.2		2.2		0	27
106-99-0	1,3-Butadiene	ND		ND		nc	20
71-43-2	Benzene	0.27		0.27		0	17
75-27-4	Bromodichloromethane	ND		ND		nc	20
75-25-2	Bromoform	ND		ND		nc	20
74-83-9	Bromomethane	ND		ND		nc	20
593-60-2	Bromoethene	ND		ND		nc	30
100-44-7	Benzyl Chloride	ND		ND		nc	20
75-15-0	Carbon disulfide	ND		ND		nc	11
108-90-7	Chlorobenzene	ND		ND		nc	20
75-00-3	Chloroethane	ND		ND		nc	20
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	0.46		0.49		6	22
107-05-1	3-Chloropropene	ND		ND		nc	10
95-49-8	2-Chlorotoluene	ND		ND		nc	20
56-23-5	Carbon tetrachloride	ND		ND		nc	10
110-82-7	Cyclohexane	ND		ND		nc	12
75-34-3	1,1-Dichloroethane	ND		ND		nc	20
75-35-4	1,1-Dichloroethylene	ND		ND		nc	20
106-93-4	1,2-Dibromoethane	ND		ND		nc	20
107-06-2	1,2-Dichloroethane	ND		ND		nc	20
78-87-5	1,2-Dichloropropane	ND		ND		nc	20
123-91-1	1,4-Dioxane	ND		ND		nc	20
75-71-8	Dichlorodifluoromethane	0.39		0.41		5	22
124-48-1	Dibromochloromethane	ND		ND		nc	20
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	20
541-73-1	m-Dichlorobenzene	ND		ND		nc	20
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	20
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	20
64-17-5	Ethanol	5.3		6.8		25	33
100-41-4	Ethylbenzene	ND		ND		nc	15
141-78-6	Ethyl Acetate	1.3		1.3		0	20
622-96-8	4-Ethyltoluene	ND		ND		nc	13

Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA63988-14DUP	W29472.D	1	12/17/10	YMH	n/a	n/a	VW1211
JA63988-14	W29471.D	1	12/17/10	YMH	n/a	n/a	VW1211

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-9, JA63988-10, JA63988-11, JA63988-12, JA63988-13, JA63988-14, JA63988-15, JA63988-16

CAS No.	Compound	JA63988-14 ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	10
76-14-2	Freon 114	ND		ND		nc	20
142-82-5	Heptane	0.11	J	0.11	J	0	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	20
110-54-3	Hexane	0.16	J	0.20		22* [a]	17
591-78-6	2-Hexanone	ND		ND		nc	20
67-63-0	Isopropyl Alcohol	0.36		0.38		5	26
75-09-2	Methylene chloride	ND		ND		nc	26
78-93-3	Methyl ethyl ketone	0.22		0.22		0	21
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	20
115-07-1	Propylene	ND		ND		nc	16
100-42-5	Styrene	ND		ND		nc	11
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	20
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	20
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	20
95-63-6	1,2,4-Trimethylbenzene	0.12	J	0.12	J	0	19
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	13
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	18
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	21
127-18-4	Tetrachloroethylene	ND		ND		nc	17
109-99-9	Tetrahydrofuran	ND		ND		nc	20
108-88-3	Toluene	0.49		0.48		2	20
79-01-6	Trichloroethylene	ND		ND		nc	13
75-69-4	Trichlorofluoromethane	0.20		0.21		5	21
75-01-4	Vinyl chloride	ND		ND		nc	20
108-05-4	Vinyl Acetate	ND		ND		nc	20
	m,p-Xylene	0.22		0.22		0	26
95-47-6	o-Xylene	ND		ND		nc	20
1330-20-7	Xylenes (total)	0.22		0.22		0	26

CAS No.	Surrogate Recoveries	DUP	JA63988-14	Limits
460-00-4	4-Bromofluorobenzene	97%	96%	65-128%

Duplicate Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA63988-14DUP	W29472.D	1	12/17/10	YMH	n/a	n/a	VW1211
JA63988-14	W29471.D	1	12/17/10	YMH	n/a	n/a	VW1211

The QC reported here applies to the following samples: **Method:** TO-15

JA63988-9, JA63988-10, JA63988-11, JA63988-12, JA63988-13, JA63988-14, JA63988-15, JA63988-16

(a) Outside in house control limits.

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1184-SCC	W28756.D	1	11/05/10	YMH	n/a	n/a	VW1184

The QC reported here (Summa A358) applies to the following samples: **Method:** TO-15

Batch CP4385 cleaned 11/02/10: JA63988-3(A633)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1184-SCC	W28756.D	1	11/05/10	YMH	n/a	n/a	VW1184

The QC reported here (Summa A358) applies to the following samples: **Method:** TO-15

Batch CP4385 cleaned 11/02/10: JA63988-3(A633)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	65-128%

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W761-SCC	3W19193.D	1	11/11/10	YMH	n/a	n/a	V3W761

The QC reported here (Summa A837) applies to the following samples: **Method:** TO-15

Batch CP4395 cleaned 11/09/10: JA63988-1(A459), JA63988-2(A447), JA63988-5(A735)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W761-SCC	3W19193.D	1	11/11/10	YMH	n/a	n/a	V3W761

The QC reported here (Summa A837) applies to the following samples: **Method:** TO-15

Batch CP4395 cleaned 11/09/10: JA63988-1(A459), JA63988-2(A447), JA63988-5(A735)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	94%	65-128%

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W762-SCC	3W19221.D	1	11/12/10	YMH	n/a	n/a	V3W762

The QC reported here (Summa A226) applies to the following samples: **Method:** TO-15

Batch CP4397 cleaned 11/09/10: JA63988-9(A326), JA63988-10(A020), JA63988-16(A336)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W762-SCC	3W19221.D	1	11/12/10	YMH	n/a	n/a	V3W762

The QC reported here (Summa A226) applies to the following samples: **Method:** TO-15

Batch CP4397 cleaned 11/09/10: JA63988-9(A326), JA63988-10(A020), JA63988-16(A336)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	89%	65-128%

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1189-SCC	W28894.D	1	11/12/10	YMH	n/a	n/a	VW1189

The QC reported here (Summa A856) applies to the following samples: **Method:** TO-15

Batch CP4398 cleaned 11/09/10: JA63988-4(A171), JA63988-6(A849), JA63988-7(A377), JA63988-8(A880), JA63988-12(A473), JA63988-15(A251)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW1189-SCC	W28894.D	1	11/12/10	YMH	n/a	n/a	VW1189

The QC reported here (Summa A856) applies to the following samples: **Method:** TO-15

Batch CP4398 cleaned 11/09/10: JA63988-4(A171), JA63988-6(A849), JA63988-7(A377), JA63988-8(A880), JA63988-12(A473), JA63988-15(A251)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	88%	65-128%

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W763-SCC	3W19248.D	1	11/13/10	YMH	n/a	n/a	V3W763

The QC reported here (Summa A340) applies to the following samples: **Method:** TO-15

Batch CP4402 cleaned 11/10/10: JA63988-11(A351), JA63988-13(A887), JA63988-14(A375)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.061	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.028	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.049	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.025	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.026	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.034	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.029	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.031	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.050	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.026	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.053	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.035	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.023	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.042	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.025	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.024	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.024	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.054	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.040	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.073	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.082	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.035	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.031	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.022	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.032	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.027	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.079	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.17	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.027	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.077	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.024	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W763-SCC	3W19248.D	1	11/13/10	YMH	n/a	n/a	V3W763

The QC reported here (Summa A340) applies to the following samples: **Method:** TO-15

Batch CP4402 cleaned 11/10/10: JA63988-11(A351), JA63988-13(A887), JA63988-14(A375)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.026	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.029	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.024	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.060	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.022	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.043	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.055	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.027	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.030	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.037	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.043	ppbv		ND	0.72	ug/m3
115-07-1	Propylene	ND	0.50	0.096	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.027	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.025	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.027	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.039	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.040	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.057	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.025	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.024	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.032	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.029	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.13	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.059	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.026	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.026	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	87%	65-128%

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	V3W752-BFB	**Injection Date:**	10/28/10
Lab File ID:	3W18942.D	**Injection Time:**	19:30
Instrument ID:	GCMS3W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	6725	18.4		Pass
75	30.0 - 66.0% of mass 95	16996	46.5		Pass
95	Base peak, 100% relative abundance	36528	100.0		Pass
96	5.0 - 9.0% of mass 95	2517	6.89		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	33472	91.6		Pass
175	4.0 - 9.01% of mass 174	2690	7.36	(8.04) [a]	Pass
176	93.0 - 101.0% of mass 174	32277	88.4	(96.4) [a]	Pass
177	5.0 - 9.0% of mass 176	2117	5.80	(6.56) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W752-ICC752	3W18943.D	10/28/10	20:09	00:39	Initial cal 10
V3W752-IC752	3W18945.D	10/28/10	22:04	02:34	Initial cal 5.0
V3W752-IC752	3W18946.D	10/28/10	22:43	03:13	Initial cal 0.2
V3W752-IC752	3W18947.D	10/28/10	23:22	03:52	Initial cal 20
V3W752-IC752	3W18949.D	10/29/10	00:40	05:10	Initial cal 0.1
V3W752-IC752	3W18950.D	10/29/10	01:18	05:48	Initial cal 0.04
V3W752-IC752	3W18951.D	10/29/10	02:36	07:06	Initial cal 5.0
V3W752-IC752	3W18952.D	10/29/10	03:15	07:45	Initial cal 10
V3W752-IC752	3W18953.D	10/29/10	03:56	08:26	Initial cal 40
V3W752-IC752	3W18954.D	10/29/10	04:35	09:05	Initial cal 0.5
V3W752-IC752	3W18955.D	10/29/10	05:13	09:43	Initial cal 0.2
V3W752-IC752	3W18957.D	10/29/10	06:32	11:02	Initial cal 20
V3W752-IC752	3W18958.D	10/29/10	07:13	11:43	Initial cal 40
V3W752-IC752	3W18959.D	10/29/10	09:07	13:37	Initial cal 0.5

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	V3W761-BFB	**Injection Date:**	11/10/10
Lab File ID:	3W19166.D	**Injection Time:**	09:23
Instrument ID:	GCMS3W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	6842	16.5		Pass
75	30.0 - 66.0% of mass 95	18538	44.6		Pass
95	Base peak, 100% relative abundance	41536	100.0		Pass
96	5.0 - 9.0% of mass 95	2794	6.73		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	40722	98.0		Pass
175	4.0 - 9.01% of mass 174	3352	8.07	(8.23) [a]	Pass
176	93.0 - 101.0% of mass 174	39997	96.3	(98.2) [a]	Pass
177	5.0 - 9.0% of mass 176	2479	5.97	(6.20) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W761-CC752	3W19167.D	11/10/10	10:02	00:39	Continuing cal 10
V3W761-BS	3W19168.D	11/10/10	10:41	01:18	Blank Spike
V3W761-BSD	3W19169.D	11/10/10	11:27	02:04	Blank Spike Duplicate
V3W761-MB	3W19170.D	11/10/10	13:08	03:45	Method Blank
ZZZZZZ	3W19171.D	11/10/10	13:57	04:34	(unrelated sample)
ZZZZZZ	3W19172.D	11/10/10	14:36	05:13	(unrelated sample)
ZZZZZZ	3W19173.D	11/10/10	15:15	05:52	(unrelated sample)
V3W761-SCC	3W19174.D	11/10/10	15:56	06:33	Summa Cleaning Certification
ZZZZZZ	3W19175.D	11/10/10	16:35	07:12	(unrelated sample)
ZZZZZZ	3W19176.D	11/10/10	17:16	07:53	(unrelated sample)
ZZZZZZ	3W19177.D	11/10/10	17:58	08:35	(unrelated sample)
ZZZZZZ	3W19178.D	11/10/10	18:38	09:15	(unrelated sample)
JA60785-1	3W19179.D	11/10/10	19:17	09:54	(used for QC only; not part of job JA63988)
JA60785-1DUP	3W19180.D	11/10/10	19:57	10:34	Duplicate
ZZZZZZ	3W19181.D	11/10/10	20:37	11:14	(unrelated sample)
ZZZZZZ	3W19182.D	11/10/10	21:21	11:58	(unrelated sample)
ZZZZZZ	3W19183.D	11/10/10	22:03	12:40	(unrelated sample)
ZZZZZZ	3W19184.D	11/10/10	22:43	13:20	(unrelated sample)
ZZZZZZ	3W19185.D	11/10/10	23:23	14:00	(unrelated sample)
ZZZZZZ	3W19186.D	11/11/10	00:04	14:41	(unrelated sample)
ZZZZZZ	3W19187.D	11/11/10	00:47	15:24	(unrelated sample)
ZZZZZZ	3W19188.D	11/11/10	01:29	16:06	(unrelated sample)
ZZZZZZ	3W19189.D	11/11/10	02:52	17:29	(unrelated sample)
ZZZZZZ	3W19190.D	11/11/10	03:32	18:09	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	V3W761-BFB	**Injection Date:**	11/10/10
Lab File ID:	3W19166.D	**Injection Time:**	09:23
Instrument ID:	GCMS3W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	3W19192.D	11/11/10	04:52	19:29	(unrelated sample)
V3W761-SCC	3W19193.D	11/11/10	06:14	20:51	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	V3W762-BFB	**Injection Date:**	11/11/10
Lab File ID:	3W19194.D	**Injection Time:**	09:00
Instrument ID:	GCMS3W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	8075	18.3		Pass
75	30.0 - 66.0% of mass 95	20378	46.2		Pass
95	Base peak, 100% relative abundance	44098	100.0		Pass
96	5.0 - 9.0% of mass 95	2751	6.24		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	39536	89.7		Pass
175	4.0 - 9.01% of mass 174	3253	7.38	(8.23) [a]	Pass
176	93.0 - 101.0% of mass 174	38525	87.4	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	2509	5.69	(6.51) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W762-CC752	3W19195.D	11/11/10	09:40	00:40	Continuing cal 10
V3W762-BS	3W19196.D	11/11/10	10:20	01:20	Blank Spike
V3W762-BSD	3W19197.D	11/11/10	10:59	01:59	Blank Spike Duplicate
V3W762-MB	3W19198.D	11/11/10	12:20	03:20	Method Blank
ZZZZZZ	3W19199.D	11/11/10	13:03	04:03	(unrelated sample)
ZZZZZZ	3W19200.D	11/11/10	13:43	04:43	(unrelated sample)
ZZZZZZ	3W19201.D	11/11/10	14:22	05:22	(unrelated sample)
ZZZZZZ	3W19202.D	11/11/10	15:09	06:09	(unrelated sample)
ZZZZZZ	3W19203.D	11/11/10	15:49	06:49	(unrelated sample)
ZZZZZZ	3W19204.D	11/11/10	16:29	07:29	(unrelated sample)
V3W762-SCC	3W19205.D	11/11/10	17:10	08:10	Summa Cleaning Certification
ZZZZZZ	3W19206.D	11/11/10	17:50	08:50	(unrelated sample)
C13291-1	3W19207.D	11/11/10	18:28	09:28	(used for QC only; not part of job JA63988)
C13291-1DUP	3W19208.D	11/11/10	19:07	10:07	Duplicate
ZZZZZZ	3W19209.D	11/11/10	19:46	10:46	(unrelated sample)
ZZZZZZ	3W19210.D	11/11/10	20:24	11:24	(unrelated sample)
ZZZZZZ	3W19211.D	11/11/10	21:03	12:03	(unrelated sample)
ZZZZZZ	3W19212.D	11/11/10	21:44	12:44	(unrelated sample)
ZZZZZZ	3W19213.D	11/11/10	22:25	13:25	(unrelated sample)
ZZZZZZ	3W19214.D	11/11/10	23:06	14:06	(unrelated sample)
ZZZZZZ	3W19215.D	11/11/10	23:47	14:47	(unrelated sample)
ZZZZZZ	3W19216.D	11/12/10	00:26	15:26	(unrelated sample)
ZZZZZZ	3W19217.D	11/12/10	01:43	16:43	(unrelated sample)
ZZZZZZ	3W19218.D	11/12/10	02:22	17:22	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	V3W762-BFB	**Injection Date:**	11/11/10
Lab File ID:	3W19194.D	**Injection Time:**	09:00
Instrument ID:	GCMS3W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	3W19219.D	11/12/10	03:01	18:01	(unrelated sample)
ZZZZZZ	3W19220.D	11/12/10	03:40	18:40	(unrelated sample)
V3W762-SCC	3W19221.D	11/12/10	04:59	19:59	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	V3W763-BFB	**Injection Date:**	11/12/10
Lab File ID:	3W19222.D	**Injection Time:**	09:12
Instrument ID:	GCMS3W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	7922	18.1		Pass
75	30.0 - 66.0% of mass 95	20146	46.0		Pass
95	Base peak, 100% relative abundance	43802	100.0		Pass
96	5.0 - 9.0% of mass 95	2949	6.73		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	40082	91.5		Pass
175	4.0 - 9.01% of mass 174	3307	7.55	(8.25) [a]	Pass
176	93.0 - 101.0% of mass 174	38682	88.3	(96.5) [a]	Pass
177	5.0 - 9.0% of mass 176	2492	5.69	(6.44) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W763-CC752	3W19223.D	11/12/10	10:34	01:22	Continuing cal 10
V3W763-BS	3W19224.D	11/12/10	11:18	02:06	Blank Spike
V3W763-BSD	3W19225.D	11/12/10	11:57	02:45	Blank Spike Duplicate
V3W763-MB	3W19226.D	11/12/10	13:16	04:04	Method Blank
ZZZZZZ	3W19228.D	11/12/10	14:33	05:21	(unrelated sample)
ZZZZZZ	3W19229.D	11/12/10	15:13	06:01	(unrelated sample)
ZZZZZZ	3W19230.D	11/12/10	15:53	06:41	(unrelated sample)
ZZZZZZ	3W19231.D	11/12/10	16:32	07:20	(unrelated sample)
ZZZZZZ	3W19232.D	11/12/10	17:11	07:59	(unrelated sample)
V3W763-SCC	3W19233.D	11/12/10	17:52	08:40	Summa Cleaning Certification
ZZZZZZ	3W19234.D	11/12/10	18:30	09:18	(unrelated sample)
JA61333-1	3W19235.D	11/12/10	19:09	09:57	(used for QC only; not part of job JA63988)
JA61333-1DUP	3W19236.D	11/12/10	19:47	10:35	Duplicate
ZZZZZZ	3W19237.D	11/12/10	20:26	11:14	(unrelated sample)
ZZZZZZ	3W19238.D	11/12/10	21:05	11:53	(unrelated sample)
ZZZZZZ	3W19239.D	11/12/10	21:44	12:32	(unrelated sample)
ZZZZZZ	3W19240.D	11/12/10	22:22	13:10	(unrelated sample)
ZZZZZZ	3W19241.D	11/12/10	23:01	13:49	(unrelated sample)
ZZZZZZ	3W19242.D	11/12/10	23:40	14:28	(unrelated sample)
ZZZZZZ	3W19244.D	11/13/10	01:37	16:25	(unrelated sample)
V3W763-SCC	3W19248.D	11/13/10	04:59	19:47	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample: VW1182-BFB
Lab File ID: W28700.D
Instrument ID: GCMSW
Injection Date: 11/03/10
Injection Time: 18:53

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	13200	13.2		Pass
75	30.0 - 66.0% of mass 95	39299	39.4		Pass
95	Base peak, 100% relative abundance	99808	100.0		Pass
96	5.0 - 9.0% of mass 95	6151	6.16		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	110146	110.4		Pass
175	4.0 - 9.01% of mass 174	9055	9.07	(8.22) [a]	Pass
176	93.0 - 101.0% of mass 174	108061	108.3	(98.1) [a]	Pass
177	5.0 - 9.0% of mass 176	7113	7.13	(6.58) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW1182-ICC1182	W28701.D	11/03/10	19:33	00:40	Initial cal 10
VW1182-IC1182	W28702.D	11/03/10	20:14	01:21	Initial cal 0.5
VW1182-IC1182	W28704.D	11/03/10	22:17	03:24	Initial cal 0.2
VW1182-IC1182	W28705.D	11/03/10	22:58	04:05	Initial cal 20
VW1182-IC1182	W28706.D	11/03/10	23:38	04:45	Initial cal 5.0
VW1182-IC1182	W28707.D	11/04/10	00:19	05:26	Initial cal 0.1
VW1182-IC1182	W28708.D	11/04/10	01:00	06:07	Initial cal 0.04
VW1182-IC1182	W28709.D	11/04/10	02:22	07:29	Initial cal 5.0
VW1182-IC1182	W28710.D	11/04/10	03:03	08:10	Initial cal 10
VW1182-IC1182	W28711.D	11/04/10	03:44	08:51	Initial cal 40
VW1182-IC1182	W28712.D	11/04/10	04:25	09:32	Initial cal 0.5
VW1182-IC1182	W28713.D	11/04/10	05:05	10:12	Initial cal 0.2
VW1182-IC1182	W28715.D	11/04/10	06:27	11:34	Initial cal 20
VW1182-IC1182	W28716.D	11/04/10	07:08	12:15	Initial cal 40

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	VW1184-BFB	**Injection Date:**	11/05/10
Lab File ID:	W28745.D	**Injection Time:**	08:56
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	14596	14.3		Pass
75	30.0 - 66.0% of mass 95	41952	41.2		Pass
95	Base peak, 100% relative abundance	101946	100.0		Pass
96	5.0 - 9.0% of mass 95	6692	6.56		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	109626	107.5		Pass
175	4.0 - 9.01% of mass 174	9262	9.09	(8.45) [a]	Pass
176	93.0 - 101.0% of mass 174	107330	105.3	(97.9) [a]	Pass
177	5.0 - 9.0% of mass 176	6730	6.60	(6.27) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW1184-CC1182	W28747.D	11/05/10	10:18	01:22	Continuing cal 5
VW1184-BS	W28748.D	11/05/10	10:59	02:03	Blank Spike
VW1184-BSD	W28749.D	11/05/10	11:39	02:43	Blank Spike Duplicate
VW1184-MB	W28750.D	11/05/10	13:01	04:05	Method Blank
ZZZZZZ	W28751.D	11/05/10	14:05	05:09	(unrelated sample)
ZZZZZZ	W28752.D	11/05/10	14:46	05:50	(unrelated sample)
ZZZZZZ	W28753.D	11/05/10	15:27	06:31	(unrelated sample)
ZZZZZZ	W28754.D	11/05/10	16:08	07:12	(unrelated sample)
ZZZZZZ	W28755.D	11/05/10	16:49	07:53	(unrelated sample)
VW1184-SCC	W28756.D	11/05/10	17:31	08:35	Summa Cleaning Certification
ZZZZZZ	W28757.D	11/05/10	18:12	09:16	(unrelated sample)
JA60685-2	W28758.D	11/05/10	18:53	09:57	(used for QC only; not part of job JA63988)
JA60685-2DUP	W28759.D	11/05/10	19:34	10:38	Duplicate
ZZZZZZ	W28760.D	11/05/10	20:15	11:19	(unrelated sample)
ZZZZZZ	W28761.D	11/05/10	20:56	12:00	(unrelated sample)
ZZZZZZ	W28762.D	11/05/10	21:37	12:41	(unrelated sample)
ZZZZZZ	W28763.D	11/05/10	22:18	13:22	(unrelated sample)
ZZZZZZ	W28764.D	11/05/10	22:59	14:03	(unrelated sample)
ZZZZZZ	W28765.D	11/05/10	23:40	14:44	(unrelated sample)
ZZZZZZ	W28766.D	11/06/10	00:21	15:25	(unrelated sample)
ZZZZZZ	W28767.D	11/06/10	01:02	16:06	(unrelated sample)
ZZZZZZ	W28768.D	11/06/10	01:43	16:47	(unrelated sample)
ZZZZZZ	W28769.D	11/06/10	03:05	18:09	(unrelated sample)
ZZZZZZ	W28770.D	11/06/10	03:46	18:50	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	VW1184-BFB	**Injection Date:**	11/05/10
Lab File ID:	W28745.D	**Injection Time:**	08:56
Instrument ID:	GCMSW		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	W28771.D	11/06/10	04:27	19:31	(unrelated sample)
ZZZZZZ	W28772.D	11/06/10	05:08	20:12	(unrelated sample)
VW1184-SCC	W28773.D	11/06/10	06:30	21:34	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample: VW1189-BFB
Lab File ID: W28884.D
Instrument ID: GCMSW
Injection Date: 11/12/10
Injection Time: 08:56

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	14231	14.8		Pass
75	30.0 - 66.0% of mass 95	39549	41.1		Pass
95	Base peak, 100% relative abundance	96290	100.0		Pass
96	5.0 - 9.0% of mass 95	6658	6.91		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	100378	104.2		Pass
175	4.0 - 9.01% of mass 174	7819	8.12	(7.79) [a]	Pass
176	93.0 - 101.0% of mass 174	96688	100.4	(96.3) [a]	Pass
177	5.0 - 9.0% of mass 176	6219	6.46	(6.43) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW1189-CC1182	W28886.D	11/12/10	11:00	02:04	Continuing cal 10
VW1189-BS	W28887.D	11/12/10	11:40	02:44	Blank Spike
VW1189-BSD	W28888.D	11/12/10	12:21	03:25	Blank Spike Duplicate
VW1189-MB	W28889.D	11/12/10	13:42	04:46	Method Blank
ZZZZZZ	W28890.D	11/12/10	14:23	05:27	(unrelated sample)
ZZZZZZ	W28891.D	11/12/10	15:04	06:08	(unrelated sample)
ZZZZZZ	W28892.D	11/12/10	15:44	06:48	(unrelated sample)
ZZZZZZ	W28893.D	11/12/10	16:25	07:29	(unrelated sample)
VW1189-SCC	W28894.D	11/12/10	17:06	08:10	Summa Cleaning Certification
JA61354-1	W28895.D	11/12/10	17:46	08:50	(used for QC only; not part of job JA63988)
JA61354-1DUP	W28896.D	11/12/10	18:27	09:31	Duplicate
ZZZZZZ	W28897.D	11/12/10	19:07	10:11	(unrelated sample)
ZZZZZZ	W28898.D	11/12/10	19:48	10:52	(unrelated sample)
ZZZZZZ	W28899.D	11/12/10	20:29	11:33	(unrelated sample)
ZZZZZZ	W28900.D	11/12/10	21:10	12:14	(unrelated sample)
ZZZZZZ	W28901.D	11/12/10	21:50	12:54	(unrelated sample)
ZZZZZZ	W28902.D	11/12/10	22:31	13:35	(unrelated sample)
ZZZZZZ	W28903.D	11/12/10	23:12	14:16	(unrelated sample)
ZZZZZZ	W28904.D	11/12/10	23:52	14:56	(unrelated sample)
ZZZZZZ	W28905.D	11/13/10	00:33	15:37	(unrelated sample)
ZZZZZZ	W28906.D	11/13/10	01:55	16:59	(unrelated sample)
ZZZZZZ	W28907.D	11/13/10	02:36	17:40	(unrelated sample)
ZZZZZZ	W28908.D	11/13/10	03:16	18:20	(unrelated sample)
ZZZZZZ	W28909.D	11/13/10	03:57	19:01	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	VW1189-BFB	**Injection Date:**	11/12/10
Lab File ID:	W28884.D	**Injection Time:**	08:56
Instrument ID:	GCMSW		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW1189-SCC	W28910.D	11/13/10	05:19	20:23	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	VW1201-BFB	**Injection Date:**	12/03/10
Lab File ID:	W29219.D	**Injection Time:**	19:59
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	13452	14.8		Pass
75	30.0 - 66.0% of mass 95	37486	41.2		Pass
95	Base peak, 100% relative abundance	90933	100.0		Pass
96	5.0 - 9.0% of mass 95	5809	6.39		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	92685	101.9		Pass
175	4.0 - 9.01% of mass 174	7545	8.30	(8.14) [a]	Pass
176	93.0 - 101.0% of mass 174	89645	98.6	(96.7) [a]	Pass
177	5.0 - 9.0% of mass 176	6022	6.62	(6.72) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW1201-ICC1201	W29220.D	12/03/10	20:40	00:41	Initial cal 10
VW1201-IC1201	W29221.D	12/03/10	21:21	01:22	Initial cal 0.5
VW1201-IC1201	W29223.D	12/03/10	23:25	03:26	Initial cal 0.2
VW1201-IC1201	W29225.D	12/04/10	00:47	04:48	Initial cal 5.0
VW1201-IC1201	W29226.D	12/04/10	01:28	05:29	Initial cal 0.1
ZZZZZZ	W29226.D	12/04/10	01:28	05:29	(unrelated sample)
VW1201-IC1201	W29227.D	12/04/10	02:09	06:10	Initial cal 0.04
ZZZZZZ	W29227.D	12/04/10	02:09	06:10	(unrelated sample)
VW1201-IC1201	W29228.D	12/04/10	03:31	07:32	Initial cal 5.0
VW1201-IC1201	W29229.D	12/04/10	04:11	08:12	Initial cal 10
VW1201-IC1201	W29230.D	12/04/10	04:52	08:53	Initial cal 40
VW1201-IC1201	W29231.D	12/04/10	05:33	09:34	Initial cal 0.5
VW1201-IC1201	W29232.D	12/04/10	06:14	10:15	Initial cal 0.2
VW1201-IC1201	W29234.D	12/04/10	07:36	11:37	Initial cal 20
VW1201-IC1201	W29235.D	12/04/10	08:17	12:18	Initial cal 40

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	VW1210-BFB	**Injection Date:**	12/16/10
Lab File ID:	W29433.D	**Injection Time:**	09:38
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	29930	13.8		Pass
75	30.0 - 66.0% of mass 95	85677	39.6		Pass
95	Base peak, 100% relative abundance	216240	100.0		Pass
96	5.0 - 9.0% of mass 95	14721	6.81		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	219797	101.6		Pass
175	4.0 - 9.01% of mass 174	17032	7.88	(7.75) [a]	Pass
176	93.0 - 101.0% of mass 174	214506	99.2	(97.6) [a]	Pass
177	5.0 - 9.0% of mass 176	14017	6.48	(6.53) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW1210-CC1201	W29435.D	12/16/10	12:42	03:04	Continuing cal 10
VW1210-BS	W29437.D	12/16/10	14:21	04:43	Blank Spike
VW1210-BSD	W29438.D	12/16/10	15:03	05:25	Blank Spike Duplicate
VW1210-MB	W29439.D	12/16/10	16:26	06:48	Method Blank
ZZZZZZ	W29440.D	12/16/10	17:07	07:29	(unrelated sample)
ZZZZZZ	W29441.D	12/16/10	17:49	08:11	(unrelated sample)
ZZZZZZ	W29442.D	12/16/10	18:31	08:53	(unrelated sample)
ZZZZZZ	W29443.D	12/16/10	19:12	09:34	(unrelated sample)
JA63761-1	W29444.D	12/16/10	19:54	10:16	(used for QC only; not part of job JA63988)
JA63761-1DUP	W29445.D	12/16/10	20:35	10:57	Duplicate
ZZZZZZ	W29446.D	12/16/10	21:16	11:38	(unrelated sample)
ZZZZZZ	W29447.D	12/16/10	21:58	12:20	(unrelated sample)
ZZZZZZ	W29448.D	12/16/10	22:39	13:01	(unrelated sample)
JA63988-1	W29449.D	12/16/10	23:21	13:43	AS-13
JA63988-2	W29450.D	12/17/10	00:02	14:24	AS-14
JA63988-3	W29451.D	12/17/10	00:43	15:05	AS-15
JA63988-4	W29452.D	12/17/10	01:24	15:46	AS-4
JA63988-5	W29453.D	12/17/10	02:46	17:08	AS-5
JA63988-6	W29454.D	12/17/10	03:27	17:49	AS-1
JA63988-7	W29455.D	12/17/10	04:09	18:31	AS-2
JA63988-8	W29456.D	12/17/10	04:50	19:12	AS-3
VW1210-SCC	W29457.D	12/17/10	06:11	20:33	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample: VW1211-BFB
Lab File ID: W29458.D
Instrument ID: GCMSW
Injection Date: 12/17/10
Injection Time: 08:48

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	9590	14.5		Pass
75	30.0 - 66.0% of mass 95	26776	40.6		Pass
95	Base peak, 100% relative abundance	65938	100.0		Pass
96	5.0 - 9.0% of mass 95	4493	6.81		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	65109	98.7		Pass
175	4.0 - 9.01% of mass 174	5124	7.77	(7.87) [a]	Pass
176	93.0 - 101.0% of mass 174	63986	97.0	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	4202	6.37	(6.57) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VW1211-CC1201	W29459.D	12/17/10	09:30	00:42	Continuing cal 10
VW1211-BS	W29460.D	12/17/10	10:12	01:24	Blank Spike
VW1211-BSD	W29461.D	12/17/10	10:53	02:05	Blank Spike Duplicate
VW1211-MB	W29462.D	12/17/10	12:17	03:29	Method Blank
ZZZZZZ	W29463.D	12/17/10	12:58	04:10	(unrelated sample)
ZZZZZZ	W29464.D	12/17/10	13:40	04:52	(unrelated sample)
VW1211-SCC	W29465.D	12/17/10	14:22	05:34	Summa Cleaning Certification
JA63988-9	W29466.D	12/17/10	15:04	06:16	AS-7
JA63988-10	W29467.D	12/17/10	15:46	06:58	AS-8
JA63988-11	W29468.D	12/17/10	16:28	07:40	AS-10
JA63988-12	W29469.D	12/17/10	17:09	08:21	AS-11
JA63988-13	W29470.D	12/17/10	17:51	09:03	AS-12
JA63988-14	W29471.D	12/17/10	18:33	09:45	AS-6
JA63988-14DUP	W29472.D	12/17/10	19:14	10:26	Duplicate
JA63988-15	W29473.D	12/17/10	19:56	11:08	AS-9
JA63988-16	W29474.D	12/17/10	20:37	11:49	AS-16 DUP
ZZZZZZ	W29475.D	12/17/10	21:19	12:31	(unrelated sample)
ZZZZZZ	W29476.D	12/17/10	22:00	13:12	(unrelated sample)
ZZZZZZ	W29477.D	12/17/10	22:41	13:53	(unrelated sample)
ZZZZZZ	W29478.D	12/17/10	23:22	14:34	(unrelated sample)
ZZZZZZ	W29479.D	12/18/10	00:04	15:16	(unrelated sample)
ZZZZZZ	W29480.D	12/18/10	00:45	15:57	(unrelated sample)
ZZZZZZ	W29481.D	12/18/10	02:07	17:19	(unrelated sample)
ZZZZZZ	W29482.D	12/18/10	02:48	18:00	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Sample:	VW1211-BFB	**Injection Date:**	12/17/10
Lab File ID:	W29458.D	**Injection Time:**	08:48
Instrument ID:	GCMSW		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	W29483.D	12/18/10	03:29	18:41	(unrelated sample)
ZZZZZZ	W29484.D	12/18/10	04:09	19:21	(unrelated sample)
VW1211-SCC	W29485.D	12/18/10	05:31	20:43	Summa Cleaning Certification

Volatile Surrogate Recovery Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Method: TO-15 **Matrix:** AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JA63988-1	W29449.D	99.0
JA63988-2	W29450.D	99.0
JA63988-3	W29451.D	96.0
JA63988-4	W29452.D	100.0
JA63988-5	W29453.D	103.0
JA63988-6	W29454.D	97.0
JA63988-7	W29455.D	96.0
JA63988-8	W29456.D	95.0
JA63988-9	W29466.D	98.0
JA63988-10	W29467.D	98.0
JA63988-11	W29468.D	97.0
JA63988-12	W29469.D	97.0
JA63988-13	W29470.D	98.0
JA63988-14	W29471.D	96.0
JA63988-15	W29473.D	95.0
JA63988-16	W29474.D	99.0
JA63761-1DUP	W29445.D	100.0
JA63988-14DUP	W29472.D	97.0
V3W761-SCC	3W19193.D	94.0
V3W762-SCC	3W19221.D	89.0
V3W763-SCC	3W19248.D	87.0
VW1184-SCC	W28756.D	91.0
VW1189-SCC	W28894.D	88.0
VW1210-BS	W29437.D	103.0
VW1210-BSD	W29438.D	106.0
VW1210-MB	W29439.D	93.0
VW1211-BS	W29460.D	102.0
VW1211-BSD	W29461.D	102.0
VW1211-MB	W29462.D	91.0
V3W761-BS	3W19168.D	101.0
V3W761-BSD	3W19169.D	99.0
V3W761-MB	3W19170.D	89.0
V3W762-BS	3W19196.D	103.0
V3W762-BSD	3W19197.D	104.0
V3W762-MB	3W19198.D	88.0
V3W763-BS	3W19224.D	104.0
V3W763-BSD	3W19225.D	103.0
V3W763-MB	3W19226.D	93.0
VW1184-BS	W28748.D	104.0
VW1184-BSD	W28749.D	106.0

Volatile Surrogate Recovery Summary

Job Number: JA63988
Account: AGMGAA Arcadis
Project: Lafarge East Point Air Sampling

Method: TO-15 **Matrix:** AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
VW1184-MB	W28750.D	90.0
VW1189-BS	W28887.D	102.0
VW1189-BSD	W28888.D	100.0
VW1189-MB	W28889.D	91.0

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%

APPENDIX E
Soil RRS Calculations

Table 1. Georgia Specific Values

Parameter	CASText	NC (mg/kg)	Table 2 Soil (mg/kg)	Table 1 GW (mg/L)	GA MCL (mg/L)
Benzene	71-43-2	0.02		0.005	0.005
cis-1,2-Dichloroethene	156-59-2	0.53		0.07	0.07
Dichloromethane (Methylene chloride)	75-09-2	0.08		0.005	0.005
Ethyl benzene	100-41-4	20		0.7	0.7
m-Xylene	108-38-3	20			
o-Xylene	95-47-6	20			
p-Xylene	106-42-3	20			
Tetrachloroethene	127-18-4	0.18		0.005	0.005
trans-1,2-Dichloroethene	156-60-5	0.53		0.1	0.1
Vinyl chloride	75-01-4	0.04		0.002	0.002

HSRA: Hazardous Site Response Act's Hazardous Site Response Rules ("Rules")
NC: Notification Concentration - Appendix I of the Rules
Table 2 Soil: Appendix III Table 2 of the Rules
Table 1 GW: Appendix III Table 1 of the Rules
GA MCL: Georgia Maximum Contaminant Level (Rules for Safe Drinking Water)

Table 2. Physical-Chemical Parameters

Analyte	CAS	Organic Carbon Partition Coefficient (K_{oc}) (cm^3/g)		Diffusivity in air (D_a) (cm^2/s)		Henry's Law Constant (H') (unitless)	Henry's Law Constant at reference temperature of 25C (H) ($atm\text{-}m^3/mol$)		Volatile	Metal Kd	Reference	Dei = Da x $E^{0.33}$	Kd* = Koc x OC	Kas =(H/Kd) x 41	α cm^2/s	VF m^3/kg
Benzene	71-43-2	1.5E+02	EPI	9.0E-02	WATER9	2.3E-01	5.6E-03	PHYSPROP	V			0.063318474	2.916	0.078034979	0.000988317	4515.831566
cis-1,2-Dichloroethene	156-59-2	4.0E+01	EPI	8.8E-02	WATER9	1.7E-01	4.1E-03	PHYSPROP	V			0.062520469	0.792	0.211212121	0.002572766	2726.266791
Dichloromethane (Methylene chlor	75-09-2	2.2E+01	EPI	1.0E-01	WATER9	1.3E-01	3.3E-03	PHYSPROP	V			0.070674914	0.4346	0.306603774	0.004144809	2108.719409
Ethyl benzene	100-41-4	4.5E+02	EPI	6.8E-02	WATER9	3.2E-01	7.9E-03	PHYSPROP	V			0.048418612	8.922	0.036211612	0.000353659	7612.752703
m-Xylene	108-38-3	3.8E+02	EPI	6.8E-02	WATER9	2.9E-01	7.2E-03	PHYSPROP	V			0.048348387	7.506	0.039219291	0.000382246	7318.11541
o-Xylene	95-47-6	3.8E+02	EPI	6.9E-02	WATER9	2.1E-01	5.2E-03	PHYSPROP	V			0.048740317	7.658	0.02773309	0.000273121	8677.611352
p-Xylene	106-42-3	3.8E+02	EPI	6.8E-02	WATER9	2.8E-01	6.9E-03	PHYSPROP	V			0.048265362	7.506	0.037689848	0.000366822	7472.692362
Tetrachloroethene	127-18-4	9.5E+01	EPI	5.0E-02	WATER9	7.2E-01	1.8E-02	PHYSPROP	V			0.035689855	1.8988	0.382188751	0.002571879	2638.832893
trans-1,2-Dichloroethene	156-60-5	4.0E+01	EPI	8.8E-02	WATER9	3.8E-01	9.4E-03	PHYSPROP	V			0.061957397	0.792	0.485580808	0.005564134	1759.759915
Vinyl chloride	75-01-4	2.2E+01	EPI	1.1E-01	WATER9	1.1E+00	2.8E-02	PHYSPROP	V			0.075755441	0.4346	2.622641509	0.026335832	579.7357497

EPI: EPA's Estimation Programs Interface Suite

WATER9: EPA's WATER9 Program

PHYSPROP: Syracuse Research Coorporation PHYSPROP Database. 2005

ATSDR Profile: Agency for Toxic Substances & Disease Registry Toxicological Profiles

BAES: C.F. Baes, A Review and Analysis of Parameters for Assessing Transport of Environmnetall

$$VF\ (m^3/kg) = \frac{(LS \times V \times DH)}{A} \times \frac{(\pi \times \alpha \times T)^{1/2}}{(2 \times D_{ei} \times E \times K_{as} \times 10^{-3}\ kg/g)}$$

LS = 45 m — length of side of contaminated area

V = 2.25 m/s — wind speed in mixing zone

DH = 2 m — diffusion height

A = 20300000 cm^2 — area of contamination

π = 3.14

$$\alpha = \frac{(D_{ei} \times E)}{E + \rho_s(1\text{-}E)/K_{as}}\ cm^2/s$$

$D_{ei} = D_i \times E^{0.33}$ cm^2/s — effective diffusivity

D_i = Chemical specific — molecular diffusivity (cm^2/s)

E = 0.35 — total soil porosity

ρ_s = 2.65 g/m^3 — density of soil solids

Kas = (H/Kd) x 41 — soil/air partition coefficient (g soil/cm^3 air)

H = Chemical specific — Henry's law constant ($atm\text{-}m^3/mol$)

Kd = Koc x OC — soil-water partition coefficient

Koc= Chemical specific — organic carbon partition coefficient

OC = 0.02 — soil organic carbon content fraction

T = 790000000 s — exposure interval

Table 3. Toxicity Factors

Analyte	CAS	NonCancer Toxicity Values			Cancer Toxicity Values				
		Oral RfD	Inhalation RFC	Inhalation RfD	Oral CSF	Inhalation Unit Risk	Inhalation CSF	Cancer Class	VOC
		mg/kg-day	mg/m3	mg/kg-day	per mg/kg-day	per ug/m3	per mg/kg-day		
Benzene	71-43-2	0.004	0.03	0.0085714	0.055	0.0000078	0.0273	A	V
cis-1,2-Dichloroethene	156-59-2	0.002							V
Dichloromethane (Methylene	75-09-2	0.006	0.6	0.1714286	0.002	1E-08	0.000035	B2	V
Ethyl benzene	100-41-4	0.1	1	0.2857143	0.011	0.0000025	0.00875		V
m-Xylene	108-38-3	0.2	0.1	0.0285714					V
o-Xylene	95-47-6	0.2	0.1	0.0285714					V
p-Xylene	106-42-3	0.2	0.1	0.0285714					V
Tetrachloroethene	127-18-4	0.006	0.04	0.0114286	0.0021	2.6E-07	0.00091	B	V
trans-1,2-Dichloroethene	156-60-5	0.02							V
Vinyl chloride	75-01-4	0.003	0.1	0.0285714	0.72	0.0000044	0.0154	A	V

Values are from the EPA Regional Screening Level Summary Table (Nov 2015), except where noted

IRIS: Intigrated Risk Information System (www.epa.gov/IRIS/)

Table 4. Soil Risk Calculations

Analyte	CAS	Volatile?	VF	Oral CSF	Inhalation CSF	RAGS Eqn. 6											
						Adult			Child			Worker			Construction Worker		
						Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
			m^3/kg	per mg/kg-day	per mg/kg-day	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	71-43-2	V	4515.832	5.50E-02	0.0273	272	19	18	166	20	18	1041	71	66	7883	3550	2448
cis-1,2-Dichloroethene	156-59-2	V	2726.267														
Dichloromethane (Methylene chloride)	75-09-2	V	2108.719	2.00E-03	0.000035	7471	6842	3571	4563	7330	2812	28616	25861	13585	216788	1293066	185661
Ethyl benzene	100-41-4	V	7612.753	1.10E-02	0.00875	1358	99	92	830	106	94	5203	373	348	39416	18673	12670
m-Xylene	108-38-3	V	7318.115														
o-Xylene	95-47-6	V	8677.611														
p-Xylene	106-42-3	V	7472.692														
Tetrachloroethene	127-18-4	V	2638.833	2.10E-03	0.00091	7115	329	315	4345	353	326	27253	1245	1190	206465	62236	47821
trans-1,2-Dichloroethene	156-60-5	V	1759.76														
Vinyl chloride	75-01-4	V	579.7357	7.20E-01	0.0154	21	4.3	3.5	13	4.6	3.4	79	16.2	13.4	602	808	345

Lead SSL based on IEUBK model

$$\text{Ingestion/Oral C (mg/kg)} = \frac{TR \times BW \times AT}{EF \times ED \times (SFo \times 10^{-6} \times IRs)}$$

$$\text{Inhalation C (mg/kg)} = \frac{TR \times BW \times AT}{EF \times ED \times ET \times 1/24 \times (SFi \times IRa \times (1/VF + 1/PE}$$

Note: VF not used if constituent is not volatile

$$\text{RAGS Eqn 7} = \frac{TR \times BW \times AT \times 24}{EF \times ED \times ET \times [(SFo \times 10^{-6} \times IRs) + (SFi \times IRa \times (1/VF + 1/PEF)}$$

Parameter		Adult		Child		Worker		Construction Worker	
		Value	Source	Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW	70	1	15	2	70	1	70	1
Exposure Frequency, Resident Adult (d/yr)	EF	350	1	350	1	250	1	125	4
Exposure Duration, Resident Adult (yr)	ED	30	1	6	2	25	1	1	3
Exposure Time (hr/d)	ET	24	3	24	3	8	3	8	3
Soil Ingestion, Resident Adult (mg/d)	IRs	114	1	200	2	50	1	330	3
Water ingestion, Resident Adult (L/d)	IRw	2	1	1	1	1	1	1	1
Inhalation Rate, Resident Adult (m^3/d)	IRa	15	1	15	2	20	1	20	1
Averaging Time, Cancer, Adult (d)	AT	25550	1	25550	1	25550	1	25550	1
Target Risk	TR	1.00E-05	1	1.00E-05	1	1.00E-05	1	1.00E-05	1
Water-to-air volatilization factor (L/m3)	K	0.5	1	0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m3/kg)	PEF	4630000000	1	4630000000	1	4630000000	1	4630000000	1

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance http://www.georgiaepd.org/Documents/hsraguideCSRRRS.html

Source 3 - EPA RSL equations

Table 5. Soil Hazard Calculations

Analyte	CAS	Volatile?	VF	Oral RfD	Inhalation RfD	RAGS Eqn. 7											
						Adult			Child			Worker			Construction Worker		
						Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
			m^3/kg	mg/kg-day	mg/kg-day	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	71-43-2	V	4515.832	4.00E-03	0.008571	2561	188	175	313	40	36	8176	593	553	2478	1187	802
cis-1,2-Dichloroethene	156-59-2	V	2726.267	2.00E-03		1281		1281	156		156	4088		4088	1239		1239
Dichloromethane (Methylene chloride)	75-09-2	V	2108.719	6.00E-03	0.171429	3842	1759	1207	469	377	209	12264	5542	3817	3716	11083	2783
Ethyl benzene	100-41-4	V	7612.753	1.00E-01	0.285714	64035	10585	9084	7821	2268	1758	204400	33344	28667	61939	66688	32113
m-Xylene	108-38-3	V	7318.115	2.00E-01	0.028571	128070	1018	1010	15643	218	215	408800	3205	3180	123879	6411	6095
o-Xylene	95-47-6	V	8677.611	2.00E-01	0.028571	128070	1207	1195	15643	259	254	408800	3801	3766	123879	7602	7162
p-Xylene	106-42-3	V	7472.692	2.00E-01	0.028571	128070	1039	1031	15643	223	220	408800	3273	3247	123879	6546	6218
Tetrachloroethene	127-18-4	V	2638.833	6.00E-03	0.011429	3842	147	141	469	31	29	12264	462	446	3716	925	740
trans-1,2-Dichloroethene	156-60-5	V	1759.76	2.00E-02		12807		12807	1564		1564	40880		40880	12388		12388
Vinyl chloride	75-01-4	V	579.7357	3.00E-03	0.028571	1921	81	77	235	17	16	6132	254	244	1858	508	399

Notes:

Lead SSL based on IEUBK model

$$\text{Ingestion/Oral C (mg/kg)} = \frac{\text{THI x BW x AT}}{\text{EF x ED x (1/RfDo x } 10^{-6} \text{ x IRs}}$$

$$\text{Inhalation C (mg/kg)} = \frac{\text{THI x BW x AT}}{\text{EF x ED x ET x 1/24 x (1/RfDi x IRa x (1/VF + 1/P}}$$

Note: VF not used if constituent is not volatile

$$\text{RAGS Eqn 7} = \frac{\text{THI x BW x AT x 24}}{\text{EF x ED x ET x [(1/RfDo x } 10^{-6} \text{ x IRs) + (1/RfDi x IRa x (1/VF + 1/PEF))]}}$$

Parameter		Adult		Child		Worker		Construction Worker		
		Value	Source	Value	Source	Value	Source	Value	Source	
Body Weight, Adult (kg)	BW	70	1	15	2	70	1	70	1	
Exposure Frequency, Resident Adult (d/yr)	EF	350	1	350	1	250	1	125	4	
Exposure Duration, Resident Adult (yr)	ED	30	1	6	2	25	1	1	3	
Exposure Time (hr/d)	ET	24	3	24	3	8	3	8	3	
Soil Ingestion, Resident Adult (mg/d)	IRs	114	1	200	2	50	1	330	3	
Water ingestion, Resident Adult (L/d)	IRw	2	1	1	1	1	1	1	1	
Inhalation Rate, Resident Adult (m^3/d)	IRa	15	1	15	2	20	1	20	1	
Averaging Time, Noncancer, Adult (d)	AT	10950	1	2190	1	9125	1	365	1	Exposure Duration x 365 days
Target hazard quotient	THQ	1	1	1	1	1	1	1	1	
Water-to-air volatilization factor (L/m3)	K	0.5	1	0.5	1	0.5	1	0.5	1	
Particulate Emission Factor (m3/kg)	PEF	4630000000	1	4630000000	1	4630000000	1	4630000000	1	

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance http://www.georgiaepd.org/Documents/hsraguideCSRRRS.html

Source 3 - EPA RSL equations

Table 6. Soil Residential Risk Reduction Standards

Analyte	TYPE 1 - SOIL											TYPE 2 - SOIL									Residential Soil RRS - higher of Type 1 and 2
	Rule 391-3-19-.07(6)(c): Table 2 Appendix III, or if not listed, the the least of Items 1-3 (and if not calculable the higher of background and DL)											Rule 391-3-19-.07(7)(c): Least of Items 1-4 (and if not calculable, the higher of Table 2 Appendix III, background and DL)									
	Table 2 - Appendix III	Item 1 of Rule 391-3-19-.07(6)(c): Higher of (i), (ii), (iii)				Item 2 RAGS Eqn. 7 (NC)	Item 3 RAGS Eqn. 6 (C)			Least of Items 1 - 3	Bkg**	Type 1 Soil RRS	Item 1 Type 1/2 SSL Protective of Groundwater	Item 2 RAGS Eqn 7 (NC)		Item 3 RAGS Eqn 6 (C)		Item 4 IEUBK***	Least of Items 1 - 4	Alternate, if NA		Type 2 RRS	
		(i): Appendix I (NC) - exclude []	(ii): Table 1 GW x 100 factor	(iii): TCLP*	Higher of i - iii	Adult	Adult	Carcin. Class	Adjusted Adult					Adult	Child	Adult	Child			Table 2, Appendix III	Bkg **		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		0.02			0.02	175.469843	17.5690014	A	17.5690014	0.02		0.02		175	36	18	18		18			18	18
cis-1,2-Dichloroethene		0.53			0.53	1280.70175				0.53		0.53		1281	156				156			156	156
Dichloromethane (Methylene chloride)		0.08			0.08	1206.72333	3571.18112	B2	3571.18112	0.08		0.08		1207	209	3571	2812		209			209	209
Ethyl benzene		20			20	9083.74375	92.0977831		92.0977831	20		20		9084	1758	92	94		92			92	92
m-Xylene		20			20	1009.54372				20		20		1010	215				215			215	215
o-Xylene		20			20	1195.3372				20		20		1195	254				254			254	254
p-Xylene		20			20	1030.69616				20		20		1031	220				220			220	220
Tetrachloroethene		0.18			0.18	141.368962	314.724302	B	314.724302	0.18		0.18		141	29	315	326		29			29	29
trans-1,2-Dichloroethene		0.53			0.53	12807.0175				0.53		0.53		12807	1564				1564			1564	1564
Vinyl chloride		0.04			0.04	77.3645099	3.54464221	A	3.54464221	0.04		0.04		77	16	4	3		3			3	3

* NA - TCLP results not available for this Site

** NA - Background not determined for this Site

*** NA - Lead not a COPC

Excluded - protection of groundwater

Table 7. Soil Non-Residential Risk Reduction Standards

Analyte	TYPE 3 SOIL														Type 4 Soil								
	Item 1: Rule 391-3-19-.07(8)(d)1.						Item 2: Rule 391-3-19-.07(8)(d)2						Alternate if NA	Type 3 SS (<2') RRS: Lower of Items 1 and 2, if NA then Bkg or DL	Item 1: Rule 391-3-19.-07(9)(d)	Item 2: Rule 391-3-19.-07(9)(d)				Alternate, if NA		Type 4 SS RRS: Lesser of Items 1 and 2	Non-Reidential SS
	(i): Item 1 of Rule 391-3-19-.07(6)(c)			(ii)	(iii)		(i)	(ii)			(iii)					(i)	(ii)						
	Appendix I (NC) - exclude []	Table 1 GW x 100 factor	TCLP*	Table 2 of Appendix III	Lead***	Item 1: Highest of (i), (ii) and (iii)	RAGS Eqn. 7 Worker NC	RAGS Eqn. 6 Worker C	Cancer Class	Adjusted Eqn 6 Worker C	Lead***	Item 2: Lowest of (i), (ii) and (iii)	Bkg **		Type 3/4 SSL Protection of Groundwater	RAGS Eqn.7 Worker NC	RAGS Eqn. 6 Worker C	(iii) Lead ***	Item 2: Lowest of (i),(ii) and (iii)	Table 2, Appendix III	Bkg **	if NA highest of Table 2 Appendix III, Bkg or DL	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	0.02					0.02	553	66	A	66		66		0.02		553	66		66			66	66
cis-1,2-Dichloroethene	0.53					0.53	4088					4088		0.53		4088			4088			4088	4088
Dichloromethane (Methylene chloride)	0.08					0.08	3817	13585	B2	13585		3817		0.08		3817	13585		3817			3817	3817
Ethyl benzene	20					20	28667	348		348		348		20		28667	348		348			348	348
m-Xylene	20					20	3180					3180		20		3180			3180			3180	3180
o-Xylene	20					20	3766					3766		20		3766			3766			3766	3766
p-Xylene	20					20	3247					3247		20		3247			3247			3247	3247
Tetrachloroethene	0.18					0.18	446	1190	B	1190		446		0.18		446	1190		446			446	446
trans-1,2-Dichloroethene	0.53					0.53	40880					40880		0.53		40880			40880			40880	40880
Vinyl chloride	0.04					0.04	244	13	A	13		13		0.04		244	13		13			13	13

* NA - TCLP results not available for this Site
** NA - Background not determined for this Site
*** NA - Lead not a COPC
SS: Surface Soil (0-2 ft) SB: Subsurface Soil (> 2ft)

Table 8. Summary of Direct Contact Cleanup Levels

	Surface Soil		Sub-Surface Soil
	Residential Cleanup Goal	NonResidential Cleanup Goal	Construction Worker Cleanup Goal
Benzene	18 [1]	66 [2]	802 [4]
cis-1,2-Dichloroethene	156 [1]	4088 [2]	1239 [4]
Dichloromethane (Methylene chloride)	209 [1]	3817 [2]	2783 [4]
Ethyl benzene	92 [1]	348 [2]	12670 [4]
Lead	270 [3]	400 [3]	400 [5]
o-Xylene	254 [1]	3766 [2]	7162 [4]
m-Xylene	215 [1]	3180 [2]	6095 [4]
p-Xylene	220 [1]	3247 [2]	6218 [4]
m&p-Xylene	215 [6]	3180 [6]	6095 [6]
Toluene	3581 [1]	70228 [2]	41249 [4]
Trichloroethene	1.4 [1]	21 [2]	38 [4]
Vinyl chloride	3.4 [1]	13 [2]	345 [4]

1) Residential RRS excluding protection of groundwater
2) NonResidential Surface Soil RRS excluding protection of groundwater
3) RRS previously determined for the site
4) Minimum of values from Table 4 (Risk) and Table 5 (Hazard)
5) Use NonResidential RRS
6) Minimum of m-Xylene and p-Xylene

APPENDIX F
Laboratory Data Reports

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 26, 2017

Timmerly Bullman
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: Lafarge

Dear Timmerly Bullman: Order No: 1701G22

Analytical Environmental Services, Inc. received 29 samples on 1/19/2017 12:00:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Chris Pafford
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1701G722

Date: 1/19/17 Page 1 of 3

COMPANY: EPS	ADDRESS: 1050 Crown Pointe Pkwy Ste 550 Atlanta, GA 30338
PHONE: 404-315-9113	FAX: 404-315-8509
SAMPLED BY: S. Tam, A. Tesh	SIGNATURE: [illegible]

ANALYSIS REQUESTED: VOCs

Visit our website **www.aesatlanta.com** to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix	VOCs	REMARKS	No. of Containers
1	17016-MW-51	1-16-17	1010	X		GW	X		2
2	17016-MW-52	1-16-17	1135	X		GW	X		2
3	17016-MW-54	1-16-17	1315	X		GW	X		2
4	17016-MW-55	1-16-17	1420	X		GW	X		2
5	17016-MW-56	1-16-17	1435	X		GW	X		2
6	17016-MW-57	1-16-17	1510	X		GW	X		2
7	17017-MW-11	1-17-17	1015	X		GW	X		2
8	~~17017-MW-32~~ 17017-MW-37	1-17-17	1140	X		GW	X	17017-MW-37	2
9	17017-MW-38	1-17-17	1010	X		GW	X		2
10	17017-MW-39	1-17-17	1500	X		GW	X		2
11	17017-MW-40	1-17-17	1450	X		GW	X		2
12	17017-MW-41	1-17-17	1525	X		GW	X		2
13	17017-MW-42	1-17-17	0840	X		GW	X		2
14	17017-MW-45	1-17-17	1320	X		GW	X		2

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	1-19-17 1100	1: [signature]	1/19/17 12:00
2:		2: CoC email [signature] 1/19/17 1651	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD: OUT / / VIA: ; IN / / VIA: ; CLIENT FedEx UPS MAIL COURIER ; GREYHOUND OTHER

PROJECT INFORMATION

PROJECT NAME: Lafarge (LKM)

PROJECT #:

SITE ADDRESS: East Point, GA

SEND REPORT TO: [illegible]

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO #:

RECEIPT

Total # of Containers: 28

Turnaround Time Request:
- ☒ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other

STATE PROGRAM (if any): ________

E-mail? Y/N; Fax? Y/N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice [illegible] O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1701G22

Date: 1-19-17 Page 2 of 3

CLIENT: EPS

ADDRESS: 1050 Crown Pointe Pkwy, Ste 550, Atlanta, GA 30338

PHONE: 404-315-9113

FAX:

SAMPLED BY: J. Terry, A. Troff

SIGNATURE: [signature]

ANALYSIS REQUESTED: VOCs

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix	VOCs	REMARKS	# of Containers
1	17017-TW-01	1-17-17	1320	X		GW	X		2
2	17017-TW-02	1-17-17	0845	X		GW	X		2
3	17017-TW-03	1-17-17	1105	X		GW	X		2
4	17018-RW-07	1-18-17	1135	X		GW	X		2
5	17018-MW-2	1-18-17	1416	X		GW	X		2
6	17018-MW-17	1-18-17	1525	X		GW	X		2
7	17018-MW-20	1-18-17	1030	X		GW	X		2
8	17018-MW-26	1-18-17	1030	X		GW	X		2
9	~~17018-MW-24~~	1-18-17	0915	X		GW	X 17018-MW-29	HOLD	2
10	17018-MW-48	1-18-17	0845	X		GW	X		2
11	17018-DUP	1-18-17	1200	X		GW	X		2
12	17018-DPE-307	1-18-17	1425	X		GW	X		2
13	17019-TripBlank	1-19-17	—	X		W	X		2
14	17019-MW-21	1-19-17	0835	X		GW	X		2

RELINQUISHED BY: [signature] DATE/TIME: 1-19-17 1200
RECEIVED BY: [signature] DATE/TIME: 1/19/17 12:00

COC Emailed
RECEIVED BY: [signature] 1/20/17 1224

PROJECT INFORMATION
PROJECT NAME: Lafarge (LRM)
PROJECT #:
SITE ADDRESS: East Point, GA
SEND REPORT TO: tbullman@envplanning.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 28

Turnaround Time Request
☒ Standard 5 Business Days
○ 2 Business Day Rush
○ Next Business Day Rush
○ Same Day Rush (auth req.)
○ Other

STATE PROGRAM (if any):
E-mail? Y/N; Fax? Y/N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA
IN / / VIA
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED AS RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT MARKED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid ... O = Other (specify) NA = None
White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1701622

Date: 1-19-17 Page 3 of 3

COMPANY: EPS

ADDRESS: 1050 Crown Pointe Pkwy Ste 550 Atlanta, GA 30338

PHONE: 4041-315-9113

FAX:

SAMPLED BY: J. Terry, A. Testoff

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs	REMARKS	No # of Containers
1	17019-MW-32	1.19.17	0815	X		GW	X		2
2	17019-MW-7	1.19.17	1020	X		GW	X		2
3	17016-MW-53	1.16.17	1200	X		GW	X	Hold pending results	2
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED

PRESERVATION (See codes): H+I

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY / DATE/TIME
1: 1-19-17 1200

RECEIVED BY / DATE/TIME
1: 1/19/17 2:00

2:

3:

PROJECT INFORMATION
PROJECT NAME: Lafarge (LRM)
PROJECT #:
SITE ADDRESS: East Point, GA
SEND REPORT TO: tbullman@envplanning.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 6

Turnaround Time Request
- ⊗ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:
Hold analysis of 17016-MW-53

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 26-Jan-17

Client: Environmental Planning Specialists, Inc.
Project: Lafarge
Lab ID: 1701G22

Case Narrative

A revised page 1 for the Chain of Custody (COC) was received via email 01-19-17@16:51.

At the request of Alex Testoff via email 01-20-17@08:18 sample 1701G22-023 was changed to client ID 17018-MW-29 and placed on hold. A revised page 2 of the COC was received via email 01-20-17@12:29.

Volatile Organic Compounds Analysis by Method 8260B:

Due to sample matrix, sample 1701G22-012A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Trichloroethene value for the QC sample 1701G22-012AMS/MSD is "E" qualified indicating estimated value over linear calibration range due to the level of target analyte present in the unspiked sample.

Analytical Environmental Services, Inc

Date: 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-51
Project Name:	Lafarge	**Collection Date:**	1/16/2017 10:10:00 AM
Lab ID:	1701G22-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 00:16	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 00:16	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 00:16	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 00:16	BN
Benzene	28	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 00:16	BN
Chloroform	5.9	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 00:16	BN
cis-1,2-Dichloroethene	660	50		ug/L	236914	10	01/25/2017 14:49	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 00:16	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 00:16	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-51
Project Name:	Lafarge	**Collection Date:**	1/16/2017 10:10:00 AM
Lab ID:	1701G22-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Tetrachloroethene	46	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Trichloroethene	240	50		ug/L	236914	10	01/25/2017 14:49	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:16	BN
Vinyl chloride	4.9	2.0		ug/L	236914	1	01/25/2017 00:16	BN
Surr: 4-Bromofluorobenzene	96	66.1-129		%REC	236914	1	01/25/2017 00:16	BN
Surr: 4-Bromofluorobenzene	103	66.1-129		%REC	236914	10	01/25/2017 14:49	BN
Surr: Dibromofluoromethane	105	83.6-123		%REC	236914	1	01/25/2017 00:16	BN
Surr: Dibromofluoromethane	112	83.6-123		%REC	236914	10	01/25/2017 14:49	BN
Surr: Toluene-d8	95.6	81.8-118		%REC	236914	10	01/25/2017 14:49	BN
Surr: Toluene-d8	97	81.8-118		%REC	236914	1	01/25/2017 00:16	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-52
Project Name:	Lafarge	**Collection Date:**	1/16/2017 11:35:00 AM
Lab ID:	1701G22-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 00:44	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 00:44	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 00:44	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 00:44	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 00:44	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 00:44	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 00:44	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 00:44	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-52
Project Name:	Lafarge	**Collection Date:**	1/16/2017 11:35:00 AM
Lab ID:	1701G22-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 00:44	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 00:44	BN
Surr: 4-Bromofluorobenzene	98.5	66.1-129		%REC	236914	1	01/25/2017 00:44	BN
Surr: Dibromofluoromethane	104	83.6-123		%REC	236914	1	01/25/2017 00:44	BN
Surr: Toluene-d8	95.7	81.8-118		%REC	236914	1	01/25/2017 00:44	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-54
Project Name:	Lafarge	**Collection Date:**	1/16/2017 1:15:00 PM
Lab ID:	1701G22-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 01:12	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 01:12	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 01:12	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 01:12	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 01:12	BN
Chloroform	9.8	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 01:12	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 01:12	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 01:12	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-54
Project Name:	Lafarge	**Collection Date:**	1/16/2017 1:15:00 PM
Lab ID:	1701G22-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:12	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 01:12	BN
Surr: 4-Bromofluorobenzene	99.5	66.1-129		%REC	236914	1	01/25/2017 01:12	BN
Surr: Dibromofluoromethane	104	83.6-123		%REC	236914	1	01/25/2017 01:12	BN
Surr: Toluene-d8	99.6	81.8-118		%REC	236914	1	01/25/2017 01:12	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-55
Project Name:	Lafarge	**Collection Date:**	1/16/2017 2:20:00 PM
Lab ID:	1701G22-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 01:40	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 01:40	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 01:40	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 01:40	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 01:40	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 01:40	BN
cis-1,2-Dichloroethene	8.9	5.0		ug/L	236914	1	01/25/2017 01:40	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 01:40	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 01:40	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-55
Project Name:	Lafarge	**Collection Date:**	1/16/2017 2:20:00 PM
Lab ID:	1701G22-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Trichloroethene	9.5	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 01:40	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 01:40	BN
Surr: 4-Bromofluorobenzene	99.2	66.1-129		%REC	236914	1	01/25/2017 01:40	BN
Surr: Dibromofluoromethane	103	83.6-123		%REC	236914	1	01/25/2017 01:40	BN
Surr: Toluene-d8	95	81.8-118		%REC	236914	1	01/25/2017 01:40	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-56
Project Name:	Lafarge	**Collection Date:**	1/16/2017 2:35:00 PM
Lab ID:	1701G22-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 02:08	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 02:08	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 02:08	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 02:08	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 02:08	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 02:08	BN
cis-1,2-Dichloroethene	44	5.0		ug/L	236914	1	01/25/2017 02:08	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 02:08	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 02:08	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-56
Project Name:	Lafarge	**Collection Date:**	1/16/2017 2:35:00 PM
Lab ID:	1701G22-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Trichloroethene	27	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:08	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 02:08	BN
Surr: 4-Bromofluorobenzene	96.4	66.1-129		%REC	236914	1	01/25/2017 02:08	BN
Surr: Dibromofluoromethane	105	83.6-123		%REC	236914	1	01/25/2017 02:08	BN
Surr: Toluene-d8	97.2	81.8-118		%REC	236914	1	01/25/2017 02:08	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-57
Project Name:	Lafarge	**Collection Date:**	1/16/2017 3:10:00 PM
Lab ID:	1701G22-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 02:36	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 02:36	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 02:36	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 02:36	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 02:36	BN
Chloroform	13	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 02:36	BN
cis-1,2-Dichloroethene	49	5.0		ug/L	236914	1	01/25/2017 02:36	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 02:36	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 02:36	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17016-MW-57
Project Name:	Lafarge	**Collection Date:**	1/16/2017 3:10:00 PM
Lab ID:	1701G22-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Trichloroethene	21	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 02:36	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 02:36	BN
Surr: 4-Bromofluorobenzene	95.3	66.1-129		%REC	236914	1	01/25/2017 02:36	BN
Surr: Dibromofluoromethane	105	83.6-123		%REC	236914	1	01/25/2017 02:36	BN
Surr: Toluene-d8	96.7	81.8-118		%REC	236914	1	01/25/2017 02:36	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-11
Project Name:	Lafarge	**Collection Date:**	1/17/2017 10:15:00 AM
Lab ID:	1701G22-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 03:04	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 03:04	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 03:04	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 03:04	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 03:04	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 03:04	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 03:04	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 03:04	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-11
Project Name:	Lafarge	**Collection Date:**	1/17/2017 10:15:00 AM
Lab ID:	1701G22-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:04	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 03:04	BN
Surr: 4-Bromofluorobenzene	96.5	66.1-129		%REC	236914	1	01/25/2017 03:04	BN
Surr: Dibromofluoromethane	107	83.6-123		%REC	236914	1	01/25/2017 03:04	BN
Surr: Toluene-d8	96.1	81.8-118		%REC	236914	1	01/25/2017 03:04	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-37
Project Name:	Lafarge	**Collection Date:**	1/17/2017 11:40:00 AM
Lab ID:	1701G22-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 03:32	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 03:32	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 03:32	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 03:32	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 03:32	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 03:32	BN
cis-1,2-Dichloroethene	2500	500		ug/L	236914	100	01/25/2017 14:13	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 03:32	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 03:32	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-37
Project Name:	Lafarge	**Collection Date:**	1/17/2017 11:40:00 AM
Lab ID:	1701G22-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
trans-1,2-Dichloroethene	8.3	5.0		ug/L	236914	1	01/25/2017 03:32	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Trichloroethene	160	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:32	BN
Vinyl chloride	4.8	2.0		ug/L	236914	1	01/25/2017 03:32	BN
Surr: 4-Bromofluorobenzene	89.6	66.1-129		%REC	236914	100	01/25/2017 14:13	BN
Surr: 4-Bromofluorobenzene	99.5	66.1-129		%REC	236914	1	01/25/2017 03:32	BN
Surr: Dibromofluoromethane	98.5	83.6-123		%REC	236914	100	01/25/2017 14:13	BN
Surr: Dibromofluoromethane	109	83.6-123		%REC	236914	1	01/25/2017 03:32	BN
Surr: Toluene-d8	96.2	81.8-118		%REC	236914	1	01/25/2017 03:32	BN
Surr: Toluene-d8	109	81.8-118		%REC	236914	100	01/25/2017 14:13	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-38
Project Name:	Lafarge	**Collection Date:**	1/17/2017 10:10:00 AM
Lab ID:	1701G22-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 03:59	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 03:59	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 03:59	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 03:59	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 03:59	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 03:59	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 03:59	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 03:59	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-38
Project Name:	Lafarge	**Collection Date:**	1/17/2017 10:10:00 AM
Lab ID:	1701G22-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 03:59	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 03:59	BN
Surr: 4-Bromofluorobenzene	98.7	66.1-129		%REC	236914	1	01/25/2017 03:59	BN
Surr: Dibromofluoromethane	108	83.6-123		%REC	236914	1	01/25/2017 03:59	BN
Surr: Toluene-d8	97.1	81.8-118		%REC	236914	1	01/25/2017 03:59	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-39
Project Name:	Lafarge	**Collection Date:**	1/17/2017 3:00:00 PM
Lab ID:	1701G22-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 14:12	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 14:12	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 14:12	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 14:12	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 14:12	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 14:12	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 14:12	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 14:12	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-39
Project Name:	Lafarge	**Collection Date:**	1/17/2017 3:00:00 PM
Lab ID:	1701G22-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 14:12	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 14:12	BN
Surr: 4-Bromofluorobenzene	100	66.1-129		%REC	236914	1	01/25/2017 14:12	BN
Surr: Dibromofluoromethane	117	83.6-123		%REC	236914	1	01/25/2017 14:12	BN
Surr: Toluene-d8	101	81.8-118		%REC	236914	1	01/25/2017 14:12	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-40
Project Name:	Lafarge	**Collection Date:**	1/17/2017 2:50:00 PM
Lab ID:	1701G22-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 04:27	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 04:27	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 04:27	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 04:27	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 04:27	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 04:27	BN
cis-1,2-Dichloroethene	94	5.0		ug/L	236914	1	01/25/2017 04:27	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 04:27	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 04:27	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-40
Project Name:	Lafarge	**Collection Date:**	1/17/2017 2:50:00 PM
Lab ID:	1701G22-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Trichloroethene	19	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 04:27	BN
Vinyl chloride	7.1	2.0		ug/L	236914	1	01/25/2017 04:27	BN
Surr: 4-Bromofluorobenzene	100	66.1-129		%REC	236914	1	01/25/2017 04:27	BN
Surr: Dibromofluoromethane	108	83.6-123		%REC	236914	1	01/25/2017 04:27	BN
Surr: Toluene-d8	98.5	81.8-118		%REC	236914	1	01/25/2017 04:27	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-41
Project Name:	Lafarge	**Collection Date:**	1/17/2017 3:25:00 PM
Lab ID:	1701G22-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,1,2,2-Tetrachloroethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,1,2-Trichloroethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,1-Dichloroethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,1-Dichloroethene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,2,4-Trichlorobenzene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,2-Dibromo-3-chloropropane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,2-Dibromoethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,2-Dichlorobenzene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,2-Dichloroethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,2-Dichloropropane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,3-Dichlorobenzene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
1,4-Dichlorobenzene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
2-Butanone	BRL	5000		ug/L	236914	100	01/25/2017 15:17	BN
2-Hexanone	BRL	1000		ug/L	236914	100	01/25/2017 15:17	BN
4-Methyl-2-pentanone	BRL	1000		ug/L	236914	100	01/25/2017 15:17	BN
Acetone	BRL	5000		ug/L	236914	100	01/25/2017 15:17	BN
Benzene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Bromodichloromethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Bromoform	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Bromomethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Carbon disulfide	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Carbon tetrachloride	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Chlorobenzene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Chloroethane	BRL	1000		ug/L	236914	100	01/25/2017 15:17	BN
Chloroform	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Chloromethane	BRL	1000		ug/L	236914	100	01/25/2017 15:17	BN
cis-1,2-Dichloroethene	25000	2500		ug/L	236914	500	01/24/2017 20:36	BN
cis-1,3-Dichloropropene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Cyclohexane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Dibromochloromethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Dichlorodifluoromethane	BRL	1000		ug/L	236914	100	01/25/2017 15:17	BN
Ethylbenzene	1100	500		ug/L	236914	100	01/25/2017 15:17	BN
Freon-113	BRL	1000		ug/L	236914	100	01/25/2017 15:17	BN
Isopropylbenzene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
m,p-Xylene	5000	500		ug/L	236914	100	01/25/2017 15:17	BN
Methyl acetate	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Methyl tert-butyl ether	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Methylcyclohexane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Methylene chloride	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
o-Xylene	770	500		ug/L	236914	100	01/25/2017 15:17	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-41
Project Name:	Lafarge	**Collection Date:**	1/17/2017 3:25:00 PM
Lab ID:	1701G22-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Tetrachloroethene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Toluene	6300	500		ug/L	236914	100	01/25/2017 15:17	BN
trans-1,2-Dichloroethene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
trans-1,3-Dichloropropene	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Trichloroethene	150000	5000		ug/L	236914	1000	01/25/2017 15:44	BN
Trichlorofluoromethane	BRL	500		ug/L	236914	100	01/25/2017 15:17	BN
Vinyl chloride	BRL	200		ug/L	236914	100	01/25/2017 15:17	BN
Surr: 4-Bromofluorobenzene	101	66.1-129		%REC	236914	500	01/24/2017 20:36	BN
Surr: 4-Bromofluorobenzene	101	66.1-129		%REC	236914	1000	01/25/2017 15:44	BN
Surr: 4-Bromofluorobenzene	109	66.1-129		%REC	236914	100	01/25/2017 15:17	BN
Surr: Dibromofluoromethane	98.1	83.6-123		%REC	236914	500	01/24/2017 20:36	BN
Surr: Dibromofluoromethane	113	83.6-123		%REC	236914	100	01/25/2017 15:17	BN
Surr: Dibromofluoromethane	116	83.6-123		%REC	236914	1000	01/25/2017 15:44	BN
Surr: Toluene-d8	94.5	81.8-118		%REC	236914	500	01/24/2017 20:36	BN
Surr: Toluene-d8	98.7	81.8-118		%REC	236914	100	01/25/2017 15:17	BN
Surr: Toluene-d8	101	81.8-118		%REC	236914	1000	01/25/2017 15:44	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-42
Project Name:	Lafarge	**Collection Date:**	1/17/2017 8:40:00 AM
Lab ID:	1701G22-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 10:52	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 10:52	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 10:52	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 10:52	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 10:52	BN
Chloroform	6.2	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 10:52	BN
cis-1,2-Dichloroethene	36	5.0		ug/L	236914	1	01/25/2017 10:52	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 10:52	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 10:52	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Methylcyclohexane	24	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-42
Project Name:	Lafarge	**Collection Date:**	1/17/2017 8:40:00 AM
Lab ID:	1701G22-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Tetrachloroethene	16	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Trichloroethene	25	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 10:52	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 10:52	BN
Surr: 4-Bromofluorobenzene	105	66.1-129		%REC	236914	1	01/25/2017 10:52	BN
Surr: Dibromofluoromethane	105	83.6-123		%REC	236914	1	01/25/2017 10:52	BN
Surr: Toluene-d8	97.1	81.8-118		%REC	236914	1	01/25/2017 10:52	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-45
Project Name:	Lafarge	**Collection Date:**	1/17/2017 1:20:00 PM
Lab ID:	1701G22-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 12:19	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 12:19	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 12:19	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 12:19	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 12:19	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 12:19	BN
cis-1,2-Dichloroethene	300	50		ug/L	236914	10	01/25/2017 12:48	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 12:19	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 12:19	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-MW-45
Project Name:	Lafarge	**Collection Date:**	1/17/2017 1:20:00 PM
Lab ID:	1701G22-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Trichloroethene	240	50		ug/L	236914	10	01/25/2017 12:48	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:19	BN
Vinyl chloride	2.2	2.0		ug/L	236914	1	01/25/2017 12:19	BN
Surr: 4-Bromofluorobenzene	100	66.1-129		%REC	236914	1	01/25/2017 12:19	BN
Surr: 4-Bromofluorobenzene	101	66.1-129		%REC	236914	10	01/25/2017 12:48	BN
Surr: Dibromofluoromethane	113	83.6-123		%REC	236914	10	01/25/2017 12:48	BN
Surr: Dibromofluoromethane	114	83.6-123		%REC	236914	1	01/25/2017 12:19	BN
Surr: Toluene-d8	96.1	81.8-118		%REC	236914	10	01/25/2017 12:48	BN
Surr: Toluene-d8	98.4	81.8-118		%REC	236914	1	01/25/2017 12:19	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-TW-01
Project Name:	Lafarge	**Collection Date:**	1/17/2017 1:20:00 PM
Lab ID:	1701G22-015	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 13:16	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 13:16	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 13:16	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 13:16	BN
Benzene	6.1	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 13:16	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 13:16	BN
cis-1,2-Dichloroethene	480	50		ug/L	236914	10	01/25/2017 13:44	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 13:16	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 13:16	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-TW-01
Project Name:	Lafarge	**Collection Date:**	1/17/2017 1:20:00 PM
Lab ID:	1701G22-015	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Trichloroethene	43	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:16	BN
Vinyl chloride	7.4	2.0		ug/L	236914	1	01/25/2017 13:16	BN
Surr: 4-Bromofluorobenzene	97.5	66.1-129		%REC	236914	1	01/25/2017 13:16	BN
Surr: 4-Bromofluorobenzene	102	66.1-129		%REC	236914	10	01/25/2017 13:44	BN
Surr: Dibromofluoromethane	112	83.6-123		%REC	236914	10	01/25/2017 13:44	BN
Surr: Dibromofluoromethane	115	83.6-123		%REC	236914	1	01/25/2017 13:16	BN
Surr: Toluene-d8	95.8	81.8-118		%REC	236914	1	01/25/2017 13:16	BN
Surr: Toluene-d8	99.1	81.8-118		%REC	236914	10	01/25/2017 13:44	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-TW-02
Project Name:	Lafarge	**Collection Date:**	1/17/2017 8:45:00 AM
Lab ID:	1701G22-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 11:20	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 11:20	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 11:20	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 11:20	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 11:20	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 11:20	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 11:20	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 11:20	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-TW-02
Project Name:	Lafarge	**Collection Date:**	1/17/2017 8:45:00 AM
Lab ID:	1701G22-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:20	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 11:20	BN
Surr: 4-Bromofluorobenzene	103	66.1-129		%REC	236914	1	01/25/2017 11:20	BN
Surr: Dibromofluoromethane	112	83.6-123		%REC	236914	1	01/25/2017 11:20	BN
Surr: Toluene-d8	100	81.8-118		%REC	236914	1	01/25/2017 11:20	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-TW-03
Project Name:	Lafarge	**Collection Date:**	1/17/2017 11:05:00 AM
Lab ID:	1701G22-017	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 11:50	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 11:50	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 11:50	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 11:50	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 11:50	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 11:50	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 11:50	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 11:50	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17017-TW-03
Project Name:	Lafarge	**Collection Date:**	1/17/2017 11:05:00 AM
Lab ID:	1701G22-017	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 11:50	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 11:50	BN
Surr: 4-Bromofluorobenzene	102	66.1-129		%REC	236914	1	01/25/2017 11:50	BN
Surr: Dibromofluoromethane	112	83.6-123		%REC	236914	1	01/25/2017 11:50	BN
Surr: Toluene-d8	99.2	81.8-118		%REC	236914	1	01/25/2017 11:50	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-RW-07
Project Name:	Lafarge	**Collection Date:**	1/18/2017 11:35:00 AM
Lab ID:	1701G22-018	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 13:44	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 13:44	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 13:44	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 13:44	BN
Benzene	9.0	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 13:44	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 13:44	BN
cis-1,2-Dichloroethene	280	50		ug/L	236914	10	01/25/2017 17:39	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Cyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 13:44	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 13:44	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Methylcyclohexane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-RW-07
Project Name:	Lafarge	**Collection Date:**	1/18/2017 11:35:00 AM
Lab ID:	1701G22-018	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Trichloroethene	6.7	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:44	BN
Vinyl chloride	140	2.0		ug/L	236914	1	01/25/2017 13:44	BN
Surr: 4-Bromofluorobenzene	88.6	66.1-129		%REC	236914	1	01/25/2017 13:44	BN
Surr: 4-Bromofluorobenzene	94.1	66.1-129		%REC	236914	10	01/25/2017 17:39	BN
Surr: Dibromofluoromethane	97.2	83.6-123		%REC	236914	1	01/25/2017 13:44	BN
Surr: Dibromofluoromethane	116	83.6-123		%REC	236914	10	01/25/2017 17:39	BN
Surr: Toluene-d8	96.6	81.8-118		%REC	236914	1	01/25/2017 13:44	BN
Surr: Toluene-d8	98.3	81.8-118		%REC	236914	10	01/25/2017 17:39	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-2
Project Name:	Lafarge	**Collection Date:**	1/18/2017 2:15:00 PM
Lab ID:	1701G22-019	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 12:46	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 12:46	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 12:46	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 12:46	BN
Benzene	11	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 12:46	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 12:46	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Cyclohexane	69	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 12:46	BN
Ethylbenzene	14	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 12:46	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
m,p-Xylene	22	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Methylcyclohexane	83	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-2
Project Name:	Lafarge	**Collection Date:**	1/18/2017 2:15:00 PM
Lab ID:	1701G22-019	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 12:46	BN
Vinyl chloride	11	2.0		ug/L	236914	1	01/25/2017 12:46	BN
Surr: 4-Bromofluorobenzene	98.6	66.1-129		%REC	236914	1	01/25/2017 12:46	BN
Surr: Dibromofluoromethane	103	83.6-123		%REC	236914	1	01/25/2017 12:46	BN
Surr: Toluene-d8	101	81.8-118		%REC	236914	1	01/25/2017 12:46	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-17
Project Name:	Lafarge	**Collection Date:**	1/18/2017 1:25:00 PM
Lab ID:	1701G22-020	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
2-Butanone	BRL	50		ug/L	236914	1	01/25/2017 13:15	BN
2-Hexanone	BRL	10		ug/L	236914	1	01/25/2017 13:15	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236914	1	01/25/2017 13:15	BN
Acetone	BRL	50		ug/L	236914	1	01/25/2017 13:15	BN
Benzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Bromodichloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Bromoform	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Bromomethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Carbon disulfide	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Carbon tetrachloride	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Chlorobenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Chloroethane	BRL	10		ug/L	236914	1	01/25/2017 13:15	BN
Chloroform	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Chloromethane	BRL	10		ug/L	236914	1	01/25/2017 13:15	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Cyclohexane	21	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Dibromochloromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Dichlorodifluoromethane	BRL	10		ug/L	236914	1	01/25/2017 13:15	BN
Ethylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Freon-113	BRL	10		ug/L	236914	1	01/25/2017 13:15	BN
Isopropylbenzene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
m,p-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Methyl acetate	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Methylcyclohexane	12	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Methylene chloride	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
o-Xylene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-17
Project Name:	Lafarge	**Collection Date:**	1/18/2017 1:25:00 PM
Lab ID:	1701G22-020	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Tetrachloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Toluene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Trichloroethene	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236914	1	01/25/2017 13:15	BN
Vinyl chloride	BRL	2.0		ug/L	236914	1	01/25/2017 13:15	BN
Surr: 4-Bromofluorobenzene	91.9	66.1-129		%REC	236914	1	01/25/2017 13:15	BN
Surr: Dibromofluoromethane	101	83.6-123		%REC	236914	1	01/25/2017 13:15	BN
Surr: Toluene-d8	102	81.8-118		%REC	236914	1	01/25/2017 13:15	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-20
Project Name:	Lafarge	**Collection Date:**	1/18/2017 10:30:00 AM
Lab ID:	1701G22-021	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
2-Butanone	BRL	50		ug/L	236855	1	01/24/2017 13:55	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/24/2017 13:55	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/24/2017 13:55	BN
Acetone	BRL	50		ug/L	236855	1	01/24/2017 13:55	BN
Benzene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Chloroethane	BRL	10		ug/L	236855	1	01/24/2017 13:55	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Chloromethane	BRL	10		ug/L	236855	1	01/24/2017 13:55	BN
cis-1,2-Dichloroethene	9.3	5.0		ug/L	236855	1	01/24/2017 13:55	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Cyclohexane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/24/2017 13:55	BN
Ethylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Freon-113	BRL	10		ug/L	236855	1	01/24/2017 13:55	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
m,p-Xylene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Methylcyclohexane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
o-Xylene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-20
Project Name:	Lafarge	**Collection Date:**	1/18/2017 10:30:00 AM
Lab ID:	1701G22-021	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Toluene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Trichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/24/2017 13:55	BN
Vinyl chloride	BRL	2.0		ug/L	236855	1	01/24/2017 13:55	BN
Surr: 4-Bromofluorobenzene	98.9	66.1-129		%REC	236855	1	01/24/2017 13:55	BN
Surr: Dibromofluoromethane	101	83.6-123		%REC	236855	1	01/24/2017 13:55	BN
Surr: Toluene-d8	95.1	81.8-118		%REC	236855	1	01/24/2017 13:55	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-26
Project Name:	Lafarge	**Collection Date:**	1/18/2017 10:30:00 AM
Lab ID:	1701G22-022	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
2-Butanone	BRL	50		ug/L	236855	1	01/23/2017 23:53	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/23/2017 23:53	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/23/2017 23:53	BN
Acetone	BRL	50		ug/L	236855	1	01/23/2017 23:53	BN
Benzene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Chloroethane	BRL	10		ug/L	236855	1	01/23/2017 23:53	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Chloromethane	BRL	10		ug/L	236855	1	01/23/2017 23:53	BN
cis-1,2-Dichloroethene	530	50		ug/L	236855	10	01/24/2017 15:18	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Cyclohexane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/23/2017 23:53	BN
Ethylbenzene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Freon-113	BRL	10		ug/L	236855	1	01/23/2017 23:53	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
m,p-Xylene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Methylcyclohexane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
o-Xylene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-26
Project Name:	Lafarge	**Collection Date:**	1/18/2017 10:30:00 AM
Lab ID:	1701G22-022	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Toluene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Trichloroethene	48	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/23/2017 23:53	BN
Vinyl chloride	BRL	2.0		ug/L	236855	1	01/23/2017 23:53	BN
Surr: 4-Bromofluorobenzene	93	66.1-129		%REC	236855	1	01/23/2017 23:53	BN
Surr: 4-Bromofluorobenzene	100	66.1-129		%REC	236855	10	01/24/2017 15:18	BN
Surr: Dibromofluoromethane	102	83.6-123		%REC	236855	10	01/24/2017 15:18	BN
Surr: Dibromofluoromethane	122	83.6-123		%REC	236855	1	01/23/2017 23:53	BN
Surr: Toluene-d8	93.3	81.8-118		%REC	236855	10	01/24/2017 15:18	BN
Surr: Toluene-d8	102	81.8-118		%REC	236855	1	01/23/2017 23:53	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-48
Project Name:	Lafarge	**Collection Date:**	1/18/2017 8:45:00 AM
Lab ID:	1701G22-024	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
2-Butanone	BRL	50		ug/L	236855	1	01/23/2017 19:44	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/23/2017 19:44	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/23/2017 19:44	BN
Acetone	BRL	50		ug/L	236855	1	01/23/2017 19:44	BN
Benzene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Chloroethane	BRL	10		ug/L	236855	1	01/23/2017 19:44	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Chloromethane	BRL	10		ug/L	236855	1	01/23/2017 19:44	BN
cis-1,2-Dichloroethene	590	50		ug/L	236855	10	01/23/2017 20:12	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Cyclohexane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/23/2017 19:44	BN
Ethylbenzene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Freon-113	BRL	10		ug/L	236855	1	01/23/2017 19:44	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
m,p-Xylene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Methylcyclohexane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
o-Xylene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-MW-48
Project Name:	Lafarge	**Collection Date:**	1/18/2017 8:45:00 AM
Lab ID:	1701G22-024	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Toluene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Trichloroethene	660	50		ug/L	236855	10	01/23/2017 20:12	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/23/2017 19:44	BN
Vinyl chloride	5.0	2.0		ug/L	236855	1	01/23/2017 19:44	BN
Surr: 4-Bromofluorobenzene	95.6	66.1-129		%REC	236855	1	01/23/2017 19:44	BN
Surr: 4-Bromofluorobenzene	99.5	66.1-129		%REC	236855	10	01/23/2017 20:12	BN
Surr: Dibromofluoromethane	113	83.6-123		%REC	236855	1	01/23/2017 19:44	BN
Surr: Dibromofluoromethane	115	83.6-123		%REC	236855	10	01/23/2017 20:12	BN
Surr: Toluene-d8	97.4	81.8-118		%REC	236855	1	01/23/2017 19:44	BN
Surr: Toluene-d8	101	81.8-118		%REC	236855	10	01/23/2017 20:12	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-DUP
Project Name:	Lafarge	**Collection Date:**	1/18/2017 12:00:00 PM
Lab ID:	1701G22-025	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
2-Butanone	BRL	50		ug/L	236855	1	01/24/2017 00:21	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/24/2017 00:21	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/24/2017 00:21	BN
Acetone	BRL	50		ug/L	236855	1	01/24/2017 00:21	BN
Benzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Chloroethane	BRL	10		ug/L	236855	1	01/24/2017 00:21	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Chloromethane	BRL	10		ug/L	236855	1	01/24/2017 00:21	BN
cis-1,2-Dichloroethene	540	50		ug/L	236855	10	01/24/2017 15:46	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Cyclohexane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/24/2017 00:21	BN
Ethylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Freon-113	BRL	10		ug/L	236855	1	01/24/2017 00:21	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
m,p-Xylene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Methylcyclohexane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
o-Xylene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-DUP
Project Name:	Lafarge	**Collection Date:**	1/18/2017 12:00:00 PM
Lab ID:	1701G22-025	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Toluene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Trichloroethene	610	50		ug/L	236855	10	01/24/2017 15:46	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:21	BN
Vinyl chloride	5.8	2.0		ug/L	236855	1	01/24/2017 00:21	BN
Surr: 4-Bromofluorobenzene	99.1	66.1-129		%REC	236855	10	01/24/2017 15:46	BN
Surr: 4-Bromofluorobenzene	101	66.1-129		%REC	236855	1	01/24/2017 00:21	BN
Surr: Dibromofluoromethane	103	83.6-123		%REC	236855	10	01/24/2017 15:46	BN
Surr: Dibromofluoromethane	117	83.6-123		%REC	236855	1	01/24/2017 00:21	BN
Surr: Toluene-d8	96.1	81.8-118		%REC	236855	10	01/24/2017 15:46	BN
Surr: Toluene-d8	100	81.8-118		%REC	236855	1	01/24/2017 00:21	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-DPE-307
Project Name:	Lafarge	**Collection Date:**	1/18/2017 2:25:00 PM
Lab ID:	1701G22-026	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
2-Butanone	BRL	50		ug/L	236855	1	01/24/2017 00:49	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/24/2017 00:49	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/24/2017 00:49	BN
Acetone	BRL	50		ug/L	236855	1	01/24/2017 00:49	BN
Benzene	140	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Chloroethane	BRL	10		ug/L	236855	1	01/24/2017 00:49	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Chloromethane	BRL	10		ug/L	236855	1	01/24/2017 00:49	BN
cis-1,2-Dichloroethene	21	5.0		ug/L	236855	1	01/24/2017 00:49	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Cyclohexane	81	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/24/2017 00:49	BN
Ethylbenzene	150	50		ug/L	236855	10	01/25/2017 15:13	BN
Freon-113	BRL	10		ug/L	236855	1	01/24/2017 00:49	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
m,p-Xylene	670	50		ug/L	236855	10	01/25/2017 15:13	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Methylcyclohexane	110	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
o-Xylene	190	50		ug/L	236855	10	01/25/2017 15:13	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17018-DPE-307
Project Name:	Lafarge	**Collection Date:**	1/18/2017 2:25:00 PM
Lab ID:	1701G22-026	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Toluene	43000	2500		ug/L	236855	500	01/24/2017 14:23	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Trichloroethene	7.8	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/24/2017 00:49	BN
Vinyl chloride	BRL	2.0		ug/L	236855	1	01/24/2017 00:49	BN
Surr: 4-Bromofluorobenzene	99.7	66.1-129		%REC	236855	500	01/24/2017 14:23	BN
Surr: 4-Bromofluorobenzene	89.9	66.1-129		%REC	236855	10	01/25/2017 15:13	BN
Surr: 4-Bromofluorobenzene	108	66.1-129		%REC	236855	1	01/24/2017 00:49	BN
Surr: Dibromofluoromethane	100	83.6-123		%REC	236855	500	01/24/2017 14:23	BN
Surr: Dibromofluoromethane	94.2	83.6-123		%REC	236855	10	01/25/2017 15:13	BN
Surr: Dibromofluoromethane	107	83.6-123		%REC	236855	1	01/24/2017 00:49	BN
Surr: Toluene-d8	94.2	81.8-118		%REC	236855	500	01/24/2017 14:23	BN
Surr: Toluene-d8	101	81.8-118		%REC	236855	10	01/25/2017 15:13	BN
Surr: Toluene-d8	103	81.8-118		%REC	236855	1	01/24/2017 00:49	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17019-TRIP BLANK
Project Name:	Lafarge	**Collection Date:**	1/19/2017
Lab ID:	1701G22-027	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
2-Butanone	BRL	50		ug/L	236855	1	01/23/2017 17:54	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/23/2017 17:54	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/23/2017 17:54	BN
Acetone	BRL	50		ug/L	236855	1	01/23/2017 17:54	BN
Benzene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Chloroethane	BRL	10		ug/L	236855	1	01/23/2017 17:54	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Chloromethane	BRL	10		ug/L	236855	1	01/23/2017 17:54	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Cyclohexane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/23/2017 17:54	BN
Ethylbenzene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Freon-113	BRL	10		ug/L	236855	1	01/23/2017 17:54	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
m,p-Xylene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Methylcyclohexane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
o-Xylene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17019-TRIP BLANK
Project Name:	Lafarge	**Collection Date:**	1/19/2017
Lab ID:	1701G22-027	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Toluene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Trichloroethene	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/23/2017 17:54	BN
Vinyl chloride	BRL	2.0		ug/L	236855	1	01/23/2017 17:54	BN
Surr: 4-Bromofluorobenzene	98.7	66.1-129		%REC	236855	1	01/23/2017 17:54	BN
Surr: Dibromofluoromethane	116	83.6-123		%REC	236855	1	01/23/2017 17:54	BN
Surr: Toluene-d8	98.3	81.8-118		%REC	236855	1	01/23/2017 17:54	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17019-MW-21
Project Name:	Lafarge	**Collection Date:**	1/19/2017 8:35:00 AM
Lab ID:	1701G22-028	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
2-Butanone	BRL	50		ug/L	236855	1	01/24/2017 01:17	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/24/2017 01:17	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/24/2017 01:17	BN
Acetone	BRL	50		ug/L	236855	1	01/24/2017 01:17	BN
Benzene	25	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Chloroethane	BRL	10		ug/L	236855	1	01/24/2017 01:17	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Chloromethane	BRL	10		ug/L	236855	1	01/24/2017 01:17	BN
cis-1,2-Dichloroethene	4100	500		ug/L	236855	100	01/24/2017 14:51	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Cyclohexane	59	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/24/2017 01:17	BN
Ethylbenzene	61	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Freon-113	BRL	10		ug/L	236855	1	01/24/2017 01:17	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
m,p-Xylene	9.6	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Methylcyclohexane	40	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
o-Xylene	20	5.0		ug/L	236855	1	01/24/2017 01:17	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17019-MW-21
Project Name:	Lafarge	**Collection Date:**	1/19/2017 8:35:00 AM
Lab ID:	1701G22-028	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Toluene	52	5.0		ug/L	236855	1	01/25/2017 14:41	BN
trans-1,2-Dichloroethene	10	5.0		ug/L	236855	1	01/24/2017 01:17	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Trichloroethene	6.8	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/24/2017 01:17	BN
Vinyl chloride	1900	200		ug/L	236855	100	01/24/2017 14:51	BN
Surr: 4-Bromofluorobenzene	94.4	66.1-129		%REC	236855	1	01/25/2017 14:41	BN
Surr: 4-Bromofluorobenzene	102	66.1-129		%REC	236855	100	01/24/2017 14:51	BN
Surr: 4-Bromofluorobenzene	109	66.1-129		%REC	236855	1	01/24/2017 01:17	BN
Surr: Dibromofluoromethane	100	83.6-123		%REC	236855	100	01/24/2017 14:51	BN
Surr: Dibromofluoromethane	103	83.6-123		%REC	236855	1	01/25/2017 14:41	BN
Surr: Dibromofluoromethane	104	83.6-123		%REC	236855	1	01/24/2017 01:17	BN
Surr: Toluene-d8	93.3	81.8-118		%REC	236855	100	01/24/2017 14:51	BN
Surr: Toluene-d8	98.6	81.8-118		%REC	236855	1	01/25/2017 14:41	BN
Surr: Toluene-d8	101	81.8-118		%REC	236855	1	01/24/2017 01:17	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17019-MW-32
Project Name:	Lafarge	**Collection Date:**	1/19/2017 8:15:00 AM
Lab ID:	1701G22-029	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
2-Butanone	BRL	50		ug/L	236855	1	01/24/2017 12:59	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/24/2017 12:59	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/24/2017 12:59	BN
Acetone	BRL	50		ug/L	236855	1	01/24/2017 12:59	BN
Benzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Chloroethane	BRL	10		ug/L	236855	1	01/24/2017 12:59	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Chloromethane	BRL	10		ug/L	236855	1	01/24/2017 12:59	BN
cis-1,2-Dichloroethene	520	50		ug/L	236855	10	01/24/2017 13:26	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Cyclohexane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/24/2017 12:59	BN
Ethylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Freon-113	BRL	10		ug/L	236855	1	01/24/2017 12:59	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
m,p-Xylene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Methylcyclohexane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
o-Xylene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17019-MW-32
Project Name:	Lafarge	**Collection Date:**	1/19/2017 8:15:00 AM
Lab ID:	1701G22-029	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Toluene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Trichloroethene	840	50		ug/L	236855	10	01/24/2017 13:26	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:59	BN
Vinyl chloride	5.4	2.0		ug/L	236855	1	01/24/2017 12:59	BN
Surr: 4-Bromofluorobenzene	92	66.1-129		%REC	236855	1	01/24/2017 12:59	BN
Surr: 4-Bromofluorobenzene	98.1	66.1-129		%REC	236855	10	01/24/2017 13:26	BN
Surr: Dibromofluoromethane	99.9	83.6-123		%REC	236855	1	01/24/2017 12:59	BN
Surr: Dibromofluoromethane	104	83.6-123		%REC	236855	10	01/24/2017 13:26	BN
Surr: Toluene-d8	94.5	81.8-118		%REC	236855	1	01/24/2017 12:59	BN
Surr: Toluene-d8	101	81.8-118		%REC	236855	10	01/24/2017 13:26	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17019-MW-7
Project Name:	Lafarge	**Collection Date:**	1/19/2017 10:20:00 AM
Lab ID:	1701G22-030	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
2-Butanone	BRL	50		ug/L	236855	1	01/24/2017 12:31	BN
2-Hexanone	BRL	10		ug/L	236855	1	01/24/2017 12:31	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236855	1	01/24/2017 12:31	BN
Acetone	BRL	50		ug/L	236855	1	01/24/2017 12:31	BN
Benzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Bromodichloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Bromoform	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Bromomethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Carbon disulfide	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Carbon tetrachloride	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Chlorobenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Chloroethane	BRL	10		ug/L	236855	1	01/24/2017 12:31	BN
Chloroform	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Chloromethane	BRL	10		ug/L	236855	1	01/24/2017 12:31	BN
cis-1,2-Dichloroethene	74	5.0		ug/L	236855	1	01/24/2017 12:31	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Cyclohexane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Dibromochloromethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Dichlorodifluoromethane	BRL	10		ug/L	236855	1	01/24/2017 12:31	BN
Ethylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Freon-113	BRL	10		ug/L	236855	1	01/24/2017 12:31	BN
Isopropylbenzene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
m,p-Xylene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Methyl acetate	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Methylcyclohexane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Methylene chloride	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
o-Xylene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17019-MW-7
Project Name:	Lafarge	**Collection Date:**	1/19/2017 10:20:00 AM
Lab ID:	1701G22-030	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Tetrachloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Toluene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Trichloroethene	9.0	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236855	1	01/24/2017 12:31	BN
Vinyl chloride	2.9	2.0		ug/L	236855	1	01/24/2017 12:31	BN
Surr: 4-Bromofluorobenzene	99.2	66.1-129		%REC	236855	1	01/24/2017 12:31	BN
Surr: Dibromofluoromethane	96.8	83.6-123		%REC	236855	1	01/24/2017 12:31	BN
Surr: Toluene-d8	93.1	81.8-118		%REC	236855	1	01/24/2017 12:31	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EPS Work Order Number 1701622

Checklist completed by Jessica McMinn 1/19/17
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 2.5° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge
Workorder: 1701G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 236855

Sample ID: **MB-236855** Client ID: Units: **ug/L** Prep Date: **01/23/2017** Run No: **334904**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236855** Analysis Date: **01/23/2017** Seq No: **7305711**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge
Workorder: 1701G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 236855

Sample ID: **MB-236855** Client ID: Units: **ug/L** Prep Date: **01/23/2017** Run No: **334904**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236855** Analysis Date: **01/23/2017** Seq No: **7305711**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	46.59	0	50.00		93.2	66.1	129				
Surr: Dibromofluoromethane	59.06	0	50.00		118	83.6	123				
Surr: Toluene-d8	51.86	0	50.00		104	81.8	118				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge
Workorder: 1701G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 236855

Sample ID: **LCS-236855** Client ID: Units: **ug/L** Prep Date: **01/23/2017** Run No: **334904**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236855** Analysis Date: **01/23/2017** Seq No: **7305712**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.24	5.0	50.00		112	68	139				
Benzene	51.93	5.0	50.00		104	74	125				
Chlorobenzene	55.14	5.0	50.00		110	75.7	123				
Toluene	52.46	5.0	50.00		105	75.9	126				
Trichloroethene	52.93	5.0	50.00		106	70.6	129				
Surr: 4-Bromofluorobenzene	48.75	0	50.00		97.5	66.1	129				
Surr: Dibromofluoromethane	54.82	0	50.00		110	83.6	123				
Surr: Toluene-d8	48.17	0	50.00		96.3	81.8	118				

Sample ID: **1701G22-024AMS** Client ID: **17018-MW-48** Units: **ug/L** Prep Date: **01/23/2017** Run No: **334904**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236855** Analysis Date: **01/23/2017** Seq No: **7305724**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	521.8	50	500.0		104	64.3	149				
Benzene	530.7	50	500.0	1.700	106	71.6	132				
Chlorobenzene	559.8	50	500.0		112	73.1	126				
Toluene	541.8	50	500.0		108	72.5	135				
Trichloroethene	1194	50	500.0	683.6	102	70.2	132				
Surr: 4-Bromofluorobenzene	501.9	0	500.0		100	66.1	129				
Surr: Dibromofluoromethane	586.2	0	500.0		117	83.6	123				
Surr: Toluene-d8	490.1	0	500.0		98.0	81.8	118				

Sample ID: **1701G22-024AMSD** Client ID: **17018-MW-48** Units: **ug/L** Prep Date: **01/23/2017** Run No: **334904**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236855** Analysis Date: **01/23/2017** Seq No: **7305725**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	483.1	50	500.0		96.6	64.3	149	521.8	7.70	30.8	
Benzene	503.0	50	500.0	1.700	100	71.6	132	530.7	5.36	20.7	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge
Workorder: 1701G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 236855

Sample ID: **1701G22-024AMSD** Client ID: **17018-MW-48** Units: **ug/L** Prep Date: **01/23/2017** Run No: **334904**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236855** Analysis Date: **01/23/2017** Seq No: **7305725**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	538.7	50	500.0		108	73.1	126	559.8	3.84	26.6	
Toluene	515.8	50	500.0		103	72.5	135	541.8	4.92	23.2	
Trichloroethene	1113	50	500.0	683.6	86.0	70.2	132	1194	7.00	27.7	
Surr: 4-Bromofluorobenzene	500.7	0	500.0		100	66.1	129	501.9	0	0	
Surr: Dibromofluoromethane	562.9	0	500.0		113	83.6	123	586.2	0	0	
Surr: Toluene-d8	492.3	0	500.0		98.5	81.8	118	490.1	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge
Workorder: 1701G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 236914

Sample ID: **MB-236914** Client ID: Units: **ug/L** Prep Date: **01/24/2017** Run No: **334927**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236914** Analysis Date: **01/24/2017** Seq No: **7306307**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge
Workorder: 1701G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 236914

Sample ID: **MB-236914** Client ID: Units: **ug/L** Prep Date: **01/24/2017** Run No: **334927**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236914** Analysis Date: **01/24/2017** Seq No: **7306307**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	48.66	0	50.00		97.3	66.1	129				
Surr: Dibromofluoromethane	51.70	0	50.00		103	83.6	123				
Surr: Toluene-d8	47.53	0	50.00		95.1	81.8	118				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge
Workorder: 1701G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 236914

Sample ID: **LCS-236914** Client ID: Units: **ug/L** Prep Date: **01/24/2017** Run No: **334927**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236914** Analysis Date: **01/24/2017** Seq No: **7306306**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.13	5.0	50.00		104	68	139				
Benzene	48.30	5.0	50.00		96.6	74	125				
Chlorobenzene	53.63	5.0	50.00		107	75.7	123				
Toluene	50.56	5.0	50.00		101	75.9	126				
Trichloroethene	49.95	5.0	50.00		99.9	70.6	129				
Surr: 4-Bromofluorobenzene	48.31	0	50.00		96.6	66.1	129				
Surr: Dibromofluoromethane	50.91	0	50.00		102	83.6	123				
Surr: Toluene-d8	46.73	0	50.00		93.5	81.8	118				

Sample ID: **1701G22-012AMS** Client ID: **17017-MW-41** Units: **ug/L** Prep Date: **01/24/2017** Run No: **335004**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236914** Analysis Date: **01/24/2017** Seq No: **7308634**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	22420	2500	25000		89.7	64.3	149				
Benzene	23140	2500	25000		92.5	71.6	132				
Chlorobenzene	26090	2500	25000		104	73.1	126				
Toluene	30660	2500	25000	5875	99.1	72.5	135				
Trichloroethene	156100	2500	25000	130900	101	70.2	132				E
Surr: 4-Bromofluorobenzene	25440	0	25000		102	66.1	129				
Surr: Dibromofluoromethane	24020	0	25000		96.1	83.6	123				
Surr: Toluene-d8	22910	0	25000		91.6	81.8	118				

Sample ID: **1701G22-012AMSD** Client ID: **17017-MW-41** Units: **ug/L** Prep Date: **01/24/2017** Run No: **335004**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236914** Analysis Date: **01/24/2017** Seq No: **7308635**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20260	2500	25000		81.0	64.3	149	22420	10.1	30.8	
Benzene	22720	2500	25000		90.9	71.6	132	23140	1.83	20.7	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge
Workorder: 1701G22

ANALYTICAL QC SUMMARY REPORT

BatchID: 236914

Sample ID: **1701G22-012AMSD** Client ID: **17017-MW-41** Units: **ug/L** Prep Date: **01/24/2017** Run No: **335004**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236914** Analysis Date: **01/24/2017** Seq No: **7308635**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	25220	2500	25000		101	73.1	126	26090	3.39	26.6	
Toluene	30090	2500	25000	5875	96.8	72.5	135	30660	1.89	23.2	
Trichloroethene	152700	2500	25000	130900	87.4	70.2	132	156100	2.21	27.7	E
Surr: 4-Bromofluorobenzene	25030	0	25000		100	66.1	129	25440	0	0	
Surr: Dibromofluoromethane	23850	0	25000		95.4	83.6	123	24020	0	0	
Surr: Toluene-d8	23570	0	25000		94.3	81.8	118	22910	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 27, 2017

Timmerly Bullman
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: Lafarge (LRM)

Dear Timmerly Bullman: Order No: 1701H83

Analytical Environmental Services, Inc. received 1 samples on 1/20/2017 12:00:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Chris Pafford
Project Manager

3080 Presidential Drive • Atlanta, Georgia 30340 • Tel: 770.457.8177 • Fax: 770.457.8188 • Toll Free: 800.972.4889
www.aesatlanta.com

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1701483

Date: 1-20-17 Page 1 of 1

COMPANY:	ADDRESS:
EPS	1050 Crown Pointe Pkwy Ste 550 Atlanta, GA 30338
PHONE: 404-315-9113	FAX:
SAMPLED BY: J. Terry, A. Testoff	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED: VOCs	PRESERVATION (See codes): HCl	REMARKS	No # of Containers
1	17020-MW-28	1-20-17	1055	X		GW	X	X		2
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1-20-17 1200	1: Dorita Omorai	1/20/17 12:00
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Lafarge (LRM)
PROJECT #:
SITE ADDRESS: East Point, GA
SEND REPORT TO: tbullman@envplanning.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 2

Turnaround Time Request
- (●) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush **(auth req.)**
- ( ) Other _____

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17020-MW-28
Project Name:	Lafarge (LRM)	**Collection Date:**	1/20/2017 10:55:00 AM
Lab ID:	1701H83-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,1-Dichloroethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,1-Dichloroethene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,2-Dibromoethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,2-Dichloroethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,2-Dichloropropane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
2-Butanone	BRL	50		ug/L	236975	1	01/26/2017 13:11	NP
2-Hexanone	BRL	10		ug/L	236975	1	01/26/2017 13:11	NP
4-Methyl-2-pentanone	BRL	10		ug/L	236975	1	01/26/2017 13:11	NP
Acetone	BRL	50		ug/L	236975	1	01/26/2017 13:11	NP
Benzene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Bromodichloromethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Bromoform	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Bromomethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Carbon disulfide	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Carbon tetrachloride	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Chlorobenzene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Chloroethane	BRL	10		ug/L	236975	1	01/26/2017 13:11	NP
Chloroform	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Chloromethane	BRL	10		ug/L	236975	1	01/26/2017 13:11	NP
cis-1,2-Dichloroethene	2500	250		ug/L	236975	50	01/26/2017 06:45	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Cyclohexane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Dibromochloromethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Dichlorodifluoromethane	BRL	10		ug/L	236975	1	01/26/2017 13:11	NP
Ethylbenzene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Freon-113	BRL	10		ug/L	236975	1	01/26/2017 13:11	NP
Isopropylbenzene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
m,p-Xylene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Methyl acetate	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Methylcyclohexane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Methylene chloride	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
o-Xylene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 26-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17020-MW-28
Project Name:	Lafarge (LRM)	**Collection Date:**	1/20/2017 10:55:00 AM
Lab ID:	1701H83-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Tetrachloroethene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Toluene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Trichloroethene	140	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Trichlorofluoromethane	BRL	5.0		ug/L	236975	1	01/26/2017 13:11	NP
Vinyl chloride	6.2	2.0		ug/L	236975	1	01/26/2017 13:11	NP
Surr: 4-Bromofluorobenzene	84.7	66.1-129		%REC	236975	50	01/26/2017 06:45	NP
Surr: 4-Bromofluorobenzene	91.7	66.1-129		%REC	236975	1	01/26/2017 13:11	NP
Surr: Dibromofluoromethane	115	83.6-123		%REC	236975	50	01/26/2017 06:45	NP
Surr: Dibromofluoromethane	112	83.6-123		%REC	236975	1	01/26/2017 13:11	NP
Surr: Toluene-d8	95.5	81.8-118		%REC	236975	50	01/26/2017 06:45	NP
Surr: Toluene-d8	94.4	81.8-118		%REC	236975	1	01/26/2017 13:11	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EPS Work Order Number 1701H83

Checklist completed by Susan Sumner 1/25/17
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 4.1° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge (LRM)
Workorder: 1701H83

ANALYTICAL QC SUMMARY REPORT

BatchID: 236975

Sample ID: **MB-236975**	Client ID:		Units: **ug/L**	Prep Date: **01/26/2017**	Run No: **335103**
SampleType: **MBLK**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **236975**	Analysis Date: **01/26/2017**	Seq No: **7311154**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge (LRM)
Workorder: 1701H83

ANALYTICAL QC SUMMARY REPORT

BatchID: 236975

Sample ID: **MB-236975** Client ID: Units: **ug/L** Prep Date: **01/26/2017** Run No: **335103**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236975** Analysis Date: **01/26/2017** Seq No: **7311154**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	43.38	0	50.00		86.8	66.1	129				
Surr: Dibromofluoromethane	57.76	0	50.00		116	83.6	123				
Surr: Toluene-d8	47.55	0	50.00		95.1	81.8	118				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge (LRM)
Workorder: 1701H83

ANALYTICAL QC SUMMARY REPORT

BatchID: 236975

Sample ID: **LCS-236975** Client ID: Units: **ug/L** Prep Date: **01/26/2017** Run No: **335103**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236975** Analysis Date: **01/26/2017** Seq No: **7311153**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.84	5.0	50.00		112	68	139				
Benzene	52.11	5.0	50.00		104	74	125				
Chlorobenzene	56.55	5.0	50.00		113	75.7	123				
Toluene	54.16	5.0	50.00		108	75.9	126				
Trichloroethene	51.68	5.0	50.00		103	70.6	129				
Surr: 4-Bromofluorobenzene	43.56	0	50.00		87.1	66.1	129				
Surr: Dibromofluoromethane	55.90	0	50.00		112	83.6	123				
Surr: Toluene-d8	46.83	0	50.00		93.7	81.8	118				

Sample ID: **1701K63-001AMS** Client ID: Units: **ug/L** Prep Date: **01/26/2017** Run No: **335103**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236975** Analysis Date: **01/26/2017** Seq No: **7311156**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2422	250	2500		96.9	64.3	149				
Benzene	2346	250	2500		93.9	71.6	132				
Chlorobenzene	2582	250	2500		103	73.1	126				
Toluene	2418	250	2500		96.7	72.5	135				
Trichloroethene	2306	250	2500		92.2	70.2	132				
Surr: 4-Bromofluorobenzene	2423	0	2500		96.9	66.1	129				
Surr: Dibromofluoromethane	2676	0	2500		107	83.6	123				
Surr: Toluene-d8	2303	0	2500		92.1	81.8	118				

Sample ID: **1701K63-001AMSD** Client ID: Units: **ug/L** Prep Date: **01/26/2017** Run No: **335103**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236975** Analysis Date: **01/26/2017** Seq No: **7311158**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2458	250	2500		98.3	64.3	149	2422	1.43	30.8	
Benzene	2360	250	2500		94.4	71.6	132	2346	0.552	20.7	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Lafarge (LRM)
Workorder: 1701H83

ANALYTICAL QC SUMMARY REPORT

BatchID: 236975

Sample ID: **1701K63-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **01/26/2017** Run No: **335103**
BatchID: **236975** Analysis Date: **01/26/2017** Seq No: **7311158**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2612	250	2500		104	73.1	126	2582	1.17	26.6	
Toluene	2462	250	2500		98.5	72.5	135	2418	1.80	23.2	
Trichloroethene	2322	250	2500		92.9	70.2	132	2306	0.735	27.7	
Surr: 4-Bromofluorobenzene	2322	0	2500		92.9	66.1	129	2423	0	0	
Surr: Dibromofluoromethane	2724	0	2500		109	83.6	123	2676	0	0	
Surr: Toluene-d8	2345	0	2500		93.8	81.8	118	2303	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 13, 2017

Timmerly Bullman
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: LRM

Dear Timmerly Bullman: Order No: 1701404

Analytical Environmental Services, Inc. received 2 samples on January 6, 2017 11:00 am for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Chris Pafford
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1701404

Date: 1-5-17 Page 1 of 1

COMPANY:	ADDRESS:
EPS Inc.	1050 Crown Pointe Pkwy Ste 550 Atlanta, GA 30338
PHONE: 404 315 9113	FAX:
SAMPLED BY: Alex Testoff	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED: VOCs	PRESERVATION (See codes): H+I	REMARKS	No # of Containers
1	17005-SP-1	1-5-17	1430	X		GW	X			4
2	Trip Blank					W	X			2
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Alex Testoff	1-5-17 1100	1: Nenita Onesin	1/6/17 11:00
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: LRM

PROJECT #:

SITE ADDRESS: East Point, GA

SEND REPORT TO: tbullman@enviplanning.com & atestoff@enviplanning.com

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 6

Turnaround Time Request

- (●) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Analytical Environmental Services, Inc

Date: 11-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17005-SP-1
Project Name:	LRM	**Collection Date:**	1/5/2017 2:30:00 PM
Lab ID:	1701404-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,3-Dichlorobenzene	10	5.0		ug/L	236147	1	01/10/2017 17:32	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
2-Butanone	BRL	50		ug/L	236147	1	01/10/2017 17:32	BN
2-Hexanone	BRL	10		ug/L	236147	1	01/10/2017 17:32	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236147	1	01/10/2017 17:32	BN
Acetone	BRL	50		ug/L	236147	1	01/10/2017 17:32	BN
Benzene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Bromodichloromethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Bromoform	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Bromomethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Carbon disulfide	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Carbon tetrachloride	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Chlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Chloroethane	BRL	10		ug/L	236147	1	01/10/2017 17:32	BN
Chloroform	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Chloromethane	BRL	10		ug/L	236147	1	01/10/2017 17:32	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Cyclohexane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Dibromochloromethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Dichlorodifluoromethane	BRL	10		ug/L	236147	1	01/10/2017 17:32	BN
Ethylbenzene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Freon-113	BRL	10		ug/L	236147	1	01/10/2017 17:32	BN
Isopropylbenzene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
m,p-Xylene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Methyl acetate	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Methylcyclohexane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Methylene chloride	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
o-Xylene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 11-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	17005-SP-1
Project Name:	LRM	**Collection Date:**	1/5/2017 2:30:00 PM
Lab ID:	1701404-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Tetrachloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Toluene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Trichloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236147	1	01/10/2017 17:32	BN
Vinyl chloride	BRL	2.0		ug/L	236147	1	01/10/2017 17:32	BN
Surr: 4-Bromofluorobenzene	95.6	66.1-129		%REC	236147	1	01/10/2017 17:32	BN
Surr: Dibromofluoromethane	119	83.6-123		%REC	236147	1	01/10/2017 17:32	BN
Surr: Toluene-d8	109	81.8-118		%REC	236147	1	01/10/2017 17:32	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 11-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	LRM	**Collection Date:**	1/6/2017
Lab ID:	1701404-002	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,1-Dichloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,1-Dichloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,2-Dibromoethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,2-Dichloroethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,2-Dichloropropane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
2-Butanone	BRL	50		ug/L	236147	1	01/10/2017 15:40	BN
2-Hexanone	BRL	10		ug/L	236147	1	01/10/2017 15:40	BN
4-Methyl-2-pentanone	BRL	10		ug/L	236147	1	01/10/2017 15:40	BN
Acetone	BRL	50		ug/L	236147	1	01/10/2017 15:40	BN
Benzene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Bromodichloromethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Bromoform	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Bromomethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Carbon disulfide	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Carbon tetrachloride	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Chlorobenzene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Chloroethane	BRL	10		ug/L	236147	1	01/10/2017 15:40	BN
Chloroform	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Chloromethane	BRL	10		ug/L	236147	1	01/10/2017 15:40	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Cyclohexane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Dibromochloromethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Dichlorodifluoromethane	BRL	10		ug/L	236147	1	01/10/2017 15:40	BN
Ethylbenzene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Freon-113	BRL	10		ug/L	236147	1	01/10/2017 15:40	BN
Isopropylbenzene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
m,p-Xylene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Methyl acetate	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Methylcyclohexane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Methylene chloride	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
o-Xylene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 11-Jan-17

Client:	Environmental Planning Specialists, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	LRM	**Collection Date:**	1/6/2017
Lab ID:	1701404-002	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Tetrachloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Toluene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Trichloroethene	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Trichlorofluoromethane	BRL	5.0		ug/L	236147	1	01/10/2017 15:40	BN
Vinyl chloride	BRL	2.0		ug/L	236147	1	01/10/2017 15:40	BN
Surr: 4-Bromofluorobenzene	95	66.1-129		%REC	236147	1	01/10/2017 15:40	BN
Surr: Dibromofluoromethane	118	83.6-123		%REC	236147	1	01/10/2017 15:40	BN
Surr: Toluene-d8	110	81.8-118		%REC	236147	1	01/10/2017 15:40	BN

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EPS Work Order Number 1701404

Checklist completed by _____ 1/6/2017
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 1.4°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: LRM
Workorder: 1701404

ANALYTICAL QC SUMMARY REPORT

BatchID: 236147

Sample ID: **MB-236147** Client ID: Units: **ug/L** Prep Date: **01/10/2017** Run No: **333884**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236147** Analysis Date: **01/10/2017** Seq No: **7279464**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: LRM
Workorder: 1701404

ANALYTICAL QC SUMMARY REPORT

BatchID: 236147

Sample ID: **MB-236147** Client ID: Units: **ug/L** Prep Date: **01/10/2017** Run No: **333884**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236147** Analysis Date: **01/10/2017** Seq No: **7279464**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	48.42	0	50.00		96.8	66.1	129				
Surr: Dibromofluoromethane	52.05	0	50.00		104	83.6	123				
Surr: Toluene-d8	49.01	0	50.00		98.0	81.8	118				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: LRM
Workorder: 1701404

ANALYTICAL QC SUMMARY REPORT

BatchID: 236147

Sample ID: **LCS-236147** Client ID: Units: **ug/L** Prep Date: **01/10/2017** Run No: **333884**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236147** Analysis Date: **01/10/2017** Seq No: **7279463**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.29	5.0	50.00		113	68	139				
Benzene	53.48	5.0	50.00		107	74	125				
Chlorobenzene	50.92	5.0	50.00		102	75.7	123				
Toluene	55.43	5.0	50.00		111	75.9	126				
Trichloroethene	54.61	5.0	50.00		109	70.6	129				
Surr: 4-Bromofluorobenzene	49.04	0	50.00		98.1	66.1	129				
Surr: Dibromofluoromethane	54.25	0	50.00		108	83.6	123				
Surr: Toluene-d8	50.88	0	50.00		102	81.8	118				

Sample ID: **1701404-001AMS** Client ID: **17005-SP-1** Units: **ug/L** Prep Date: **01/10/2017** Run No: **333884**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236147** Analysis Date: **01/10/2017** Seq No: **7281990**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	535.2	50	500.0		107	64.3	149				
Benzene	526.5	50	500.0		105	71.6	132				
Chlorobenzene	510.4	50	500.0		102	73.1	126				
Toluene	532.9	50	500.0		107	72.5	135				
Trichloroethene	512.6	50	500.0		103	70.2	132				
Surr: 4-Bromofluorobenzene	473.7	0	500.0		94.7	66.1	129				
Surr: Dibromofluoromethane	514.5	0	500.0		103	83.6	123				
Surr: Toluene-d8	486.9	0	500.0		97.4	81.8	118				

Sample ID: **1701404-001AMSD** Client ID: **17005-SP-1** Units: **ug/L** Prep Date: **01/10/2017** Run No: **333884**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236147** Analysis Date: **01/10/2017** Seq No: **7281994**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	592.3	50	500.0		118	64.3	149	535.2	10.1	30.8	
Benzene	527.4	50	500.0		105	71.6	132	526.5	0.171	20.7	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: LRM
Workorder: 1701404

ANALYTICAL QC SUMMARY REPORT

BatchID: 236147

Sample ID: **1701404-001AMSD** Client ID: **17005-SP-1** Units: **ug/L** Prep Date: **01/10/2017** Run No: **333884**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **236147** Analysis Date: **01/10/2017** Seq No: **7281994**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	503.5	50	500.0		101	73.1	126	510.4	1.36	26.6	
Toluene	560.9	50	500.0		112	72.5	135	532.9	5.12	23.2	
Trichloroethene	503.3	50	500.0		101	70.2	132	512.6	1.83	27.7	
Surr: 4-Bromofluorobenzene	481.2	0	500.0		96.2	66.1	129	473.7	0	0	
Surr: Dibromofluoromethane	547.8	0	500.0		110	83.6	123	514.5	0	0	
Surr: Toluene-d8	529.2	0	500.0		106	81.8	118	486.9	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Mobile Geochemistry Inc.

24 January 2017

Mr. Jim Fineis
Atlas Geo-Sampling Company
120 Nottaway Lane
Alpharetta, GA 30009

H&P Project: AG011317-12
Client Project: LRM / East Point

Dear Mr. Jim Fineis:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 13-Jan-17 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis La Roux
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-1S	E701053-01	Vapor	09-Jan-17	13-Jan-17
SG-2S	E701053-02	Vapor	09-Jan-17	13-Jan-17
SG-6S	E701053-03	Vapor	09-Jan-17	13-Jan-17
SG-6D	E701053-04	Vapor	09-Jan-17	13-Jan-17
SG-7S	E701053-05	Vapor	09-Jan-17	13-Jan-17
SG-7D	E701053-06	Vapor	09-Jan-17	13-Jan-17
SG-8S	E701053-07	Vapor	09-Jan-17	13-Jan-17
SG-8D	E701053-08	Vapor	09-Jan-17	13-Jan-17
SG-3S	E701053-09	Vapor	09-Jan-17	13-Jan-17
SG-3D	E701053-10	Vapor	09-Jan-17	13-Jan-17
SG-5S	E701053-11	Vapor	09-Jan-17	13-Jan-17
SG-5D	E701053-12	Vapor	09-Jan-17	13-Jan-17
SG-4S	E701053-13	Vapor	09-Jan-17	13-Jan-17
SG-4D	E701053-14	Vapor	09-Jan-17	13-Jan-17

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DETECTIONS SUMMARY

Sample ID: **SG-1S** Laboratory ID: **E701053-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
trans-1,2-Dichloroethene	**15**	8.0	ug/m3	EPA TO-15	
cis-1,2-Dichloroethene	**500**	4.0	ug/m3	EPA TO-15	
1,1,1-Trichloroethane	**7.1**	5.5	ug/m3	EPA TO-15	
Trichloroethene	**1500**	5.5	ug/m3	EPA TO-15	
Toluene	**4.1**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**16**	6.9	ug/m3	EPA TO-15	

Sample ID: **SG-2S** Laboratory ID: **E701053-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
4-Methyl-2-pentanone (MIBK)	**10**	8.3	ug/m3	EPA TO-15	
Toluene	**5.5**	3.8	ug/m3	EPA TO-15	

Sample ID: **SG-6S** Laboratory ID: **E701053-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**6.7**	5.5	ug/m3	EPA TO-15	
Toluene	**13**	3.8	ug/m3	EPA TO-15	

Sample ID: **SG-6D** Laboratory ID: **E701053-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	**8.3**	5.5	ug/m3	EPA TO-15	
Toluene	**4.3**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**9.3**	6.9	ug/m3	EPA TO-15	

Sample ID: **SG-7S** Laboratory ID: **E701053-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**14**	3.8	ug/m3	EPA TO-15	

Sample ID: **SG-7D** Laboratory ID: **E701053-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**120**	4.9	ug/m3	EPA TO-15	
Trichloroethene	**23**	5.5	ug/m3	EPA TO-15	
Toluene	**11**	3.8	ug/m3	EPA TO-15	

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Sample ID: **SG-7D** Laboratory ID: **E701053-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**24**	6.9	ug/m3	EPA TO-15	

Sample ID: **SG-8S** Laboratory ID: **E701053-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**6.7**	3.2	ug/m3	EPA TO-15	
Toluene	**22**	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	**18**	6.9	ug/m3	EPA TO-15	
m,p-Xylene	**12**	8.8	ug/m3	EPA TO-15	
o-Xylene	**4.8**	4.4	ug/m3	EPA TO-15	

Sample ID: **SG-8D** Laboratory ID: **E701053-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichlorofluoromethane (F11)	**10**	5.6	ug/m3	EPA TO-15	
Benzene	**9.3**	3.2	ug/m3	EPA TO-15	
Toluene	**38**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**7.8**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**29**	8.8	ug/m3	EPA TO-15	
o-Xylene	**11**	4.4	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**6.8**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**9.1**	5.0	ug/m3	EPA TO-15	

Sample ID: **SG-3S** Laboratory ID: **E701053-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**8.1**	5.5	ug/m3	EPA TO-15	
Toluene	**15**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**4.5**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**28**	8.8	ug/m3	EPA TO-15	
o-Xylene	**8.4**	4.4	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**7.6**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**18**	5.0	ug/m3	EPA TO-15	

Sample ID: **SG-3D** Laboratory ID: **E701053-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**52**	5.5	ug/m3	EPA TO-15	
Toluene	**4.9**	3.8	ug/m3	EPA TO-15	

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Sample ID: **SG-3D** Laboratory ID: **E701053-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**8.3**	6.9	ug/m3	EPA TO-15	

Sample ID: **SG-5S** Laboratory ID: **E701053-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**15**	13	ug/m3	EPA TO-15	
Benzene	**130**	16	ug/m3	EPA TO-15	
Trichloroethene	**31**	27	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	**100**	41	ug/m3	EPA TO-15	
Toluene	**160**	19	ug/m3	EPA TO-15	
Ethylbenzene	**130**	22	ug/m3	EPA TO-15	
m,p-Xylene	**100**	44	ug/m3	EPA TO-15	
o-Xylene	**42**	22	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**68**	25	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**79**	25	ug/m3	EPA TO-15	

Sample ID: **SG-5D** Laboratory ID: **E701053-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**150**	16	ug/m3	EPA TO-15	
Trichloroethene	**120**	27	ug/m3	EPA TO-15	
Toluene	**49**	19	ug/m3	EPA TO-15	
Tetrachloroethene	**600**	34	ug/m3	EPA TO-15	
Ethylbenzene	**58**	22	ug/m3	EPA TO-15	
m,p-Xylene	**580**	44	ug/m3	EPA TO-15	
o-Xylene	**100**	22	ug/m3	EPA TO-15	
4-Ethyltoluene	**55**	25	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**380**	25	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**160**	25	ug/m3	EPA TO-15	

Sample ID: **SG-4S** Laboratory ID: **E701053-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
m,p-Xylene	**10**	8.8	ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	**12**	5.0	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	**8.4**	5.0	ug/m3	EPA TO-15	

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Sample ID: **SG-4D** Laboratory ID: **E701053-14**

Analyte	Result	Reporting Limit	Units	Method	Notes
Carbon disulfide	**11**	6.3	ug/m3	EPA TO-15	
Benzene	**27**	3.2	ug/m3	EPA TO-15	
Toluene	**52**	3.8	ug/m3	EPA TO-15	
Ethylbenzene	**5.9**	4.4	ug/m3	EPA TO-15	
m,p-Xylene	**18**	8.8	ug/m3	EPA TO-15	
o-Xylene	**5.1**	4.4	ug/m3	EPA TO-15	

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Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-1S (E701053-01) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**15**	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**500**	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	**7.1**	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	**1500**	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**4.1**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**16**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	

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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-1S (E701053-01) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromoform	ND	10	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*73.1 %*		*76-134*	"	"	"	"	*S-GC*
Surrogate: Toluene-d8		*107 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.9 %*		*77-127*	"	"	"	"	
SG-2S (E701053-02) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-2S (E701053-02) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromodichloromethane	ND	6.8	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**10**	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**5.5**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*75.1 %*		*76-134*	"	"	"	"	*S-GC*
Surrogate: Toluene-d8		*101 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.5 %*		*77-127*	"	"	"	"	

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Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-6S (E701053-03) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	**6.7**	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**13**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	

H&P Mobile
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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-6S (E701053-03) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromoform	ND	10	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*77.0 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.4 %*		*77-127*	"	"	"	"	
SG-6D (E701053-04) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	**8.3**	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-6D (E701053-04) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromodichloromethane	ND	6.8	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**4.3**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**9.3**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*76.8 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.2 %*		*77-127*	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-7S (E701053-05) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**14**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-7S (E701053-05) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromoform	ND	10	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*79.0 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.7 %*		*77-127*	"	"	"	"	
SG-7D (E701053-06) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	**120**	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	**23**	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-7D (E701053-06) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromodichloromethane	ND	6.8	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**11**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**24**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*81.2 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*104 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.9 %*		*77-127*	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-8S (E701053-07) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**6.7**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**22**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**18**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**12**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**4.8**	4.4	"	"	"	"	"	"	

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120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-8S (E701053-07) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromoform	ND	10	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*75.0 %*		*76-134*	"	"	"	"	*S-GC*
Surrogate: Toluene-d8		*105 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.0 %*		*77-127*	"	"	"	"	
SG-8D (E701053-08) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	**10**	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**9.3**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-8D (E701053-08) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromodichloromethane	ND	6.8	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**38**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**7.8**	4.4	"	"	"	"	"	"	
m,p-Xylene	**29**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**11**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**6.8**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**9.1**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*70.8 %*	*76-134*		*"*	*"*	*"*	*"*	*S-GC*
Surrogate: Toluene-d8		*107 %*	*78-125*		*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*89.3 %*	*77-127*		*"*	*"*	*"*	*"*	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-3S (E701053-09) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	**8.1**	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**15**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**4.5**	4.4	"	"	"	"	"	"	
m,p-Xylene	**28**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**8.4**	4.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-3S (E701053-09) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromoform	ND	10	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**7.6**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**18**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*77.1 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88.8 %*		*77-127*	"	"	"	"	
SG-3D (E701053-10) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	**52**	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-3D (E701053-10) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromodichloromethane	ND	6.8	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**4.9**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	**8.3**	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*74.4 %*		*76-134*	*"*	*"*	*"*	*"*	*S-GC*
Surrogate: Toluene-d8		*105 %*		*78-125*	*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*90.4 %*		*77-127*	*"*	*"*	*"*	*"*	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-5S (E701053-11) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	25	ug/m3	5	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	10	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	35	"	"	"	"	"	"	
Vinyl chloride	**15**	13	"	"	"	"	"	"	
Bromomethane	ND	79	"	"	"	"	"	"	
Chloroethane	ND	40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	28	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	18	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	"	"	"	"	"	"	
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**130**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	32	"	"	"	"	"	"	
Trichloroethene	**31**	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	
Bromodichloromethane	ND	34	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	**100**	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
Toluene	**160**	19	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	28	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	43	"	"	"	"	"	"	
Tetrachloroethene	ND	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	**130**	22	"	"	"	"	"	"	
m,p-Xylene	**100**	44	"	"	"	"	"	"	
Styrene	ND	22	"	"	"	"	"	"	
o-Xylene	**42**	22	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-5S (E701053-11) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromoform	ND	52	ug/m3	5	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
4-Ethyltoluene	ND	25	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**68**	25	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**79**	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	190	"	"	"	"	"	"	
Hexachlorobutadiene	ND	270	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*83.9 %*		*76-134*	"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*78.3 %*		*77-127*	"	"	"	"	
SG-5D (E701053-12) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	25	ug/m3	5	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	10	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	35	"	"	"	"	"	"	
Vinyl chloride	ND	13	"	"	"	"	"	"	
Bromomethane	ND	79	"	"	"	"	"	"	
Chloroethane	ND	40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	28	"	"	"	"	"	"	
1,1-Dichloroethene	ND	20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	39	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	18	"	"	"	"	"	"	
Carbon disulfide	ND	32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	40	"	"	"	"	"	"	
1,1-Dichloroethane	ND	21	"	"	"	"	"	"	
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	20	"	"	"	"	"	"	
Chloroform	ND	25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	21	"	"	"	"	"	"	
Benzene	**150**	16	"	"	"	"	"	"	
Carbon tetrachloride	ND	32	"	"	"	"	"	"	
Trichloroethene	**120**	27	"	"	"	"	"	"	
1,2-Dichloropropane	ND	47	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-5D (E701053-12) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromodichloromethane	ND	34	ug/m3	5	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
cis-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	23	"	"	"	"	"	"	
Toluene	**49**	19	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	28	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	41	"	"	"	"	"	"	
Dibromochloromethane	ND	43	"	"	"	"	"	"	
Tetrachloroethene	**600**	34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
Chlorobenzene	ND	23	"	"	"	"	"	"	
Ethylbenzene	**58**	22	"	"	"	"	"	"	
m,p-Xylene	**580**	44	"	"	"	"	"	"	
Styrene	ND	22	"	"	"	"	"	"	
o-Xylene	**100**	22	"	"	"	"	"	"	
Bromoform	ND	52	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	35	"	"	"	"	"	"	
4-Ethyltoluene	**55**	25	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**380**	25	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**160**	25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	190	"	"	"	"	"	"	
Hexachlorobutadiene	ND	270	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*		*76-134*	*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*133 %*		*78-125*	*"*	*"*	*"*	*"*	*S-04*
Surrogate: 4-Bromofluorobenzene		*98.2 %*		*77-127*	*"*	*"*	*"*	*"*	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-4S (E701053-13) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	ND	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**10**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

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Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-4S (E701053-13) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromoform	ND	10	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**12**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**8.4**	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*75.7 %*		*76-134*	"	"	"	"	*S-GC*
Surrogate: Toluene-d8		*109 %*		*78-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.7 %*		*77-127*	"	"	"	"	
SG-4D (E701053-14) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	**11**	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	**27**	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
SG-4D (E701053-14) Vapor Sampled: 09-Jan-17 Received: 13-Jan-17									
Bromodichloromethane	ND	6.8	ug/m3	1	EA72002	20-Jan-17	20-Jan-17	EPA TO-15	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	**52**	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	**5.9**	4.4	"	"	"	"	"	"	
m,p-Xylene	**18**	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	**5.1**	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*76.5 %*		*76-134*	*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*106 %*		*78-125*	*"*	*"*	*"*	*"*	
Surrogate: 4-Bromofluorobenzene		*89.9 %*		*77-127*	*"*	*"*	*"*	*"*	

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120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA72002 - TO-15										
Blank (EA72002-BLK1)				Prepared & Analyzed: 20-Jan-17						
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3							
Chloromethane	ND	2.1	"							
Dichlorotetrafluoroethane (F114)	ND	7.1	"							
Vinyl chloride	ND	2.6	"							
Bromomethane	ND	16	"							
Chloroethane	ND	8.0	"							
Trichlorofluoromethane (F11)	ND	5.6	"							
1,1-Dichloroethene	ND	4.0	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"							
Methylene chloride (Dichloromethane)	ND	3.5	"							
Carbon disulfide	ND	6.3	"							
trans-1,2-Dichloroethene	ND	8.0	"							
1,1-Dichloroethane	ND	4.1	"							
2-Butanone (MEK)	ND	30	"							
cis-1,2-Dichloroethene	ND	4.0	"							
Chloroform	ND	4.9	"							
1,1,1-Trichloroethane	ND	5.5	"							
1,2-Dichloroethane (EDC)	ND	4.1	"							
Benzene	ND	3.2	"							
Carbon tetrachloride	ND	6.4	"							
Trichloroethene	ND	5.5	"							
1,2-Dichloropropane	ND	9.4	"							
Bromodichloromethane	ND	6.8	"							
cis-1,3-Dichloropropene	ND	4.6	"							
4-Methyl-2-pentanone (MIBK)	ND	8.3	"							
trans-1,3-Dichloropropene	ND	4.6	"							
Toluene	ND	3.8	"							
1,1,2-Trichloroethane	ND	5.5	"							
2-Hexanone (MBK)	ND	8.3	"							
Dibromochloromethane	ND	8.6	"							
Tetrachloroethene	ND	6.9	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,1,1,2-Tetrachloroethane	ND	7.0	"							
Chlorobenzene	ND	4.7	"							

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120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA72002 - TO-15										
Blank (EA72002-BLK1)				Prepared & Analyzed: 20-Jan-17						
Ethylbenzene	ND	4.4	ug/m3							
m,p-Xylene	ND	8.8	"							
Styrene	ND	4.3	"							
o-Xylene	ND	4.4	"							
Bromoform	ND	10	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
4-Ethyltoluene	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	12	"							
1,4-Dichlorobenzene	ND	12	"							
1,2-Dichlorobenzene	ND	12	"							
1,2,4-Trichlorobenzene	ND	38	"							
Hexachlorobutadiene	ND	54	"							
Surrogate: 1,2-Dichloroethane-d4	*186*		*"*	*214*		*86.7*	*76-134*			
Surrogate: Toluene-d8	*218*		*"*	*207*		*105*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*332*		*"*	*364*		*91.2*	*77-127*			
LCS (EA72002-BS1)				Prepared & Analyzed: 20-Jan-17						
Dichlorodifluoromethane (F12)	100	5.0	ug/m3	101		100	59-128			
Vinyl chloride	49	2.6	"	52.0		95.0	64-127			
Chloroethane	48	8.0	"	53.6		88.9	63-127			
Trichlorofluoromethane (F11)	100	5.6	"	113		91.2	62-126			
1,1-Dichloroethene	70	4.0	"	80.8		86.8	61-133			
1,1,2-Trichlorotrifluoroethane (F113)	140	7.7	"	155		92.1	66-126			
Methylene chloride (Dichloromethane)	75	3.5	"	70.8		106	62-115			
trans-1,2-Dichloroethene	68	8.0	"	80.8		84.0	67-124			
1,1-Dichloroethane	72	4.1	"	82.4		87.9	68-126			
cis-1,2-Dichloroethene	77	4.0	"	80.0		96.2	70-121			
Chloroform	89	4.9	"	99.2		89.7	68-123			
1,1,1-Trichloroethane	100	5.5	"	111		90.3	68-125			
1,2-Dichloroethane (EDC)	76	4.1	"	82.4		92.3	65-128			
Benzene	58	3.2	"	64.8		90.2	69-119			

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Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA72002 - TO-15										
LCS (EA72002-BS1)				Prepared & Analyzed: 20-Jan-17						
Carbon tetrachloride	110	6.4	ug/m3	128		89.3	68-132			
Trichloroethene	130	5.5	"	110		118	71-123			
Toluene	86	3.8	"	76.8		112	66-119			
1,1,2-Trichloroethane	110	5.5	"	111		101	73-119			
Tetrachloroethene	140	6.9	"	138		99.2	66-124			
1,1,1,2-Tetrachloroethane	140	7.0	"	140		100	67-129			
Ethylbenzene	89	4.4	"	88.4		100	70-124			
m,p-Xylene	87	8.8	"	88.4		98.5	61-134			
o-Xylene	85	4.4	"	88.4		96.4	67-125			
1,1,2,2-Tetrachloroethane	110	7.0	"	140		81.7	65-127			
Surrogate: 1,2-Dichloroethane-d4	*181*		*"*	*214*		*84.5*	*76-134*			
Surrogate: Toluene-d8	*203*		*"*	*207*		*97.8*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*348*		*"*	*364*		*95.3*	*77-127*			
LCS Dup (EA72002-BSD1)				Prepared & Analyzed: 20-Jan-17						
Dichlorodifluoromethane (F12)	110	5.0	ug/m3	101		105	59-128	4.08	25	
Vinyl chloride	54	2.6	"	52.0		103	64-127	7.96	25	
Chloroethane	54	8.0	"	53.6		99.9	63-127	11.6	25	
Trichlorofluoromethane (F11)	110	5.6	"	113		93.1	62-126	2.05	25	
1,1-Dichloroethene	82	4.0	"	80.8		101	61-133	15.2	25	
1,1,2-Trichlorotrifluoroethane (F113)	150	7.7	"	155		95.1	66-126	3.19	25	
Methylene chloride (Dichloromethane)	75	3.5	"	70.8		106	62-115	0.705	25	
trans-1,2-Dichloroethene	72	8.0	"	80.8		89.5	67-124	6.31	25	
1,1-Dichloroethane	76	4.1	"	82.4		92.5	68-126	5.14	25	
cis-1,2-Dichloroethene	82	4.0	"	80.0		102	70-121	6.18	25	
Chloroform	93	4.9	"	99.2		93.6	68-123	4.29	25	
1,1,1-Trichloroethane	100	5.5	"	111		94.2	68-125	4.20	25	
1,2-Dichloroethane (EDC)	79	4.1	"	82.4		96.2	65-128	4.12	25	
Benzene	63	3.2	"	64.8		96.5	69-119	6.74	25	
Carbon tetrachloride	110	6.4	"	128		85.2	68-132	4.69	25	
Trichloroethene	130	5.5	"	110		121	71-123	2.83	25	
Toluene	89	3.8	"	76.8		116	66-119	3.62	25	
1,1,2-Trichloroethane	120	5.5	"	111		106	73-119	4.22	25	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA72002 - TO-15										
LCS Dup (EA72002-BSD1)				Prepared & Analyzed: 20-Jan-17						
Tetrachloroethene	140	6.9	ug/m3	138		103	66-124	3.70	25	
1,1,1,2-Tetrachloroethane	140	7.0	"	140		101	67-129	0.297	25	
Ethylbenzene	93	4.4	"	88.4		105	70-124	4.74	25	
m,p-Xylene	91	8.8	"	88.4		102	61-134	3.91	25	
o-Xylene	88	4.4	"	88.4		99.4	67-125	3.05	25	
1,1,2,2-Tetrachloroethane	110	7.0	"	140		81.8	65-127	0.122	25	
Surrogate: 1,2-Dichloroethane-d4	*185*		*"*	*214*		*86.2*	*76-134*			
Surrogate: Toluene-d8	*205*		*"*	*207*		*99.1*	*78-125*			
Surrogate: 4-Bromofluorobenzene	*340*		*"*	*364*		*93.2*	*77-127*			

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Atlas Geo-Sampling Company	Project: AG011317-12	
120 Nottaway Lane	Project Number: LRM / East Point	Reported:
Alpharetta, GA 30009	Project Manager: Mr. Jim Fineis	24-Jan-17 15:22

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L15-279-R1

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

H&P Mobile Geochemistry, Inc.

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VAPOR / AIR Chain of Custody

DATE: 1-11-17
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: Atlas Geo Sampling	Project Name / #: LRM
Lab Client Project Manager: Jim Fineis	Project Location: East Point
Lab Client Address: 120 Nottaway Line	Report E-Mail(s): tbullman@cnvplanning.com jimfineis@atlas-geo.com
Lab Client City, State, Zip: Alpharetta GA 30009	
Phone Number: 770 883 3332	

Reporting Requirements
- [x] Standard Report [ ] Level III [ ] Level IV
- [x] Excel EDD [ ] Other EDD:
- [ ] CA Geotracker Global ID:

Turnaround Time
- [x] 5-7 day Stnd [ ] 24-Hr Rush
- [ ] 3-day Rush [ ] Mobile Lab
- [ ] 48-Hr Rush [ ] Other:

Sampler Information
Sampler(s): Jim Fineis
Signature:
Date: 1-11-17

Sample Receipt (Lab Use Only)

Date Rec'd: 1/13/17 Control #: 170014.01
H&P Project # AG011317-12
Lab Work Order # E701053
Sample Intact: [X] Yes [ ] No [ ] See Notes Below
Receipt Gauge ID: 11167 Temp: RT
Outside Lab:
Receipt Notes/Tracking #: 1293TT61875179 6620
Valve on 286 Rec'd open, but Quick Connect operating correctly - KRi 1/17/17
Lab PM Initials: SN

Additional Instructions to Laboratory:

* Preferred VOC units (please choose one):
[ ] µg/L [x] µg/m³ [ ] ppbv [ ] ppmv

SAMPLE NAME	Flow ID FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List [ ] 8260SV [x] TO-15	VOCs Short List / Project List [ ] 8260SV [ ] TO-15	Oxygenates [ ] 8260SV [ ] TO-15	Naphthalene [ ] 8260SV [ ] TO-15	TPHv as Gas [ ] 8260SV/m [ ] TO-15m	Aromatic/Aliphatic Fractions [ ] 8260SV/m [ ] TO-15m	Leak Check Compound [ ] DFA [ ] IPA [ ] He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 [ ] CO2 [ ] O2 [ ] N2				
SG-1S	096	01/09/17	0855	SV	Summa	007	1.64	X													
SG-2S	036	1/9/17	~~0856~~ 0902	SV	400 Summa	215	1.81	X													
SG-6S	184	1/9/17	0933	SV	400 Summa	271	.47	X													
SG-6D	014	1/9/17	0941	SV	400 Summa	154	.45	X													
SG-7S	258	1/9/17	0951	SV	400 Summa	002	.67	X													
SG-7D	218	1/9/17	0956	SV	400 Summa	059	1.30	X													
SG-8S	254	1/9/17	1013	SV	400 Summa	064	1.26	X													
SG-8D	197	1/9/17	1017	SV	400 Summa	163	1.74	X													
SG-3S	171	1/9/17	1037	SV	400 Summa	149	1.71	X													
SG-3D	209	1/9/17	1053	SV	400 Summa	383	.82	X													

	Company	Date	Time		Company	Date	Time
Approved/Relinquished by:	ATLAS	1-11-17	930	Received by: Jon Unsworth	H&P	1/13/17	130pm
Approved/Relinquished by:	Company	Date	Time	Received by:	Company	Date	Time
Approved/Relinquished by:	Company	Date	Time	Received by:	Company	Date	Time

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 1-11-17
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: Atlas GeoSampling	Project Name / #: LRM
Lab Client Project Manager: Jim Fines	Project Location: East Point
Lab Client Address: 120 Mettawa Ln	Report E-Mail(s): tbullman@enviplanning.com
Lab Client City, State, Zip: Alpharetta GA 30009	JimFines@atlasgeo.com
Phone Number: 770 883 3372	

Reporting Requirements
- [x] Standard Report [ ] Level III [ ] Level IV
- [x] Excel EDD [ ] Other EDD:
- [ ] CA Geotracker Global ID:

Turnaround Time
- [x] ~~8-7~~ day Stnd [ ] 24-Hr Rush
- [ ] 3-day Rush [ ] Mobile Lab
- [ ] 48-Hr Rush [ ] Other:

Sampler Information
- Sampler(s): Jim Fines
- Signature:
- Date: 1-16-17

Sample Receipt (Lab Use Only)

Date Rec'd: 1/13/17	Control #: 170014.01
H&P Project #	AG011317-12
Lab Work Order #	E701053
Sample Intact: [ ] Yes [ ] No [ ] See Notes Below	
Receipt Gauge ID: 11167	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #: 4420	
Lab PM Initials: SN	

Additional Instructions to Laboratory:

* Preferred VOC units (please choose one):
[ ] µg/L [x] µg/m³ [ ] ppbv [ ] ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List [x] TO-15	VOCs Short List / Project List [ ] TO-15	Oxygenates [ ] TO-15	Naphthalene [ ] TO-15	TPHv as Gas [ ] TO-15m	Aromatic/Aliphatic Fractions [ ] TO-15m	Leak Check Compound [ ] DFA [ ] IPA [ ] He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 [ ] CO2 [ ] O2 [ ] N2				
SG-5S	269	1/9/17	1119	SV	400 Summa	286	1.72	X													
SG-5D	301	1/9/17	1130	SV	400 Summa	264	1.53	X													
SG-4S	319	1/9/17	1243	SV	400 Summa	126	-.93	X													
SG-4D	165	1/9/17	1250	SV	400 Summa	~~138~~ 307	-1.95	X													

Approved/Relinquished by:	Company: A4los	Date: 1-11-17	Time: 920	Received by: Jon Unsworth	Company: H&P	Date: 1/13/17	Time: 1:30pm
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

APPENDIX G
Groundwater Sampling Forms

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-18-17

Well ID: MW-2 **Field Conditions:** p. cloudy, 67°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** Y **Condition of surrounding area:** unimproved area, south of work lot

Well depth from TOC: 27.7 **Depth to Water from TOC:** 13.57

Well Diameter (in): 2 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 14.13

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.3 **Three Well Volumes (gal):** 6.9

Purging Method: low flow, low volume **Time @ Start of Purge:** 1310

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 23 ft (BTOC) **Final Depth of Pump/Tubing:** 23 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1330	0.6	21.68	7.57	-134	0.285	18.2	1.38	15.10	Purge rate: 0.036pm
1345	1	22.48	7.61	-145	0.301	12.2	0	15.10	
1353	1.2	22.62	7.57	-149	0.306	9.8	0	15.10	
1400	1.4	22.67	7.58	-153	0.309	9.1	0	15.10	
1410	1.7	22.71	7.53	-151	0.300	7.9	0	15.10	

Water Quality Meter (Make/Model/SN): Horiba / U-52 / T6WFPVF9

Pump (Make/Model): GeoTech / Geopump

Sample ID: 17018-MW-2 Time Collected: 1415

Technician Signature

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-19-17

Well ID: MW-7 **Field Conditions:** ~70°F, p. cloudy

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (1 bolt) **Condition of surrounding area:** asphalt parking lot

Well depth from TOC: 37.68* **Depth to Water from TOC:** 14.95

Well Diameter (in): **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 22.73 ft.

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 3.64 gal **Three Well Volumes (gal):** 10.92

Purging Method: low flow, low volume **Time @ Start of Purge:** 0930

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 26 ft (BTOC) **Final Depth of Pump/Tubing:** 26 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0942	0.36	19.43	7.61	110	0.151	2.4	9.37	15.02	Appears that the monitoring well may have been used as a dual-phase extraction well. There is 2-inch to 1-inch reducer bushing on the top (the well is 2"). The depth is also not what has been historically recorded (62.5').
0952	0.66	20.07	7.66	106	0.149	2.9	7.55	15.03	
1002	0.96	20.84	7.60	105	0.148	3.5	6.54	15.03	
1012	1.26	21.22	7.60	120	0.147	5.7	5.45	15.04	
~~1022~~ 1017	1.56	21.28	7.58	120	0.147	4.5	4.93	15.04	purge rate: 0.03 gpm

Water Quality Meter (Make/Model/SN): Horiba U-52 WQ FPUF9

Pump (Make/Model): peristaltic pump

Sample ID: 170119-MW-7 Time Collected: 1020 Technician Signature: [signature]

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: MW-11 **Field Conditions:** m.cloudy, 57°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: ~~flush mount~~ stick up QT 1-17-17 **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** Y **Condition of surrounding area:** unimproved surface near parking lot

Well depth from TOC: 106.3 **Depth to Water from TOC:** 16.70

Well Diameter (in): 2 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 89.6

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 14.3 **Three Well Volumes (gal):** 42.9

Purging Method: low flow, low volume **Time @ Start of Purge:** 0935

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 99 ft (BTOC) **Final Depth of Pump/Tubing:** 99 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0948	0.5	17.74	5.36	278	0.124	0	0	16.90	Purge rate: 0.04 GPM
0955	0.8	18.29	5.37	271	0.123	0	0	16.90	
1005	1.2	18.73	5.34	260	0.123	0	0	16.90	
1015	1.6	18.78	5.38	254	0.122	0	0	16.90	

Water Quality Meter (Make/Model/SN): Horiba/U-52/F2P6MB5V

Pump (Make/Model): Geotech/Geopump

Sample ID: 17017 - MW-11 Time Collected: 1015 Technician Signature: Joe Terry

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-18-2017

Well ID: MW-17 **Field Conditions:** ~65°F, overcast

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** N **Condition of surrounding area:** concrete

Well depth from TOC: 36.30 **Depth to Water from TOC:** 20.68

Well Diameter (in): 2" **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 15.62 ft

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.50 gal **Three Well Volumes (gal):** 7.50

Purging Method: low flow, low volume **Time @ Start of Purge:** 1100

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 28 ft (BTOC) **Final Depth of Pump/Tubing:** 28 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1110	0.40	20.13	6.25	-11	2.30	4.2	0.0	21.30	purge rate: 0.04 gpm
1120	0.70	20.21	6.28	-23	2.13	3.0	0.0	21.28	slowed purge rate to 0.02 gpm
1130	1.0	20.31	6.26	-26	2.04	3.3	0.0	21.28	
1140	1.30	20.42	6.26	-28	1.89	3.0	0.0	21.28	
1150	1.6	20.50	6.25	-32	1.48	3.0	6.0	21.28	
1200	1.9	20.52	6.26	-33	1.31	2.5	0.0	21.28	
1210	2.2	20.51	6.26	-34	1.15	2.9	0.0	21.28	
1215	2.35	20.54	6.26	-35	1.05	2.5	0.0	21.28	
1220	2.5	20.57	6.27	-36	0.960	2.5	0.0	21.28	
1300	3.7	20.40	6.23	-39	0.530	1.3	0.0	21.28	
1310	4.0	20.45	6.23	-39	0.528	1.8	0.0	21.29	
1320	4.3	20.49	6.24	-38	0.527	1.2	0.0	21.28	

Water Quality Meter (Make/Model/SN): F2P6MB5V

Pump (Make/Model): peristaltic pump

Sample ID: 17018-MW-17 Time Collected: ~~1115~~ 1325 (ANT)

Technician Signature: Alex Testoff

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-18-17

Well ID: MW-20 **Field Conditions:** overcast, light rain, 63°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: ~~flush mount~~ Stick up JT 1-18-17 **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** Y **Condition of surrounding area:** unimproved area near south lot

Well depth from TOC: 27.5' **Depth to Water from TOC:** 10.24

Well Diameter (in): 2 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 17.26

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.8 **Three Well Volumes (gal):** 8.4

Purging Method: low flow, low volume **Time @ Start of Purge:** 0945

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 19 ft (BTOC) **Final Depth of Pump/Tubing:** 19 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1015	1.5	19.62	6.66	199	0.227	0.9	0	10.54	Purge rate: 0.05 GPM
1020	1.75	19.76	6.63	195	0.228	1	0	10.54	
1025	2	19.77	6.66	194	0.227	1	0	10.54	
1030	2.25	19.80	6.66	193	0.227	1.1	0	10.54	

Water Quality Meter (Make/Model/SN): Horiba/U-52/TbWFPVF9

Pump (Make/Model): Geotech/Geopump

Sample ID: 17018-MW-20 Time Collected: 1030 Technician Signature: Joe Terry

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-19-17

Well ID: MW-21 **Field Conditions:** p.cloudy, 53°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** Y (security bolts) **Condition of surrounding area:** parking lot

Well depth from TOC: 25 **Depth to Water from TOC:** 15.35

Well Diameter (in): 2 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 9.65

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 1.5 **Three Well Volumes (gal):** 4.5

Purging Method: low flow, low volume **Time @ Start of Purge:** 0715

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 20 ft (BTOC) **Final Depth of Pump/Tubing:** 20 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0737	0.66	19.83	6.81	-60	0.330	5.2	5.98	15.64	purge rate: 0.03 gpm
0755	1.2	20.51	6.85	-70	0.361	3.5	2.36	15.70	
0812	1.7	20.46	6.88	-68	0.375	2.8	0.95	15.70	
0830	2.2	20.58	6.85	-62	0.376	2.9	0.02	15.70	
0835	2.4	20.61	6.86	-63	0.375	2.9	0.16	15.70	

Water Quality Meter (Make/Model/SN): Horiba TiWFPVF9

Pump (Make/Model): peristaltic pump Geotech/Geopump

Sample ID: 17019-MW-21 Time Collected: 0835 Technician Signature: Jose Terry

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-18-2017

Well ID: MW-26 **Field Conditions:** ~65 °F, overcast

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** N **Condition of surrounding area:** concrete

Well depth from TOC: 23.40 **Depth to Water from TOC:** 9.37

Well Diameter (in): 2" **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 14.03 ft.

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.24 gal **Three Well Volumes (gal):** 6.73

Purging Method: low flow, low volume **Time @ Start of Purge:** 0940

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 18 ft (BTOC) **Final Depth of Pump/Tubing:** 18 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0950	0.3	18.65	5.37	202	0.114	4.2	1.35	9.44	purge rate - 0.03 gpm
1000	0.6	19.79	5.39	222	0.099	1.8	0.72	9.44	
1015	1.05	20.44	5.39	239	0.097	0.7	0.36	9.45	
1025	1.35	20.66	5.38	245	0.096	0.0	0.25	9.45	

Water Quality Meter (Make/Model/SN): Horiba F12PCMBS ✓

Pump (Make/Model): peristaltic pump

Sample ID: 17018-MW-26 Time Collected: 1030 Technician Signature: Alex Testoff

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-20-17

Well ID: MW-28 **Field Conditions:** cloudy, 64°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (i.d. bolted w/ security bolts) **Condition of surrounding area:** unimproved area near north lot

Well depth from TOC: 23.5' **Depth to Water from TOC:** 6.39

Well Diameter (in): 2 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 17.11

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.7 **Three Well Volumes (gal):** 8.1

Purging Method: low flow, low volume **Time @ Start of Purge:** 0945

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 17 ft (BTOC) **Final Depth of Pump/Tubing:** 17 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1021	1.8	19.20	6.17	85.6	0.279	29.7	2.49	7.47	Purge rate: 0.05 GPM
1031	2.3	19.10	6.08	84.6	0.248	17.6	1.71	7.47	
1041	2.8	19.32	6.03	89.4	0.245	11.4	1.48	7.47	
1051	3.3	19.34	6.02	88.5	0.244	9.8	1.47	7.47	

Water Quality Meter (Make/Model/SN): YSI/556/06A2173AL turbidity meter: LaMotte/2020e/ME12953

Pump (Make/Model): Geotech/Geopump

Sample ID: 17020-MW-28 Time Collected: 1055 Technician Signature: Abby Testoff

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** ~~7-18-17~~ 1-19-17 (JT)

Well ID: MW-32 **Field Conditions:** p. cloudy, 53 °F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N **Condition of surrounding area:** asphalt

Well depth from TOC: 60 **Depth to Water from TOC:** 17.63

Well Diameter (in): 2" **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 42.37 ft

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 6.78 gal **Three Well Volumes (gal):** 20.34

Purging Method: low flow, low volume **Time @ Start of Purge:** 0705

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 55 ft (BTOC) **Final Depth of Pump/Tubing:** 55 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0733	1.4	19.41	7.54	-8	0.176	0.2	0.00	19.30	purge rate: 0.05 gpm
0743	1.8	19.51	7.63	-40	0.166	0.0	0.00	19.30	slowed purge rate to 0.04 gpm
0753	2.2	19.58	7.60	-44	0.160	0.0	0.00	19.31	
0803	2.6	19.60	7.57	-44	0.158	0.0	0.00	19.31	
0813	3.0	19.40	7.55	-39	0.157	0.0	0.00	19.31	

Water Quality Meter (Make/Model/SN): Horiba F-72 MB5V

Pump (Make/Model): peristaltic pump

Sample ID: 17019-MW-32 Time Collected: 0815 Technician Signature: Alley Testoff

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 11-17-17

Well ID: MW-37
Sampling Performed By: A. Testoff, J. Terry
Well Construction: flush mount
Well Labeled: N **Well Cap:** Y **Well Locked:** N (bolted)
Well depth from TOC: 24.0
Well Diameter (in): 2"
Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 20.44
Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 3.27 gal
Purging Method: low flow, low volume
Sample Method: direct/straw
Initial Depth of Pump/Tubing: 20 ft (BTOC) **Final Depth of Pump/Tubing:** 20 ft (BTOC)

Field Conditions: ~70 °F, clear
General Condition of Well: good
Condition of surrounding area: grass
Depth to Water from TOC: 3.56
Method of measure: Water Level Meter
Three Well Volumes (gal): 9.81 gal
Time @ Start of Purge: 1055
Sample Parameters: VOCs

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1105	~~CANT 0.5~~ 0.2	20.17	5.87	249	0.100	0.0	5.07	3.57	purge rate: 0.07 gpm
1115	~~CANT 1.0~~ 0.4	20.95	5.90	244	~~0.096~~ 0.096	0.0	1.42	3.57	
1125	~~CANT 1.5~~ 0.6	21.33	5.91	241	0.098	2.9	3.77	~~3.57~~	
1135	~~CANT 2.0~~ 0.8	21.54	5.92	236	0.097	3.3	0.23	3.57	

Water Quality Meter (Make/Model/SN): TGWF-PVF9 Horiba
Pump (Make/Model): peristaltic pump

Sample ID: 17017 - MW-37
Time Collected: 1140
Technician Signature: Alex Testoff

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: MW-38 **Field Conditions:** m, cloudy, 57°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (rod bolted) **Condition of surrounding area:** unimproved area

Well depth from TOC: 26 **Depth to Water from TOC:** 11.91

Well Diameter (in): 2 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 14.19

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.27 gal **Three Well Volumes (gal):** 6.81

Purging Method: low flow, low volume **Time @ Start of Purge:** 0910

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 21 ft (BTOC) **Final Depth of Pump/Tubing:** 21 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0935	1.25	18.39	4.86	318	0.094	2.0	7.60	11.91	purge rate: 0.05 gpm
0945	1.75	18.49	4.87	347	0.093	2.9	6.09	11.91	
0955	2.25	18.78	4.86	367	0.091	0.0	5.07	11.91	
1005	2.75	18.86	4.87	371	0.092	0.0	4.54	11.92	

Water Quality Meter (Make/Model/SN): Horiba/U-52/T6WFPVFQ

Pump (Make/Model): Geotech / Geopump

Sample ID: 17017-MW-38 Time Collected: 1010 Technician Signature: Alex Testoff

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: MW-39 **Field Conditions:** m. cloudy, 73°F, 10-14 mph SW

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (lid bolted) **Condition of surrounding area:** damaged area near west lot

Well depth from TOC: 30 **Depth to Water from TOC:** 16.63

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 13.37

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 0.5 **Three Well Volumes (gal):** 1.5

Purging Method: low flow, low volume **Time @ Start of Purge:** 1403

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 25 ft (BTOC) **Final Depth of Pump/Tubing:** 25 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1425	0.9	22.51	6.50	-1	0.099	7.6	0	18.45	Purge rate: 0.04 GPM
1430	1.1	22.92	6.18	11	0.097	6.0	0	18.45	
1435	1.3	23.11	6.05	16	0.096	5.7	0	18.45	
1440	1.5	23.55	5.85	24	0.095	3.5	0	18.45	
1445	1.7	23.58	6.18	21	0.095	4.3	0	18.45	
1450	1.9	23.51	6.17	7	0.095	3.41	0	18.45	
1500	2.3	23.39	6.18	0	0.095	0.9	0	18.45	

Water Quality Meter (Make/Model/SN): Horiba/U-52/F2P6MB5V

Pump (Make/Model): Geotech/Geopump

Sample ID: 17017-MW-39 Time Collected: 1500 Technician Signature: Joe Terry

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: MW-40 **Field Conditions:** m.cloudy, 73°F SW 10-14 mph

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (1 bolt lost) **Condition of surrounding area:** unimproved area near west lot

Well depth from TOC: 60 **Depth to Water from TOC:** 15.80

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 44.2

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 1.8 **Three Well Volumes (gal):** 5.4

Purging Method: low flow, low volume **Time @ Start of Purge:** 1410

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 55 ft (BTOC) **Final Depth of Pump/Tubing:** 55 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1430	1.0	21.61	6.42	31	0.115	1.7	0.24	16.27	purge rate: 0.05 GPM
1435	1.25	21.63	6.39	32	0.114	1.1	0.01	16.28	
1440	1.5	21.87	6.39	31	0.114	1.9	0.00	16.28	
1445	1.75	21.73	6.39	31	0.114	5.7	0.00	16.29	

Water Quality Meter (Make/Model/SN): Horiba / U-52 / T6WFPVF9

Pump (Make/Model): Geotech / Geopump

Sample ID: 17017-MW-40 Time Collected: 1450 Technician Signature: Alex Testoff

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: MW-41 **Field Conditions:** m. cloudy, 73°F, SW 10-14 mph

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (lid bolted) **Condition of surrounding area:** unimproved area near west lot

Well depth from TOC: 100 **Depth to Water from TOC:** 18.15

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 81.85

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 3.3 **Three Well Volumes (gal):** 9.9

Purging Method: low flow, low volume **Time @ Start of Purge:** 1400

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 95 ft (BTOC) **Final Depth of Pump/Tubing:** 95 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1505	1.3	21.66	8.11	-141	0.339	13	0	32.41	Purge rate: 0.02 GPM
1510	1.4	21.71	8.13	-138	0.335	9.8	0	32.41	
1515	1.5	21.67	8.15	-143	0.328	9.2	0	32.41	
1520	1.6	21.62	8.16	-143	0.325	9.1	0	32.41	
1525	1.7	21.67	8.16	-138	0.322	9.4	0	32.41	

Water Quality Meter (Make/Model/SN): Horiba / U-52 / T6WFPVF9

Pump (Make/Model): Solinst / 409 2-valve

Sample ID: 17017-MW-41 Time Collected: 1525 Technician Signature: Joe Terry

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: MW-42 **Field Conditions:** cloudy, 55°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (1 did locked) **Condition of surrounding area:** asphalt parking area

Well depth from TOC: 30 **Depth to Water from TOC:** 16.53

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 13.47

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 0.54 **Three Well Volumes (gal):** 1.62

Purging Method: low flow, low volume **Time @ Start of Purge:** 0742

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 25 ft (BTOC) **Final Depth of Pump/Tubing:** 25 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0808	0.75	16.88	6.03	51	0.138	1.2	9.50	16.91	Purge rate: 0.03 GPM
0818	1.08	17.83	6.02	44	0.135	0.0	4.02	16.92	
0828	1.38	17.85	6.01	42	0.132	0.0	2.11	16.92	
0838	1.68	17.89	6.03	39	0.131	0.0	1.34	16.93	

Water Quality Meter (Make/Model/SN): Horiba / U-52 / T6WFPVF9

Pump (Make/Model): Geotech / Geopump

Sample ID: 17017-MW-42 Time Collected: 0840 Technician Signature: Alex Testoff

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: MW-45 **Field Conditions:** p.cloudy, 73°F SW 12mph

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:**

Well Labeled: Y **Well Cap:** Y **Well Locked:** N **Condition of surrounding area:**

Well depth from TOC: 68.76 **Depth to Water from TOC:** 2.37

Well Diameter (in): 4" **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 66.39

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.66 gal **Three Well Volumes (gal):** 7.98

Purging Method: low flow, low volume **Time @ Start of Purge:** 1235

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 65 ft (BTOC) **Final Depth of Pump/Tubing:** 65 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1250	0.45	21.85	5.85	61	0.112	0.0	2.45	2.96	0.03 gpm purge rate
1300	0.95	21.21	5.87	108	0.115	0.0	~~1.62~~ 1.62	2.96	0.05 gpm purge rate
1310	1.45	20.83	5.85	143	0.115	0.0	0.24	2.96	
1315	1.70	20.78	5.85	148	0.115	0.0	0.02	2.92	

Water Quality Meter (Make/Model/SN): Horiba T6WFPVFQ

Pump (Make/Model): peristaltic pump

Sample ID: 17017-MW-45 Time Collected: 1320 Technician Signature: alex Testoff

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-18-17

Well ID: MW-48 **Field Conditions:** Overcast, 63°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (lid bolted) **Condition of surrounding area:** unimproved area near north lot

Well depth from TOC: 117 **Depth to Water from TOC:** 1.83

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 115.17

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 4.6 **Three Well Volumes (gal):** 13.8

Purging Method: low flow, low volume **Time @ Start of Purge:** 0755

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 112 ft (BTOC) **Final Depth of Pump/Tubing:** 112 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0801	0.25	19.13	6.03	141	0.146	50.4	6.00	3.70	Purge rate: 0.05GPM
0811	0.75	19.28	6.02	180	0.148	33.9	0.00	4.01	slowed purge rate to 0.03 gpm
0821	1.05	19.11	6.14	175	0.151	12.2	0.00	3.85	
0831	1.35	19.23	6.18	180	0.155	3.9	0.00	3.85	
0841	1.65	19.24	6.17	180	0.156	2.8	0.00	3.85	

Water Quality Meter (Make/Model/SN): Horiba/U-52/F2P6MB5V

Pump (Make/Model): Geotech/Geopump

Sample ID: 17018-MW-48 Time Collected: 0845

17018-DUP 1200

Technician Signature: Alex Testoff

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-16-17

Well ID: MW-51 **Field Conditions:** overcast, 55°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** N (1 bolted) **Condition of surrounding area:** asphalt middle of road

Well depth from TOC: 89.50 **Depth to Water from TOC:** 22.62

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 66.88

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.7 **Three Well Volumes (gal):** 8.1

Purging Method: low flow, low volume **Time @ Start of Purge:** 0815

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 84 ft (BTOC) **Final Depth of Pump/Tubing:** 84 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0900	<0.25	15.86	7.51	-76	0.163	5.2	4.32	34.05	purge rate: 0.1 GPM
0915	0.4	17.67	7.44	-90	0.139	7.4	2.10	37.65	
0930	0.5	17.73	7.86	-117	0.17	5.4	4.17	40.00	
0940	0.6	17.97	7.82	-103	0.172	4.5	1.89	40.20	
1000	0.8	18.26	7.83	-84	0.173	3.3	1.5	40.75	
1005	0.85	18.18	7.85	-69	0.172	2.7	1.43	40.78	

Water Quality Meter (Make/Model/SN): Horiba/U-52/T6WFPNF9

Pump (Make/Model): Solinst/408 2-valve

Sample ID: 17016-MW-51 Time Collected: 1010 Technician Signature: Joe Terry

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-16-17

Well ID: MW-52 **Field Conditions:** overcast, 63°F
Sampling Performed By: A. Testoff, J. Terry
Well Construction: flush mount **General Condition of Well:** good
Well Labeled: Y **Well Cap:** Y **Well Locked:** N (but lid below) **Condition of surrounding area:** asphalt
Well depth from TOC: 21.60 **Depth to Water from TOC:** ~~14.80~~ 14.81 DT 1-16-17
Well Diameter (in): 1 **Method of measure:** Water Level Meter
Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 6.79
Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 0.3 **Three Well Volumes (gal):** 0.9
Purging Method: low flow, low volume **Time @ Start of Purge:** 1043
Sample Method: direct/straw **Sample Parameters:** VOCs
Initial Depth of Pump/Tubing: 18.5 ft (BTOC) **Final Depth of Pump/Tubing:** 18.5 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1059	0.6	19.28	9.01	-167	0.233	2.0	1.53	16.58	0.04 gpm purge rate
1110	1	19.65	8.99	-157	0.232	4.1	0.58	16.90	
1121	1.4	19.53	8.96	-155	0.231	2.5	0.35	16.87	
1131	1.8	19.69	8.93	-151	0.230	1.8	0.17	16.55	

Water Quality Meter (Make/Model/SN): Horiba/U-52/T6WFPVFG
Pump (Make/Model): (Peristaltic) Geotech Geopump

Sample ID: ~~HOLD~~ DT 1-16-17 17016-MW-52 Time Collected: 1135 Technician Signature: AT

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-16-17

Well ID: MW-53 **Field Conditions:** overcast, 63°F
Sampling Performed By: A. Testoff, J. Terry
Well Construction: flush mount **General Condition of Well:** good
Well Labeled: Y **Well Cap:** Y **Well Locked:** N (rid bolted) **Condition of surrounding area:** asphalt
Well depth from TOC: 44.90 **Depth to Water from TOC:** 14.89
Well Diameter (in): 1 **Method of measure:** Water Level Meter
Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 30.01
Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 1.2 **Three Well Volumes (gal):** 3.6
Purging Method: low flow, low volume **Time @ Start of Purge:** 1043
Sample Method: direct/straw **Sample Parameters:** VOCs
Initial Depth of Pump/Tubing: 40 ft (BTOC) **Final Depth of Pump/Tubing:** 40 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1059	0.8	18.40	6.08	143	0.159	1.3	0.76	15.31	0.05 gpm purge rate
1110	1.1	19.35	6.47	85	0.126	2.2	0.73	15.31	
1122	1.6	19.42	6.57	88	0.121	2.6	0.71	15.30	
1132	2.1	19.57	6.64	89	0.120	3.3	0.68	15.30	
1141	2.6	19.69	6.54	95	0.119	3.2	0.94	15.31	
1154	3.3	20.02	6.54	98	0.117	3.8	0.90	15.31	

Water Quality Meter (Make/Model/SN): Horiba/U-52/F2P6MB35V

Pump (Make/Model): Geotech/Geopump (peristaltic)

Sample ID: 17016-MW-53 Time Collected: 1200 Technician Signature: Alex Testoff

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-16-17

Well ID: MW-54 **Field Conditions:** overcast, 63°F
Sampling Performed By: A. Testoff, J. Terry
Well Construction: flush mount **General Condition of Well:** good
Well Labeled: Y **Well Cap:** Y **Well Locked:** N (lid bolted) **Condition of surrounding area:** asphalt
Well depth from TOC: 82.90 **Depth to Water from TOC:** 13.50
Well Diameter (in): 1 **Method of measure:** Water Level Meter
Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 69.4
Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.8 **Three Well Volumes (gal):** 8.4
Purging Method: low flow, low volume **Time @ Start of Purge:** 1045
Sample Method: direct/straw **Sample Parameters:** VOCs
Initial Depth of Pump/Tubing: 78 ft (BTOC) **Final Depth of Pump/Tubing:** 78 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1222	1	20.24	10.~~48~~	-134	0.2~~03~~	23.7	4.18	40.89	Purge rate: 0.01GPM
1235	1.1	20.93	9.69	-126	~~0.197~~ 0.178	14.6	3.29	43.71	
1245	1.2	21.34	9.66	-110	0.176	13.8	4.24	47.63	
1255	1.3	21.68	9.65	-135	0.175	10.1	3.08	49.23	
1305	1.4	21.74	9.58	-139	0.177	10.0	3.09	49.73	
1315	1.5	21.82	9.62	-137	0.176	9.7	3.07	49.78	

Water Quality Meter (Make/Model/SN): Horiba/U-52/T6WFPVF9

Pump (Make/Model): Solinst / 408 2-valve

Sample ID: 17616-MW-54 Time Collected: 1315 Technician Signature: Joe Terry

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-16-17

Well ID: MW-55 **Field Conditions:** m. cloudy, 68°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** N (lid bolted) **Condition of surrounding area:** grassy median on Norma Berry

Well depth from TOC: 17.96 **Depth to Water from TOC:** 7.30

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 10.66

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 0.43 **Three Well Volumes (gal):** 1.3

Purging Method: low flow, low volume **Time @ Start of Purge:** 1333

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 12 ft (BTOC) **Final Depth of Pump/Tubing:** 12 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1348	0.75	20.85	5.89	172	0.112	13.9	1.15	7.31	0.05 gpm purge rate
1358	1.25	20.49	5.74	180	0.107	10.6	0.00	7.31	
1408	1.75	20.46	5.75	188	0.106	8.9	0.00	7.32	
1418	2.25	20.36	5.72	190	0.106	8.8	0.00	7.32	

Water Quality Meter (Make/Model/SN): F2P6MB5V

Pump (Make/Model): peristaltic pump

Sample ID: 17016-MW-55 Time Collected: 1420 Technician Signature

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-16-17

Well ID: MW-56 **Field Conditions:** m, cloudy, 69°F
Sampling Performed By: A. Testoff, J. Terry
Well Construction: flush mount **General Condition of Well:** good
Well Labeled: Y **Well Cap:** Y **Well Locked:** N (1 bolt) **Condition of surrounding area:** unimproved surface, median on Norman Berry
Well depth from TOC: 31.34 **Depth to Water from TOC:** 7.31
Well Diameter (in): 1 **Method of measure:** Water Level Meter
Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 24.03
Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 1 **Three Well Volumes (gal):** 3
Purging Method: low flow, low volume **Time @ Start of Purge:** 1336
Sample Method: direct/straw **Sample Parameters:** VOCs
Initial Depth of Pump/Tubing: ~~30~~ 26 ft (BTOC) **Final Depth of Pump/Tubing:** 26 ft (BTOC)
DT 1-16-17

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1350	0.7	20.36	5.55	170	0.182	36.7	1.45	7.31	0.05 gpm purge rate
1400	1.2	20.29	6.74	53	0.156	6	0.24	7.31	
1410	1.7	20.12	6.84	41	0.152	3.2	0.0	7.31	
1420	2.2	20.07	6.80	34	0.149	4.0	0.0	7.31	
1430	2.7	20.03	6.81	35	0.148	2.3	0.0	7.32	

Water Quality Meter (Make/Model/SN): T6WFPVF9

Pump (Make/Model): peristaltic pump

Sample ID: 17016-MW-56 Time Collected: 1435 Technician Signature: Alex Testoff

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-16-17

Well ID: MW-57 **Field Conditions:** overcast, 68°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** N (lid bolted) **Condition of surrounding area:** unimproved surface, parking or Norman Berry

Well depth from TOC: 68.92 **Depth to Water from TOC:** 6.99

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 61.93

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 2.5 **Three Well Volumes (gal):** 7.5

Purging Method: low flow, low volume **Time @ Start of Purge:** 1408

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 63 ft (BTOC) **Final Depth of Pump/Tubing:** 63 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1433	1.25	20.04	8.45	-200	0.161	11.5	0.00	19.19	0.05 gpm purge rate
1443	1.75	20.01	8.42	-193	0.160	9.4	0.00	23.78	reduced purge rate +0.02GPM
1453	1.95	19.94	8.41	-185	0.159	9.1	0.00	23.83	
1505	2.2	20.06	8.39	-167	0.163	9.4	0.00	23.89	

Water Quality Meter (Make/Model/SN): F2PGMB5V

Pump (Make/Model): Solinst 4082 valve pump

Sample ID: 17016-MW-57 Time Collected: 1510 Technician Signature: Joe Terry

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: TW-01
Sampling Performed By: A. Testoff, J. Terry
Well Construction: flush mount
Well Labeled: N **Well Cap:** Y **Well Locked:** N (1 bolted)
Well depth from TOC: 25
Well Diameter (in): 1
Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 20.2
Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 0.8
Purging Method: low flow, low volume
Sample Method: direct/straw
Initial Depth of Pump/Tubing: 20 ft (BTOC) **Final Depth of Pump/Tubing:** 20 ft (BTOC)

Field Conditions: p.cloudy, 73°F, SW 12 mph
General Condition of Well: good
Condition of surrounding area: Unimproved area
Depth to Water from TOC: 4.80
Method of measure: Water Level Meter
Three Well Volumes (gal): 2.4
Time @ Start of Purge: 1246
Sample Parameters: VOCs

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1305	1.1	20.50	5.53	267	0.102	2.7	0	4.91	Purge rate: 0.06
1310	1.4	20.42	5.68	262	0.102	3.4	0	4.91	
1315	1.7	20.46	5.73	262	0.102	6.4	0	4.91	
1320	2	20.56	5.71	262	0.102	9.2	0	4.91	

Water Quality Meter (Make/Model/SN): Horiba/U-52/F2P6MB5V
Pump (Make/Model): Geotech/Geopump

Sample ID: 17017-TW-01 Time Collected: 1320 Technician Signature

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: TW-02 **Field Conditions:** cloudy, 55°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: N **Well Cap:** Y **Well Locked:** N (lid bolted) **Condition of surrounding area:** unimproved area near parking lot

Well depth from TOC: 40 **Depth to Water from TOC:** 17.32

Well Diameter (in): 1 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 22.68

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 0.9 **Three Well Volumes (gal):** 2.7

Purging Method: low flow, low volume **Time @ Start of Purge:** 0757

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 35 ft (BTOC) **Final Depth of Pump/Tubing:** 35 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
0810	0.65	15.32	4.86	284	0.060	23.1	0.00	17.46	purge rate: 0.05 gpm
0820	1.15	16.42	4.83	298	0.055	4.3	0.00	17.46	
0830	1.65	16.77	4.85	306	0.054	1.8	0.00	17.46	
0840	2.2	16.85	4.84	308	0.053	0.8	0.00	17.46	

Water Quality Meter (Make/Model/SN): Horiba/U-52/F2P6MB5V

Pump (Make/Model): Geotech/Geopump

Sample ID: 17017-TW-02 Time Collected: 0845 Technician Signature: Joe Terry

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-17-17

Well ID: TW-03 **Field Conditions:** m, cloudy, 59°F
Sampling Performed By: A. Testoff, J. Terry
Well Construction: flush mount **General Condition of Well:** good
Well Labeled: N **Well Cap:** Y **Well Locked:** N (locked) **Condition of surrounding area:** landscape strip between Rd & sidewalk
Well depth from TOC: 17 **Depth to Water from TOC:** 5.59
Well Diameter (in): 1 **Method of measure:** Water Level Meter
Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 11.41
Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 0.5 **Three Well Volumes (gal):** 1.5
Purging Method: low flow, low volume **Time @ Start of Purge:** 1033
Sample Method: direct/straw **Sample Parameters:** VOCs
Initial Depth of Pump/Tubing: 12 ft (BTOC) **Final Depth of Pump/Tubing:** 12 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1043	0.4	19.43	5.56	266	0.102	7.8	3.51	6.20	Purge rate: 0.04 GPM
1050	0.7	19.68	5.51	262	0.103	4.1	3.21	6.14	
1055	0.9	19.98	5.52	253	0.102	3.5	3.09	6.14	
1100	1.1	20.07	5.53	251	0.102	0.7	3.06	6.14	
1105	1.3	20.11	5.52	251	0.102	0	3.04	6.14	

Water Quality Meter (Make/Model/SN): Horiba / U-52 / F2P6MB5V

Pump (Make/Model): Geotech / Geopump

Sample ID: 1707-TW-03 Time Collected: 1105 Technician Signature

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-18-17

Well ID: RW-07 **Field Conditions:** overcast, 64°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: ~~flush mount~~ stick up @ 1-15-17 **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** Y **Condition of surrounding area:** asphalt, south parking lot

Well depth from TOC: 70.2 **Depth to Water from TOC:** 16.01

Well Diameter (in): 6 **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 54.19

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 79.6 **Three Well Volumes (gal):** 238.8

Purging Method: low flow, low volume **Time @ Start of Purge:** 1105

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 65 ft (BTOC) **Final Depth of Pump/Tubing:** 65 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1115	0.7	20.51	7.24	-104	0.343	8.4	2.32	16.05	Purge Rate: 0.07GPM
1120	1	20.62	7.24	-108	0.343	6.9	0.941	16.05	
1125	1.4	20.67	7.24	-109	0.342	5.7	0.59	16.05	
1130	1.8	20.78	7.23	-107	0.340	5.2	0	16.05	
1135	2.2	20.79	7.24	-107	0.339	5.1	0	16.05	

Water Quality Meter (Make/Model/SN): Horiba/U-52/T6WFPVFQ

Pump (Make/Model): Geotech / Geopump

Sample ID: 17018-RW-07 Time Collected: 1135 Technician Signature

EPS

Monitoring Well Sampling Form

EPS Project: LRM - East Point **Date:** 1-18-2017

Well ID: DPE-307 **Field Conditions:** p cloudy, 67°F

Sampling Performed By: A. Testoff, J. Terry

Well Construction: flush mount **General Condition of Well:** good

Well Labeled: Y **Well Cap:** Y **Well Locked:** N **Condition of surrounding area:** grass

Well depth from TOC: 30.0 **Depth to Water from TOC:** 19.36

Well Diameter (in): 4" **Method of measure:** Water Level Meter

Height (Ht) of water in well (Well depth from TOC - Static level from TOC): 10.64 ft.

Volume of water in well [Ht. x(0.04 for 1")(.16 for 2")(.653 for 4")(1.469 for 6")gal/ft]: 6.95 gal **Three Well Volumes (gal):** 20.85

Purging Method: low flow, low volume **Time @ Start of Purge:** 1340

Sample Method: direct/straw **Sample Parameters:** VOCs

Initial Depth of Pump/Tubing: 25 ft (BTOC) **Final Depth of Pump/Tubing:** 25 ft (BTOC)

Time	Volume (gal)	Temp (°C)	pH	ORP (mV)	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to Water (ft)	Comments
1350	0.6	21.96	6.25	-68	0.271	12.9	0.0	19.79	pump rate = 0.06 gpm
1400	1.2	22.19	6.26	-83	0.272	6.6	0.0	19.79	
1410	1.8	22.40	6.28	-91	0.274	8.9	0.0	19.79	
1420	2.4	22.56	6.29	-93	0.274	5.8	0.0	19.79	

Water Quality Meter (Make/Model/SN): Horiba F2PGMJB5V

Pump (Make/Model): peristaltic pump

Sample ID: 17015-DPE-307 Time Collected: 1425 Technician Signature: Alex Testoff

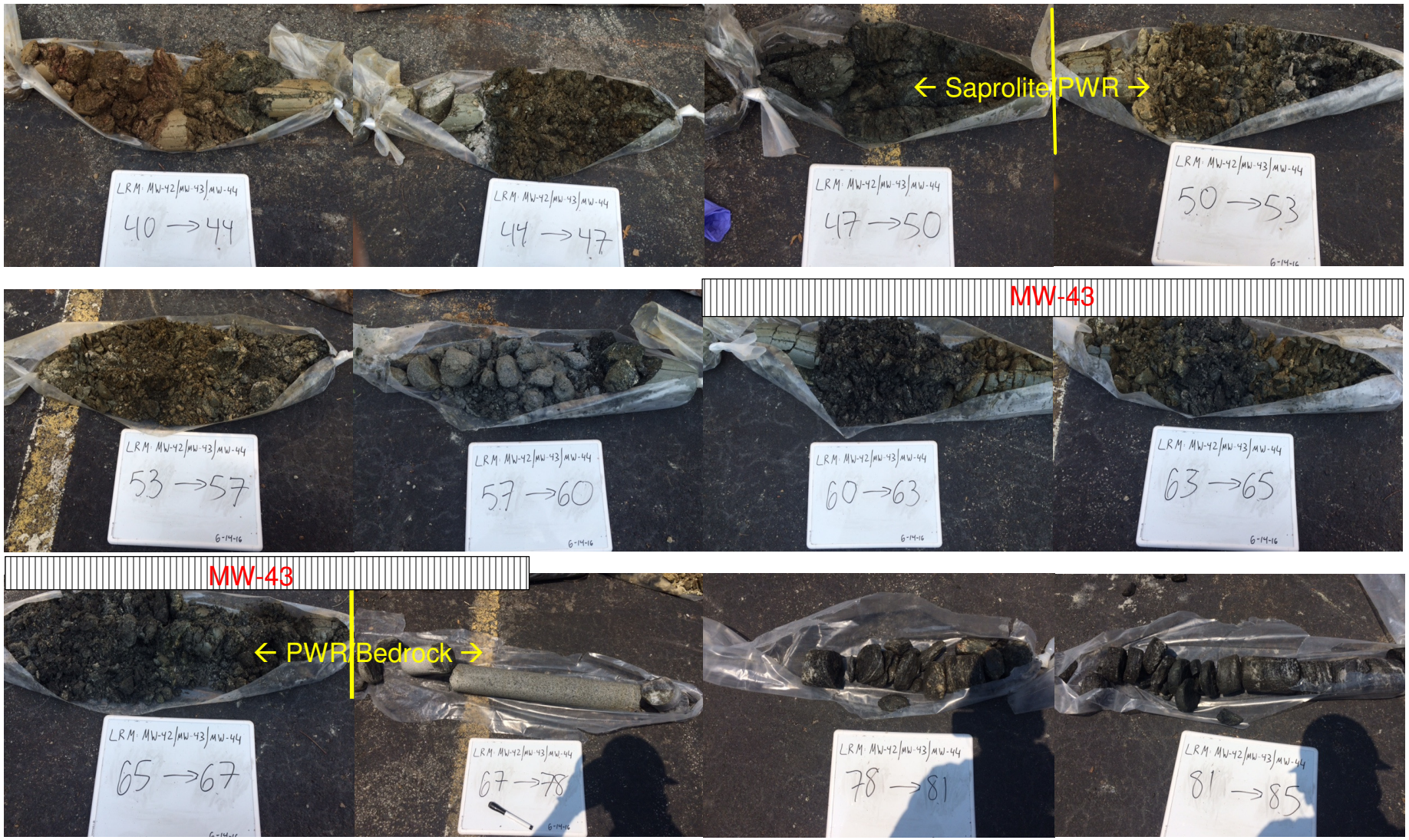
APPENDIX H
Soil Cores

Interval where well was screened

EPS
1050 Crown Pointe Parkway
Suite 550
Atlanta, GA 30338
Phone (404) 315-9113
Fax (404) 315-8509
info@envplanning.com

Lafarge Road Marketing, Inc.
2675 North Martin Street
East Point, GA 30344

MW-42/43/44 Soil Core Photo Log



Interval where well was screened

EPS
1050 Crown Pointe Parkway
Suite 550
Atlanta, GA 30338
Phone (404) 315-9113
Fax (404) 315-8509
info@envplanning.com

Lafarge Road Marketing, Inc.
2675 North Martin Street
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MW-42/43/44 Soil Core Photo Log

Interval where well was screened

EPS
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East Point, GA 30344

MW-42/43/44 Soil Core Photo Log

APPENDIX I
Groundwater Delineation

1 DELINEATION

1.1 Introduction

Groundwater delineation was presented in the Fourth Progress Report. The delineation has been updated to include the new groundwater sample location (SP-1) and incorporate the January groundwater sampling event. This location provides additional delineation northwest of the Site. The attached figures show the delineation of the COCs in groundwater. The figures show concentrations in the off-site wells, where detected. These figures show the results of monitoring wells (not remediation wells) in each of the geologic strata. The values shown are the maximum value observed in January 2015 through January 2017. Wells screened over multiple stata are shown on the figures for each stratum. It is important to note that all strata are part of the same aquifer. The distinctions between the strata are only shown to give a better understanding of the groundwater condition vertically. The primary delineation criterion for the VRP program is the Type 1 RRS. A description of the delineation of COCs in the different geologic zones is described below.

1.2 Saprolite

Figures 1 through 5 demonstrate that the petroleum hydrocarbons are fully delineated to the Type 1 RRS in all directions in saprolite. Similarly, the chlorinated ethenes (Figures 6 through 9) are fully delineated to the Type 1 RRS in all the directions, with the exception that TCE in the eastern-most location (MW-56) has a concentration (8.2 – 9.5 µg/L) that is slightly above the Type 1 RRS (5 µg/L). The TCE concentration likely diminishes to below the Type 1 RRS a relatively short distance down-gradient of MW-56 along Norman Berry Road. Thus, the TCE condition is adequately delineated in saprolite.

1.3 PWR

Figure 1 through 5 demonstrate that the petroleum hydrocarbons are fully delineated to the Type 1 RRS in all directions in PWR. Similarly, the chlorinated ethenes are fully delineated to the Type 1 RRS in all the directions, with the exception that TCE in the eastern-most location (MW-57) has a concentration (21-27 µg/L) that is slightly above the Type 1 RRS (5 µg/L). TCE is adequately delineated to the east. The TCE concentration likely diminishes to below the Type 1 RRS a relatively short distance down-gradient of MW-57 along Norman Berry Road. Thus, the TCE condition is adequately delineated in PWR.

1.4 Bedrock

As shown on Figures 1 through 5, petroleum hydrocarbons are delineated to the Type 1 RRS in bedrock, with the exception of benzene in the northernmost well (MW-51), which has concentrations (28-31 µg/L) that is slightly above the Type 1 RRS (5 µg/L). Various chlorinated ethene compound concentrations in the northern-most (MW-51) and eastern-most (MW-57) wells exceed the Type 1 RRS. Benzene and chlorinated ethene concentrations should be expected to diminish to below the Type 1 RRS further north beyond MW-51, as the land topography rises and the potentiometric surface map shows the groundwater flow direction turns abruptly to the east, mimicking the surface topography. Chlorinated ethene concentrations should also be expected to diminish to below the Type 1 RRS further east (down-gradient) beyond MW-57, for the same reason explained above for the saprolite/PWR condition.

1.5 Vertical Delineation

Deep well MW-25 (screened from 190-200 ft) provides vertical delineation for the Site, as discussed in previous reports.

1.6 Conclusion and Technical Impracticability

LRM has undertaken significant disruption of off-site property owners and expense to install these off-site delineation wells. The VRP Act recognized that rigid adherence to the delineation criteria may not be achievable or warranted, allowing for technically impracticability as a consideration, as described in 12-8-108(9):

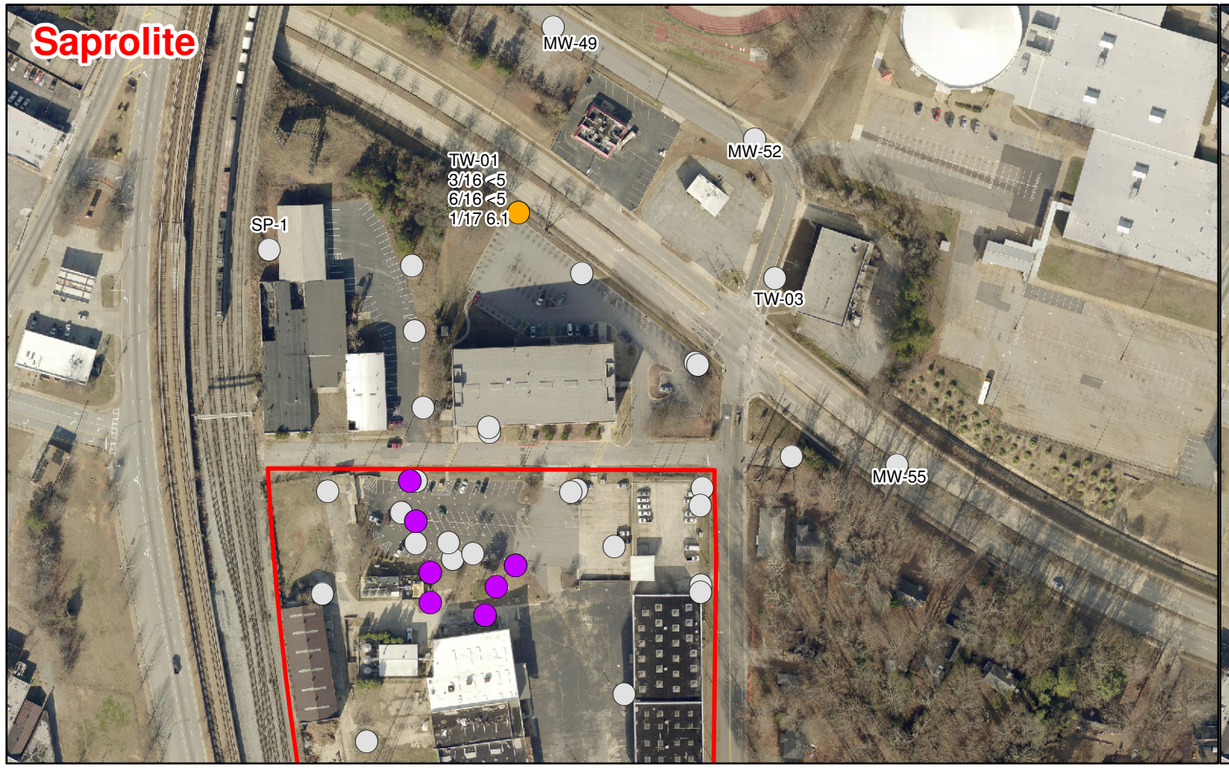
- Technical impracticability. Site delineation or remediation beyond the point of technical impracticability shall not be required if the site does not otherwise pose an imminent or substantial danger to human health and the environment.

where the definition is described in 12-8-102(b)(15) as follows:

- 'Technical impracticability' means the inability to fully delineate or remediate contamination without incremental expenditures disproportionate to the incremental benefit.

The example described in the VRP Act is precisely the condition encountered at LRM. Further support for this position is that there are no drinking water wells in the vicinity (Arcadis, 2015B). Furthermore, Fulton County Ordinance 34-112(c) requires that residences and businesses connect to public water where available, and public water is readily available in the vicinity of the Site.

Accordingly, the COCs have been adequately delineated.



Legend

- < Type 1 RRS (5 ppb)
- < NonResidential RRS (8.7 ppb)
- > NonResidential RRS
- Property Boundary

0 95 190 380

Feet

Well
Date Result in ppb

N

Benzene Delineation (Jan 2015 - Jan 2017)

EPS
F:\Lafarge\GIS\mxd\CSR\Delin_Benzene.mxd

Figure No.1

Legend

- < Type 1 and NonResidential RRS (700 ppb)
- > RRS
- Property Boundary

0 95 190 380

Feet

Well
Date Result in ppb

N

Ethyl Benzene Delineation (Jan 2015 - Jan 2017)

EPS
F:\Lafarge\GIS\mxd\CSR\Delin_EthylBenzene.mxd

Figure No.2

Legend

- < Type 1 RRS (1,000 ppb)
- < NonResidential RRS (5,200 ppb)
- > NonResidential RRS
- Property Boundary

0 95 190 380
Feet

Well
Date Result in ppb

N

Toluene Delineation (Jan 2015 - Jan 2017)

EPS
F:\Lafarge\GIS\mxd\CSR\Delin_Toluene.mxd

Figure No.3

Legend

- < Type 1 RRS (2 ppb)
- < NonResidential RRS (290 ppb)
- > NonResidential RRS
- Property Boundary

0 95 190 380

Feet

Well
Date Result in ppb

N

m&p-Xylene Delineation (Jan 2015 - Jan 2017)

EPS
F:\Lafarge\GIS\mxd\CSR\Delin_mpXylene.mxd

Figure No.4

Legend

MaxOfRespp

- < Type 1 RRS (1 ppb)
- < NonResidential RRS (290 ppb)
- > NonResidential RRS
- Property Boundary

0 95 190 380

Feet

Well
Date Result in ppb

N

o-Xylene Delineation (Jan 2015 - Jan 2017)

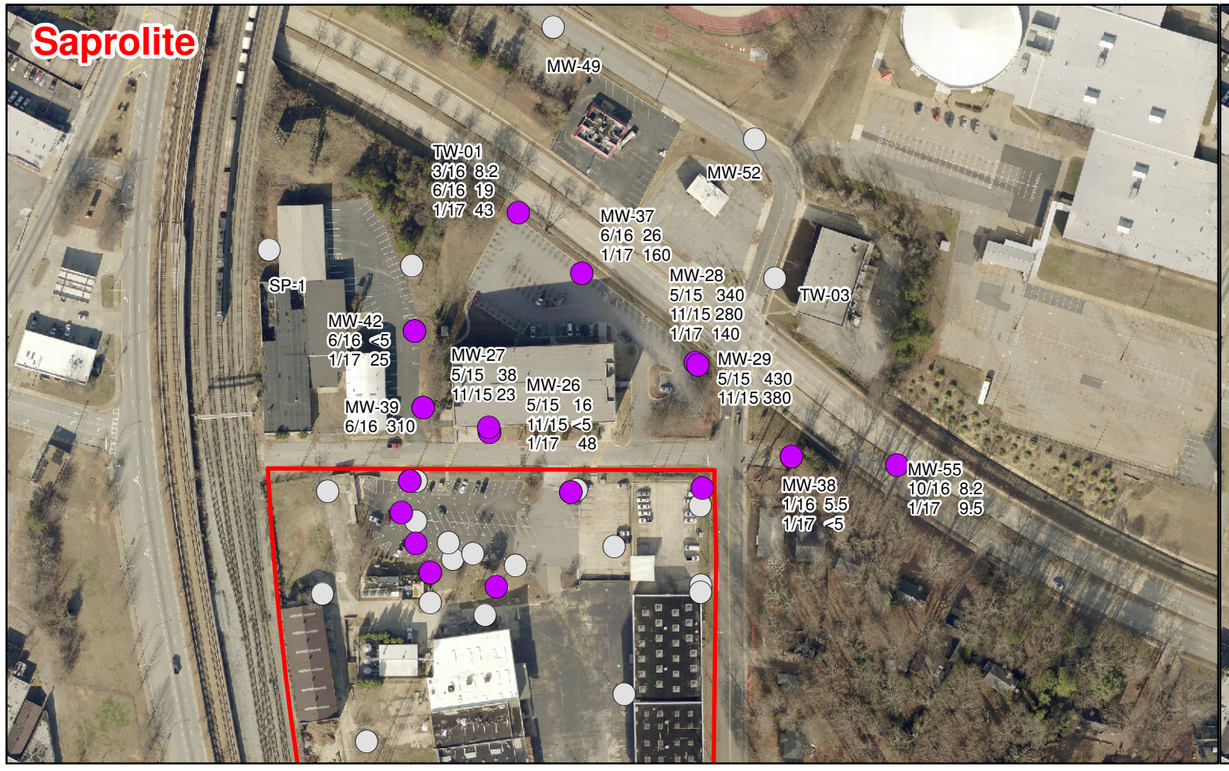
EPS
F:\Lafarge\GIS\mxd\CSR\Delin_oXylene.mxd

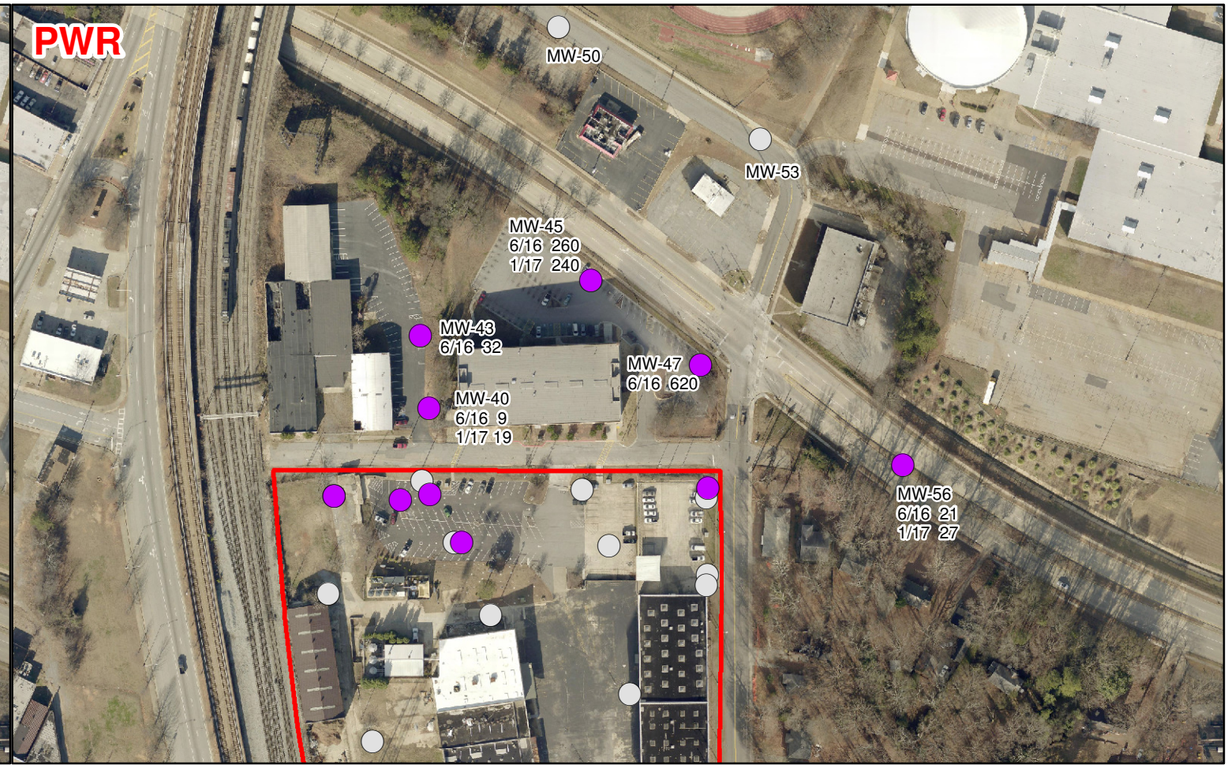
Figure No.5

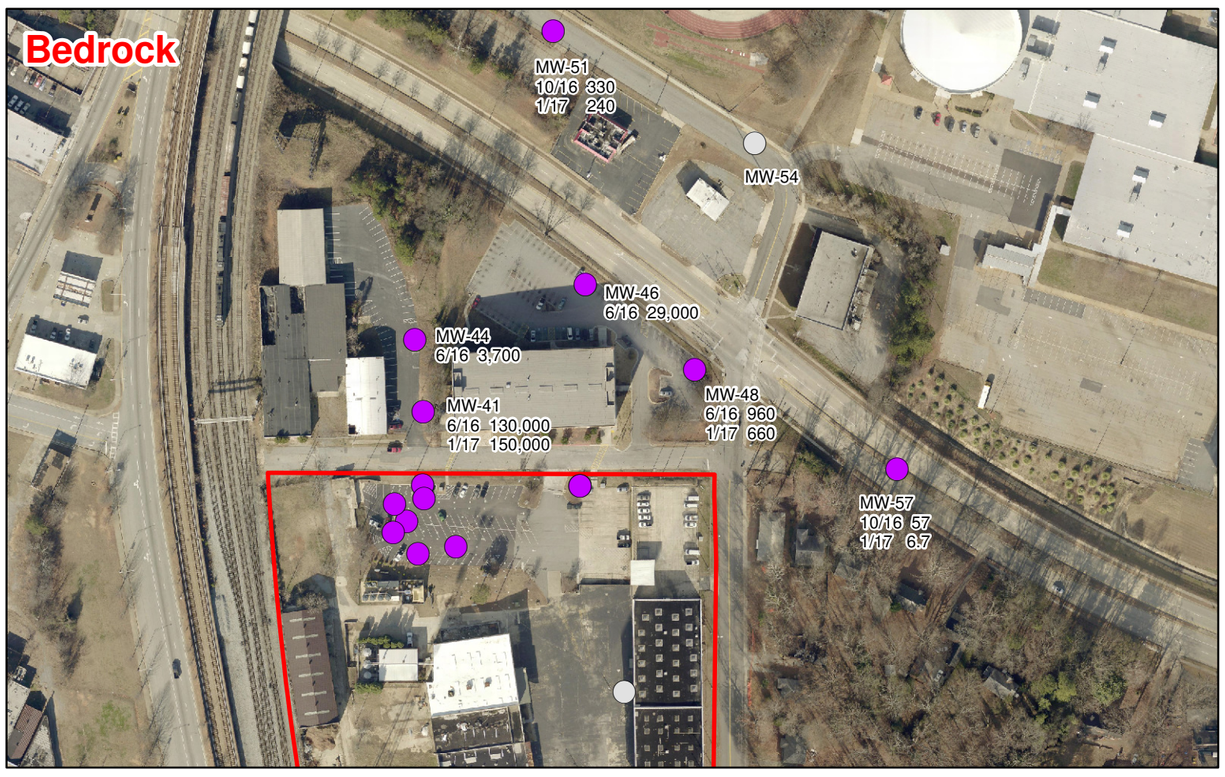
Tetrachloroethene Delineation (Jan 2015 - Jan 2017)

EPS
F:\Lafarge\GIS\mxd\CSR\Delin_PCE.mxd

Figure No.6







Legend

- < Type 1 RRS (5 ppb)
- < NonResidential RRS (5.2 ppb)
- > NonResidential RRS
- Property Boundary

0 95 190 380
Feet

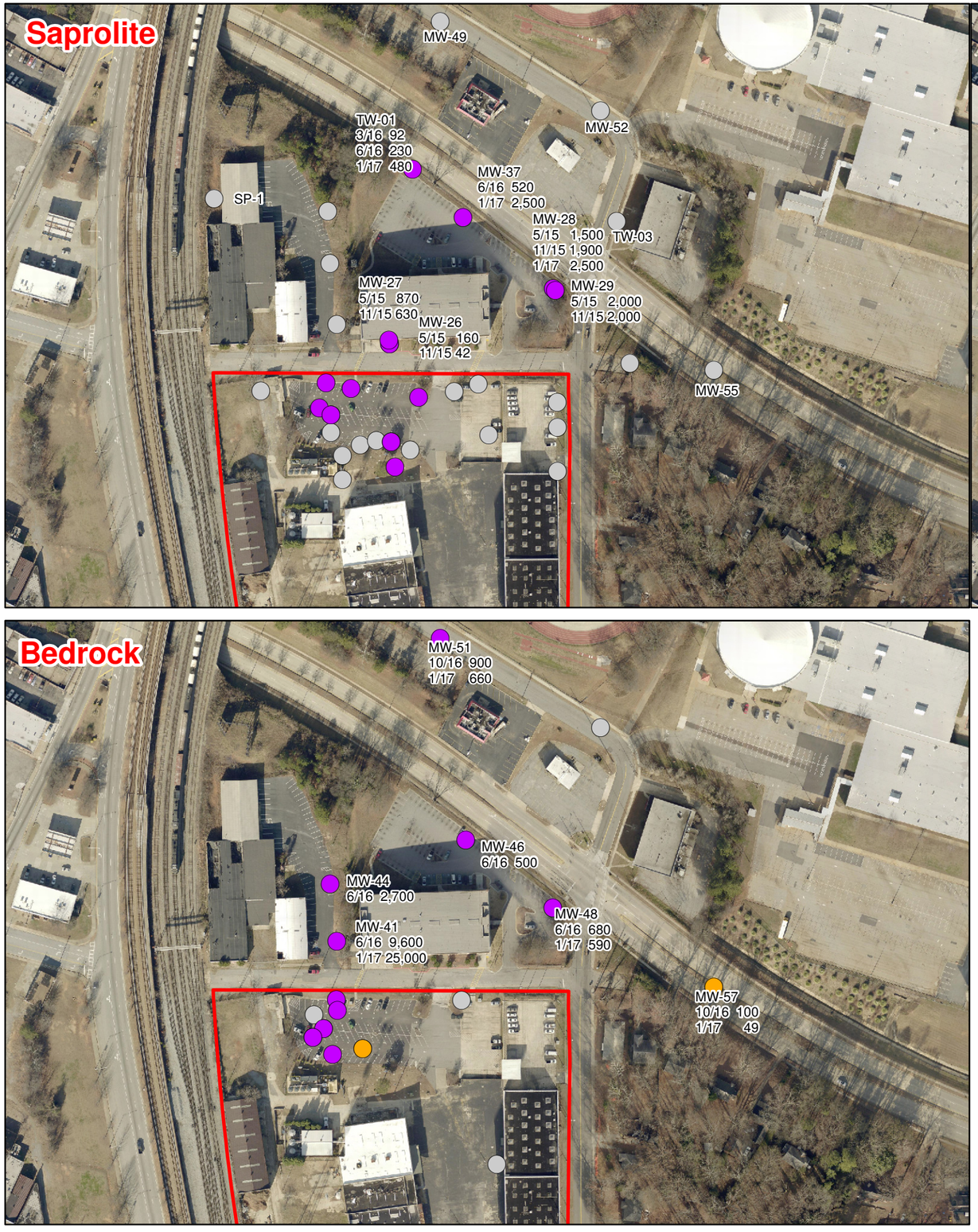
Well
Date Result in ppb

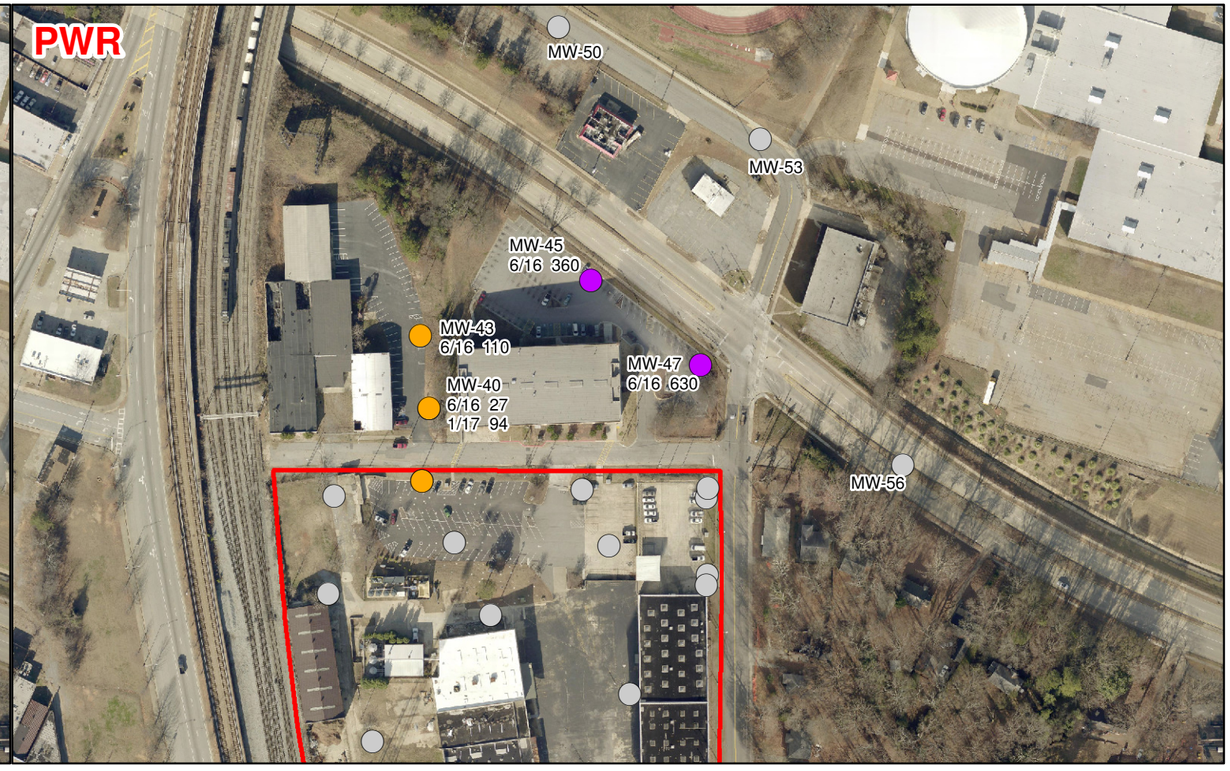
N

Trichloroethene Delineation (Jan 2015 - Jan 2017)

EPS
F:\Lafarge\GIS\mxd\Nov 2016 Progress Report\Delin_TCE.mxd

Figure No.7





Legend

- < Type 1 RRS (70 ppb)
- < NonResidential RRS (200 ppb)
- > NonResidential RRS
- Property Boundary

0 95 190 380
Feet

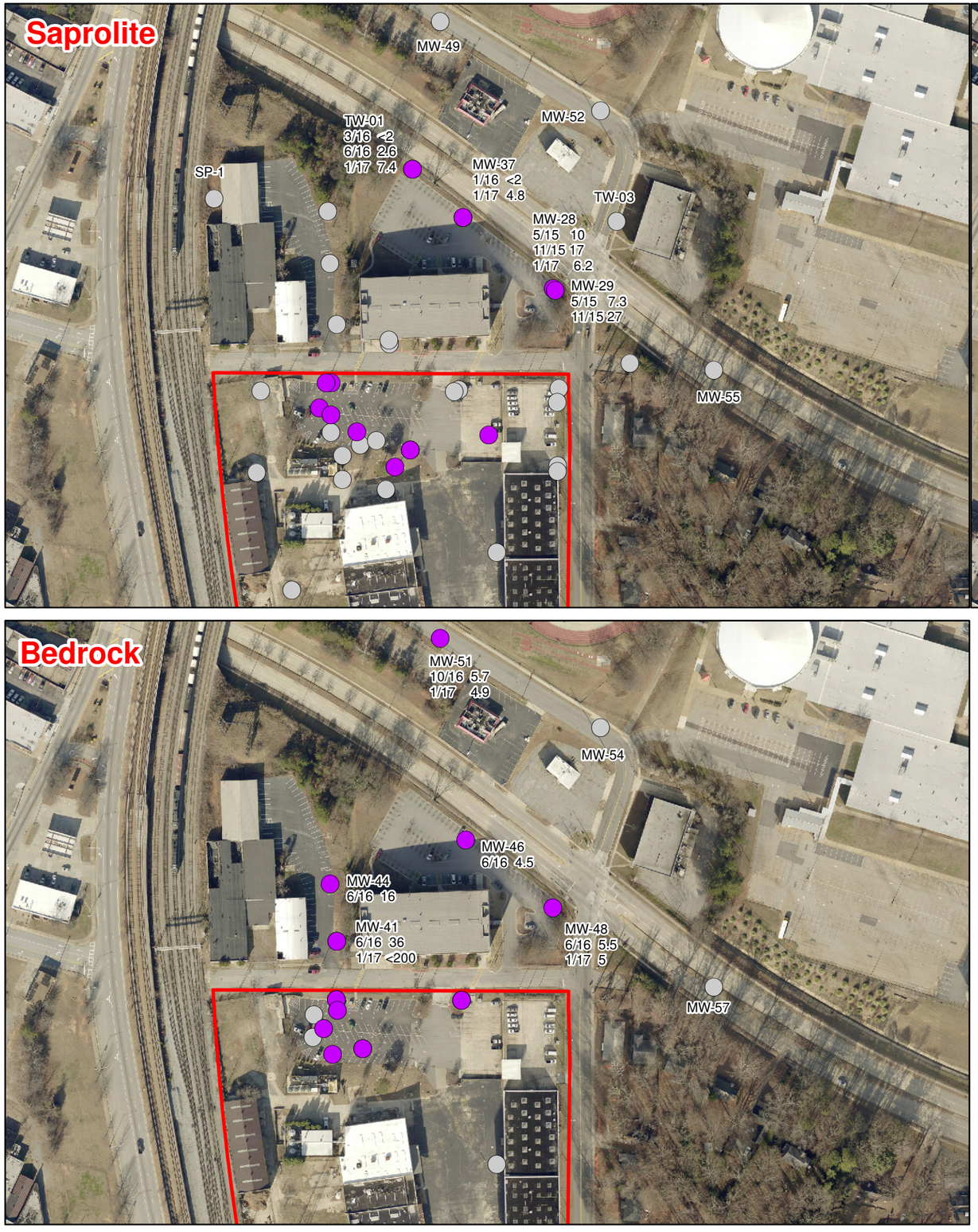
Well
Date Result in ppb

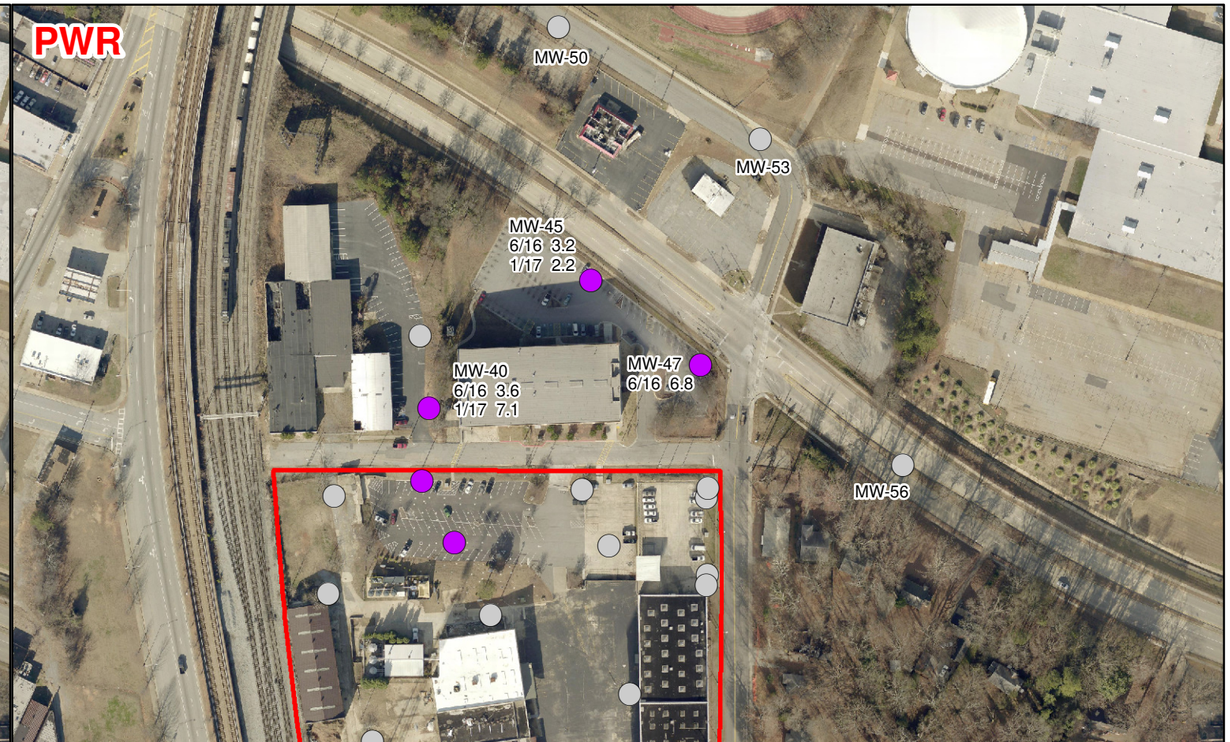
N

cis-1,2-Dichloroethene Delineation (Jan 2015 - Jan 2017)

EPS
F:\Lafarge\GIS\mxd\CSR\Delin_cisDCE.mxd

Figure No.8





Legend

- < Type 1 and NonResidential RRS (2 ppb)
- > RRS
- Property Boundary

0 95 190 380
Feet

Well
Date Result in ppb

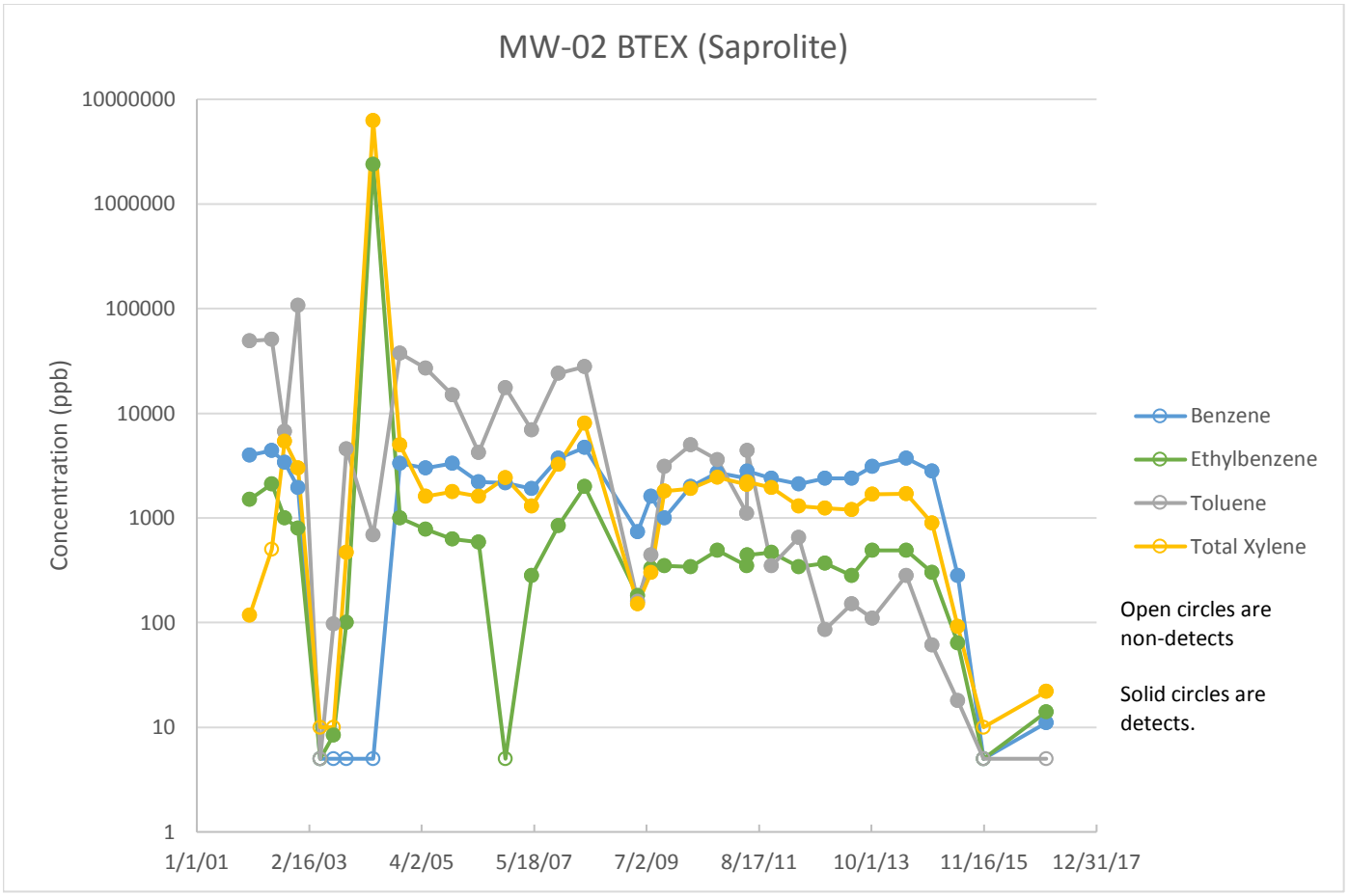
N

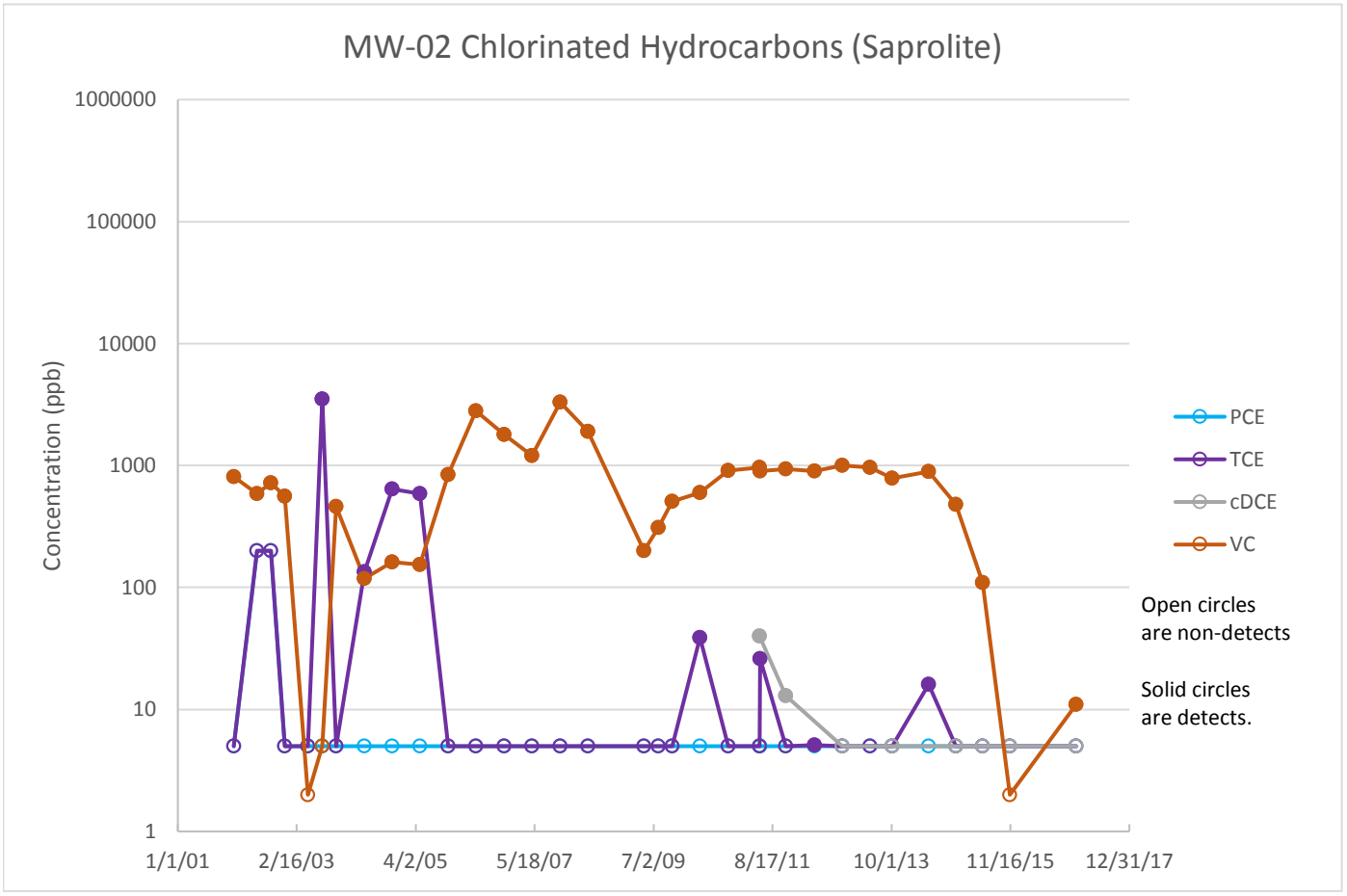
Vinyl Chloride Delineation (Jan 2015 - Jan 2017)

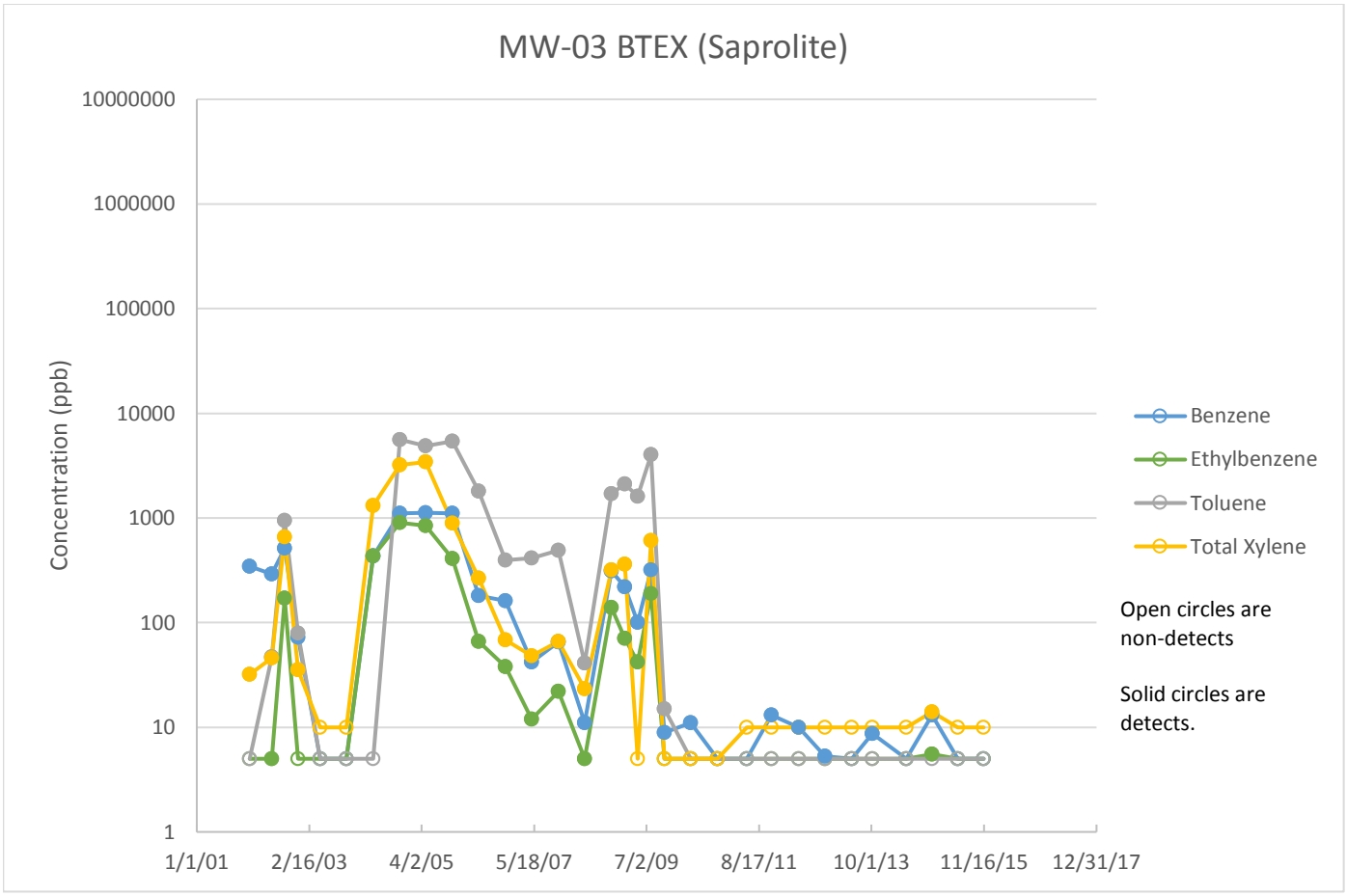
EPS
F:\Lafarge\GIS\mxd\CSR\Delin_VC.mxd

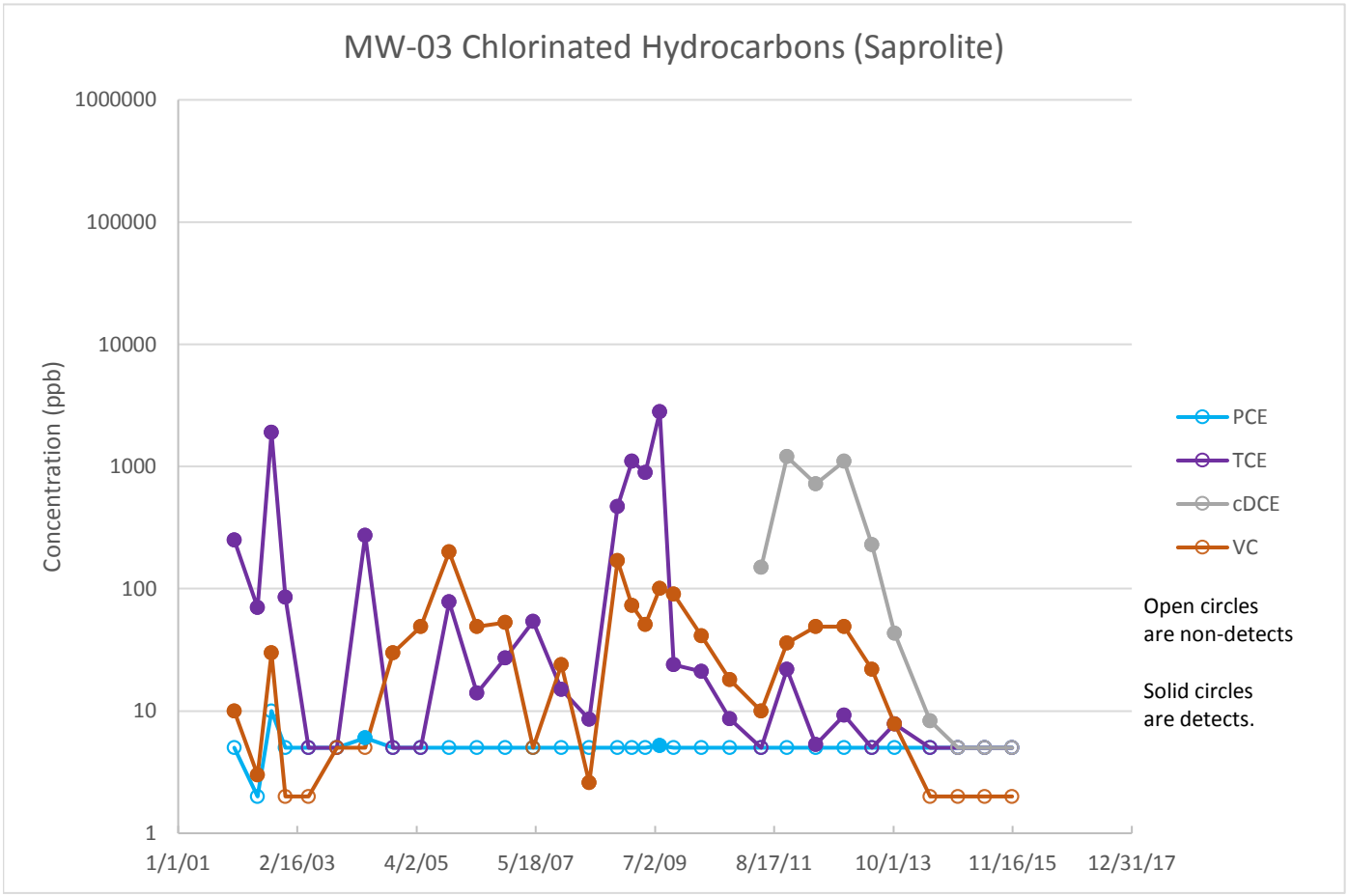
Figure No.9

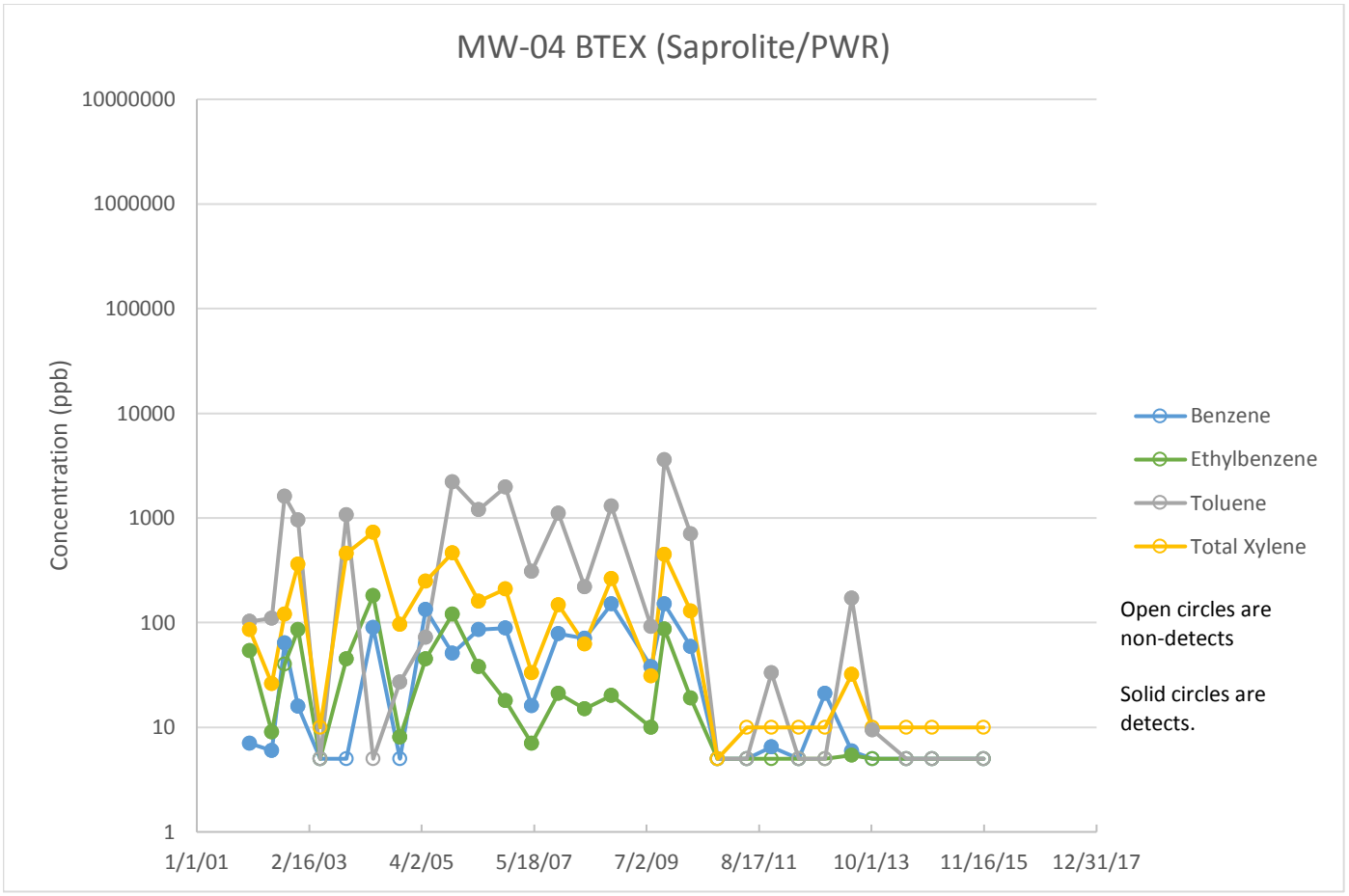
APPENDIX J
Time Series Figures

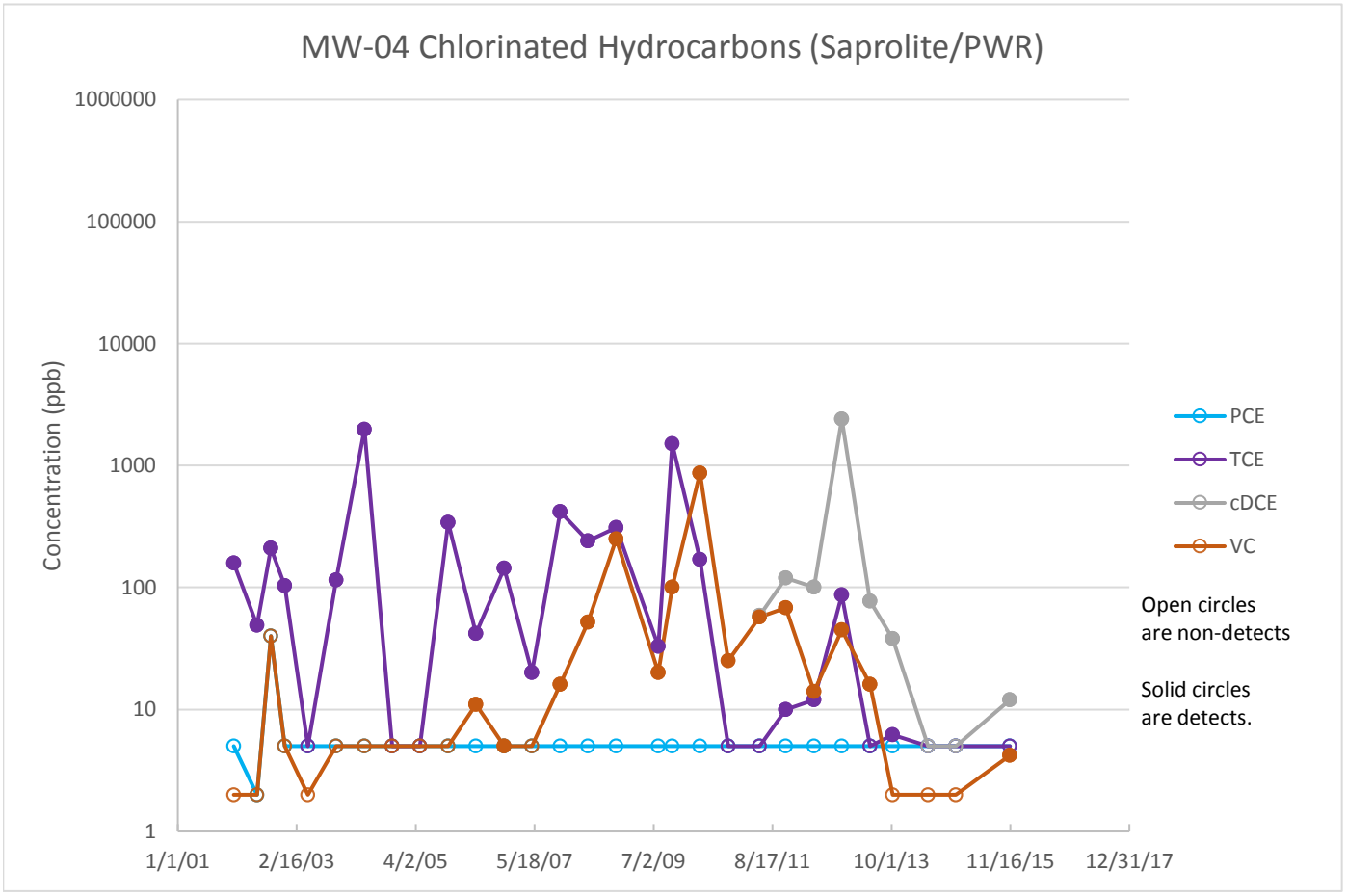

MW-02 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

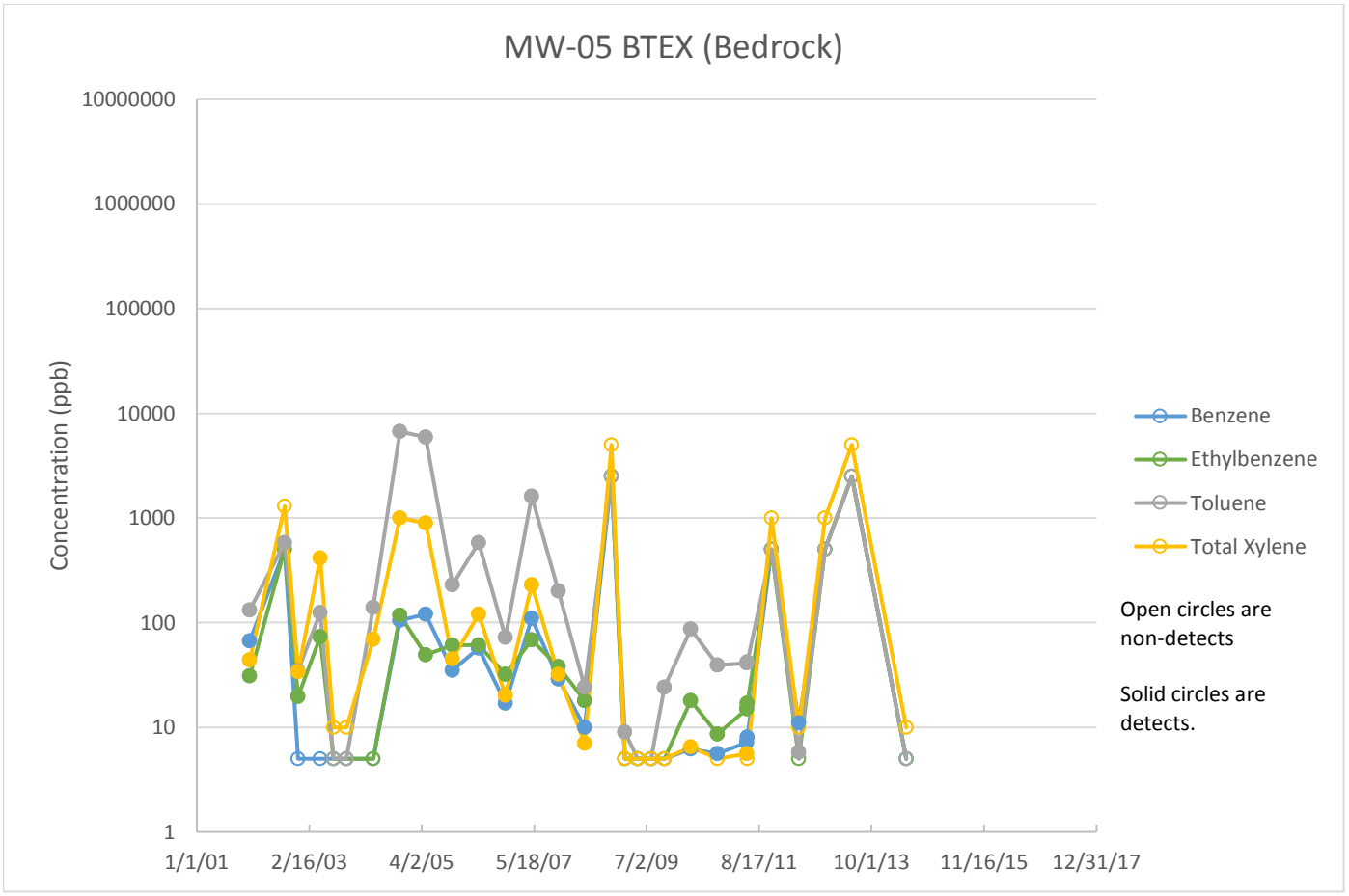

MW-02 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

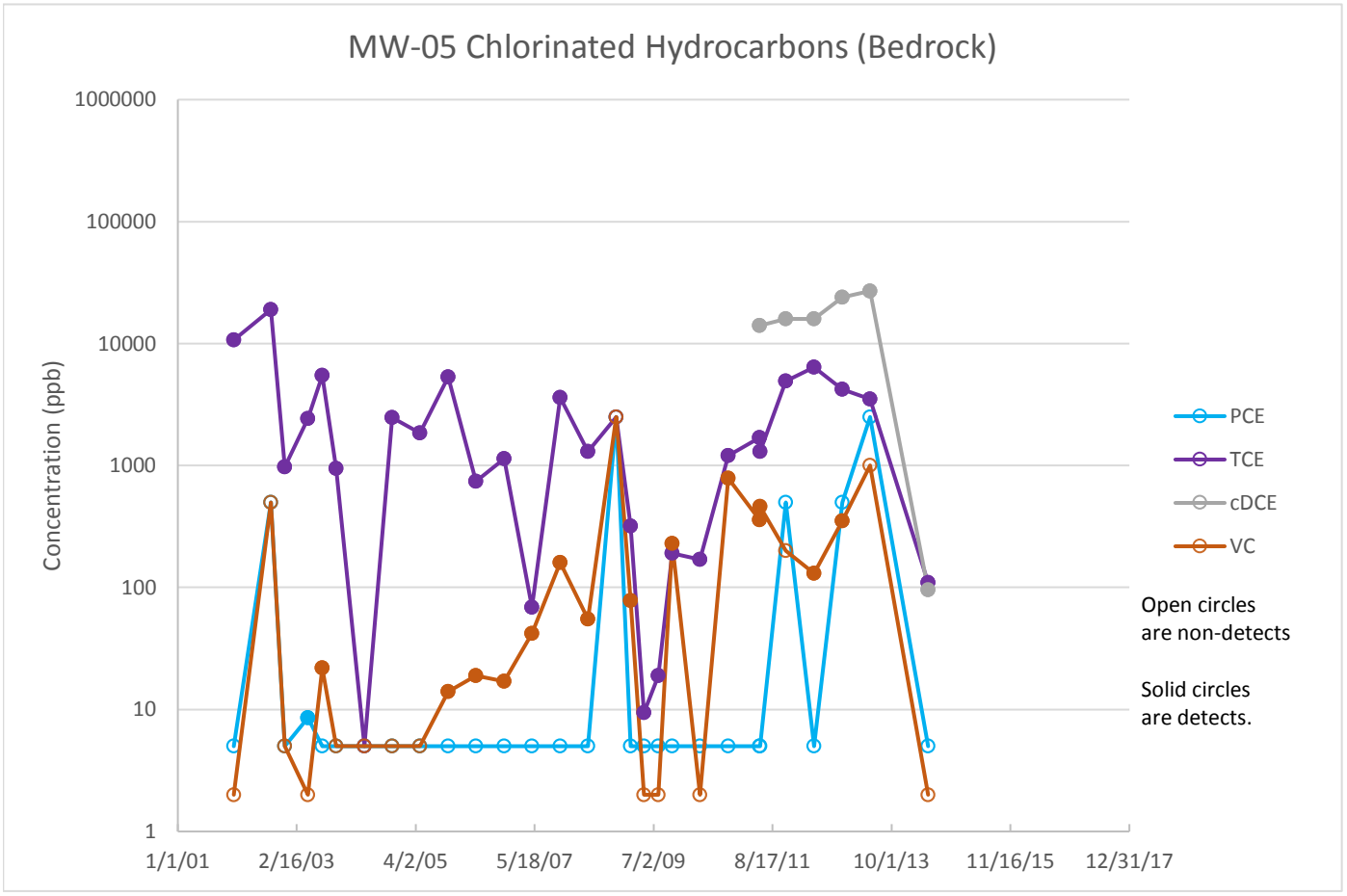

MW-03 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

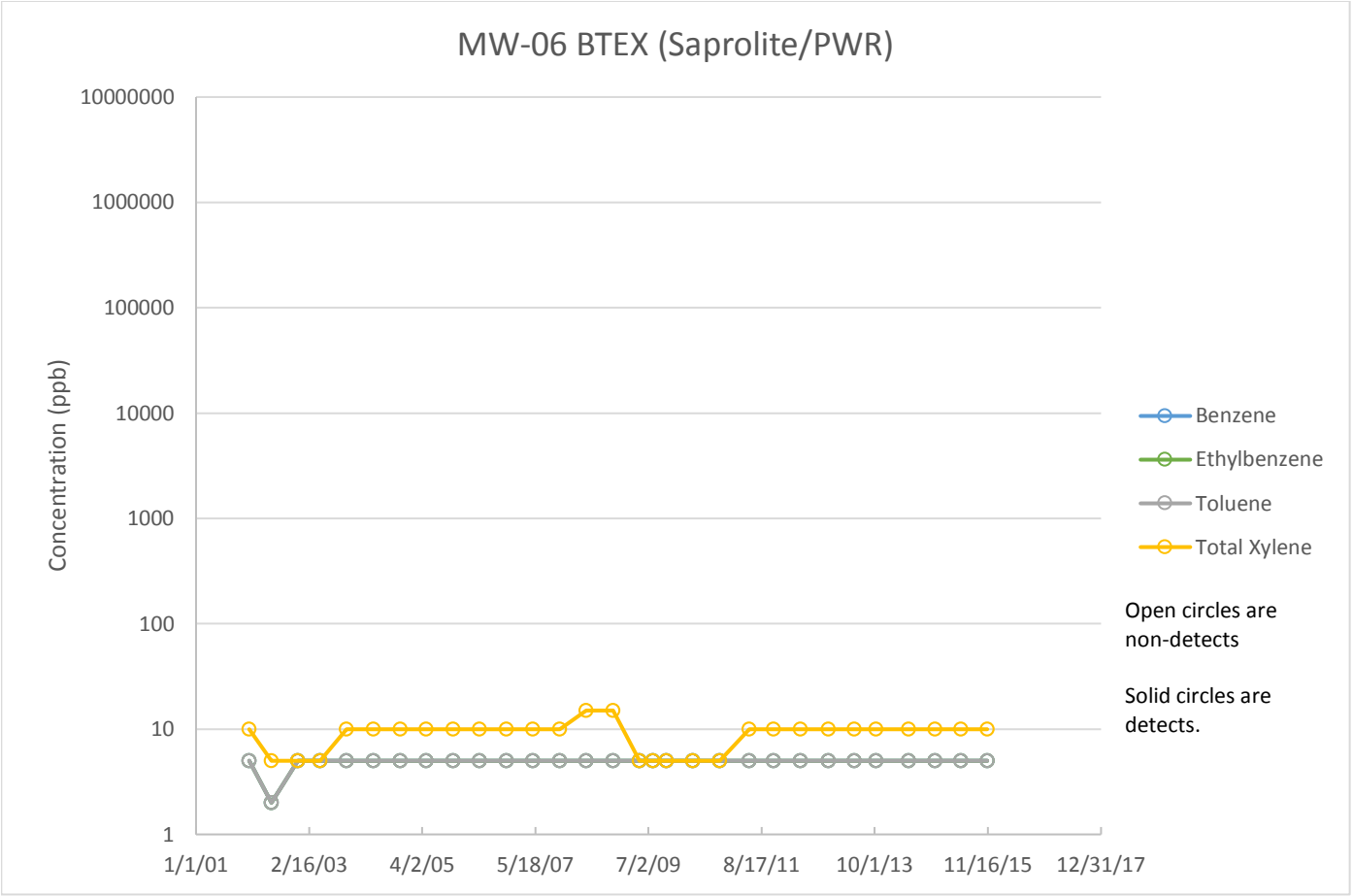

MW-03 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

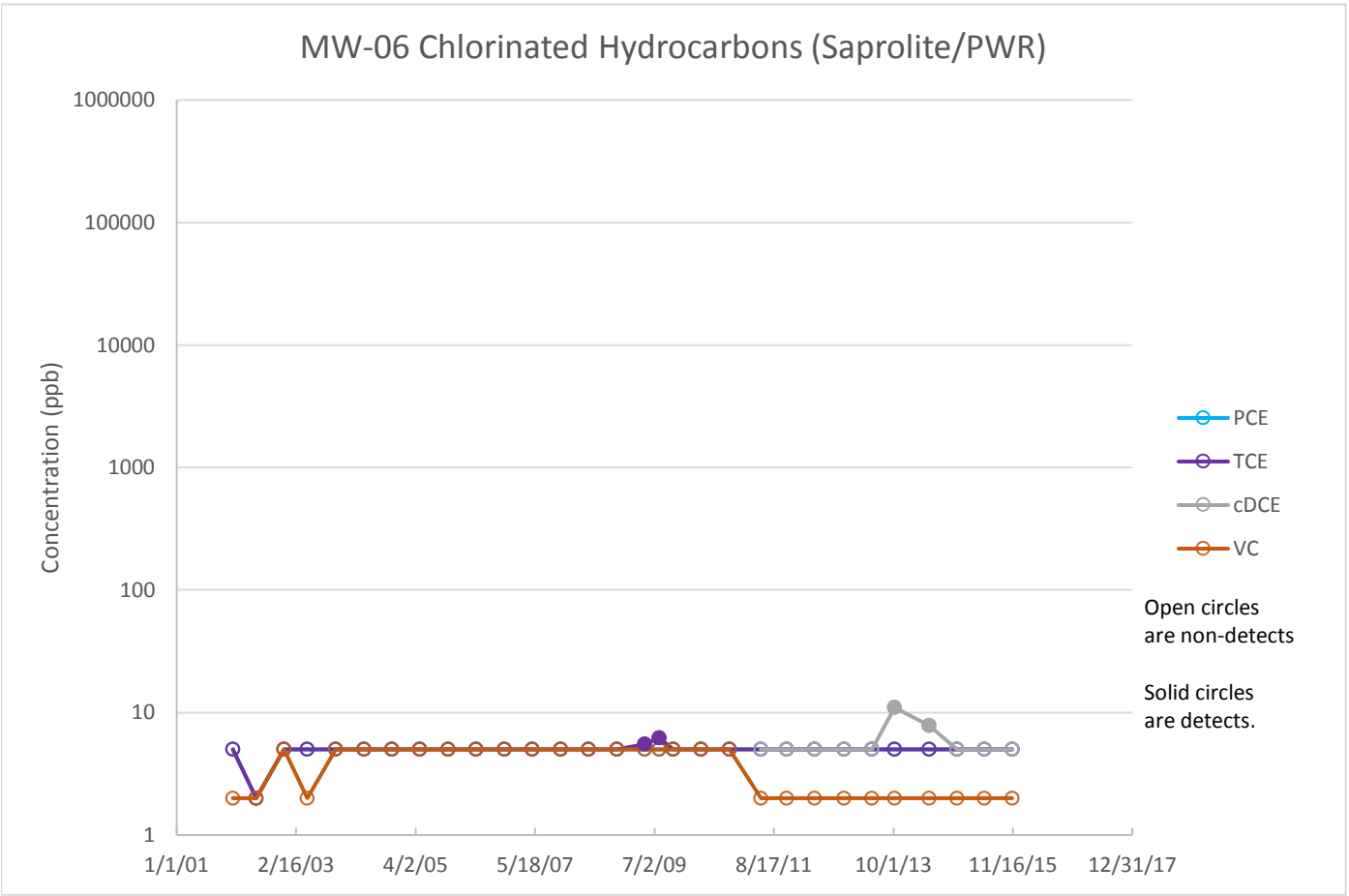

MW-04 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

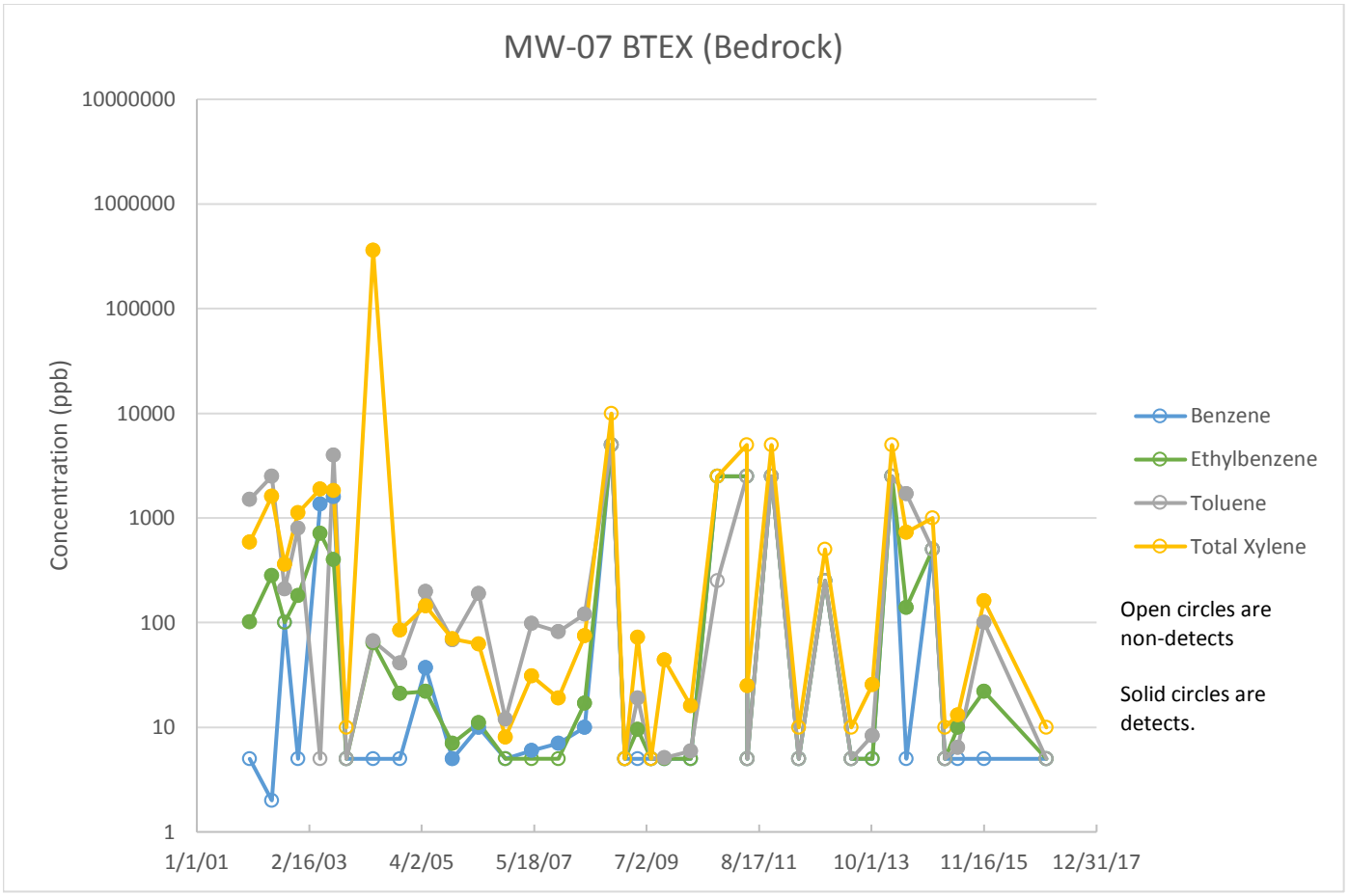

MW-04 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

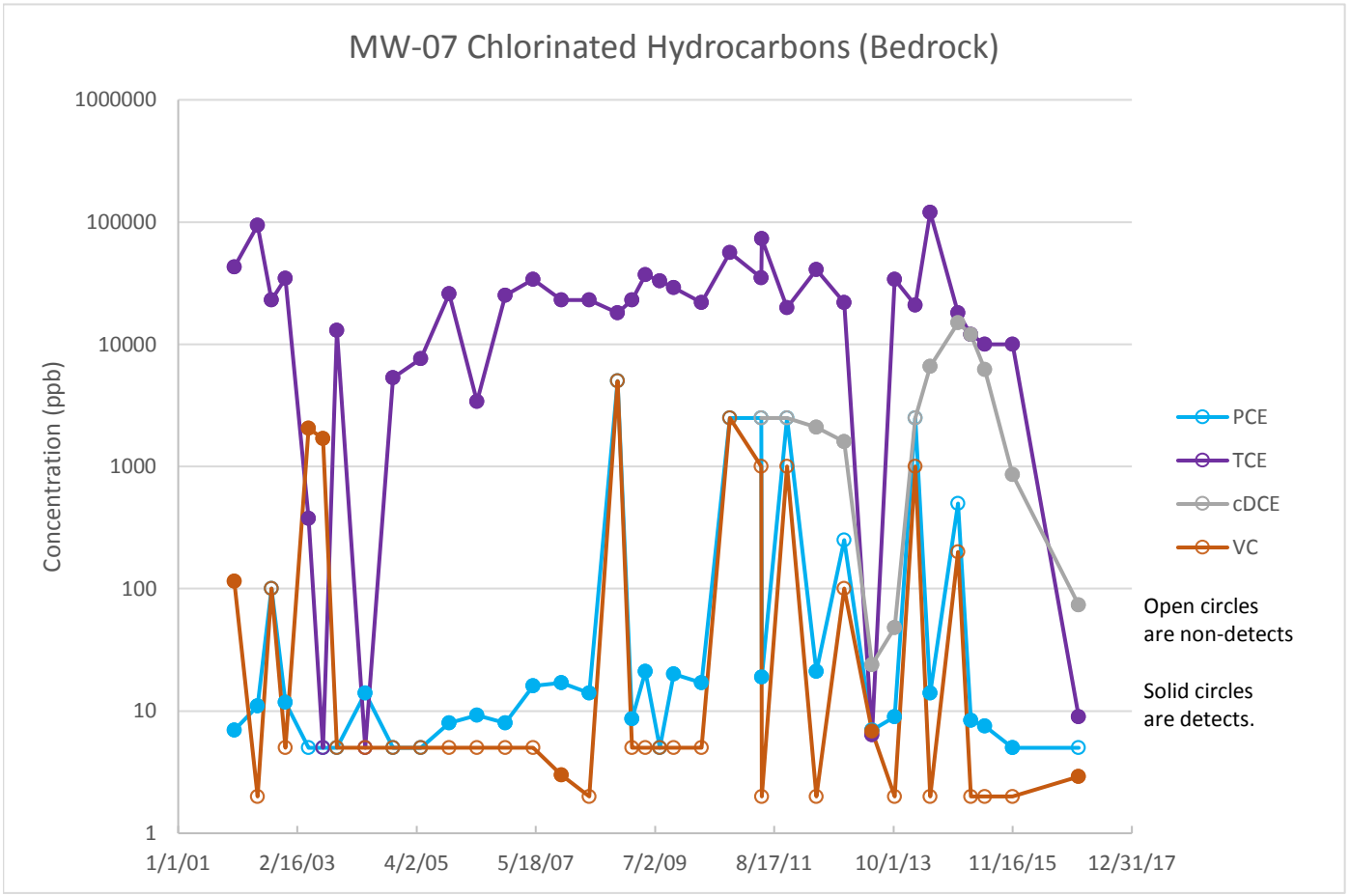

MW-05 BTEX (Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

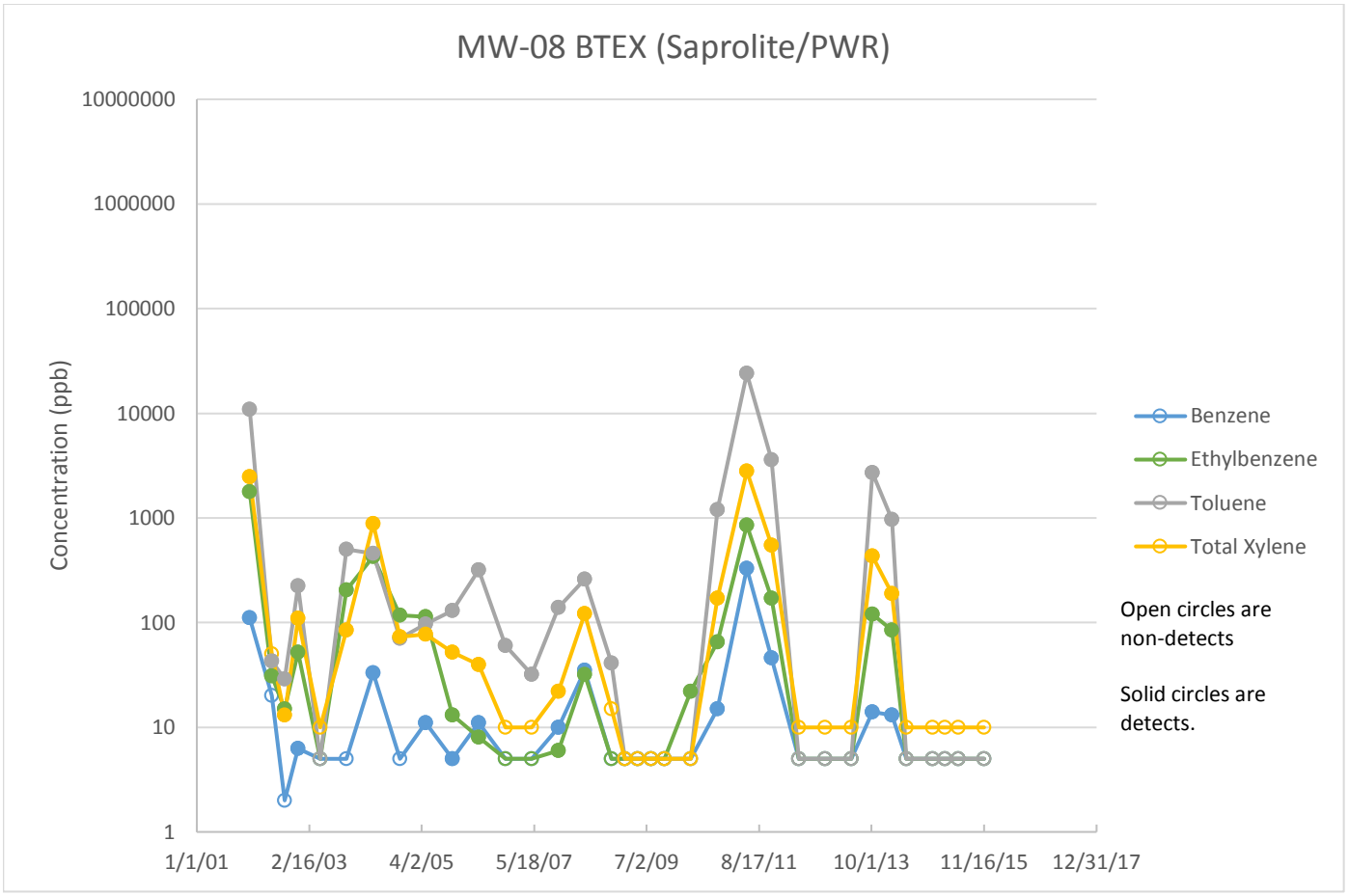

MW-05 Chlorinated Hydrocarbons (Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

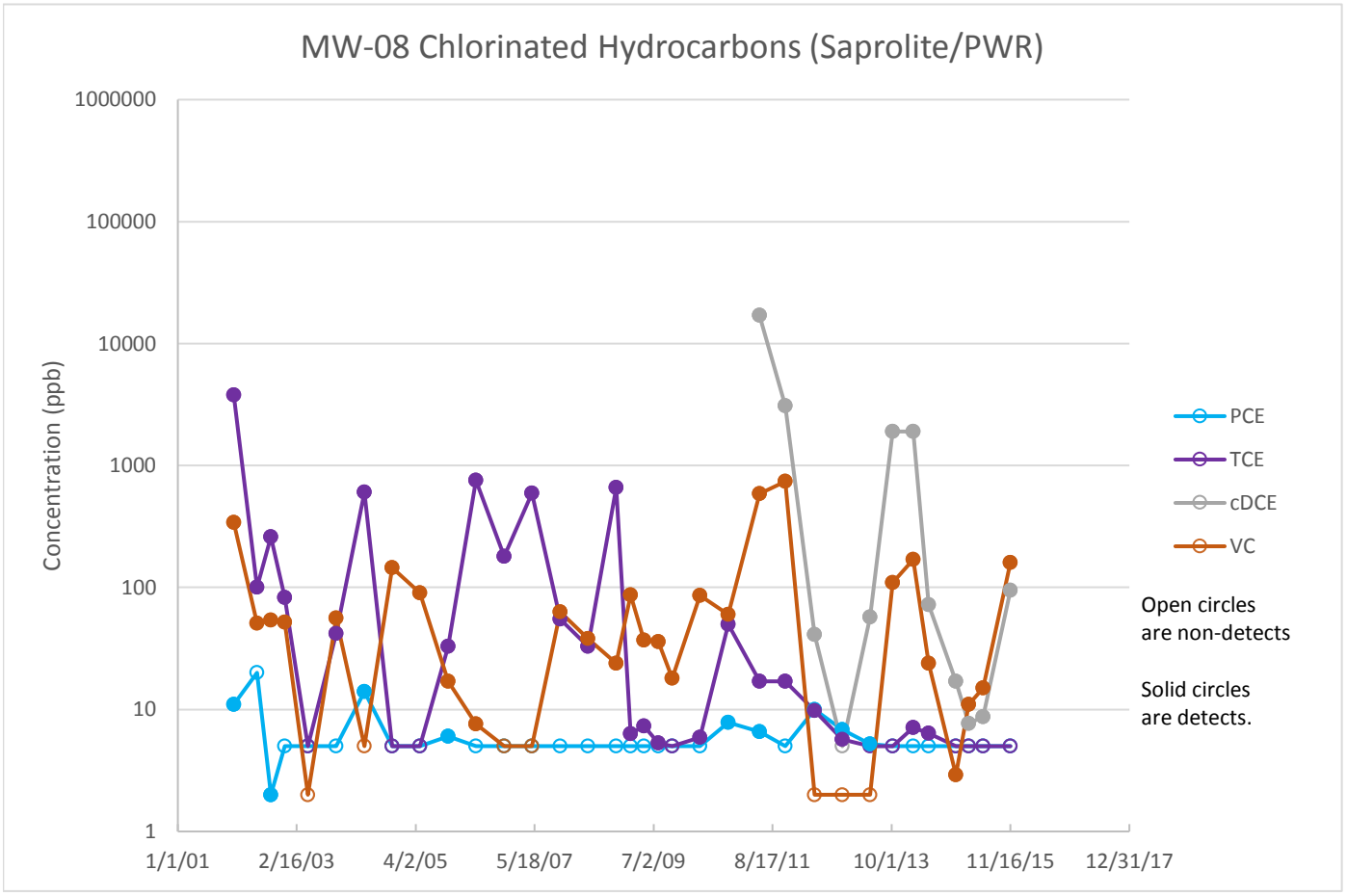

MW-06 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

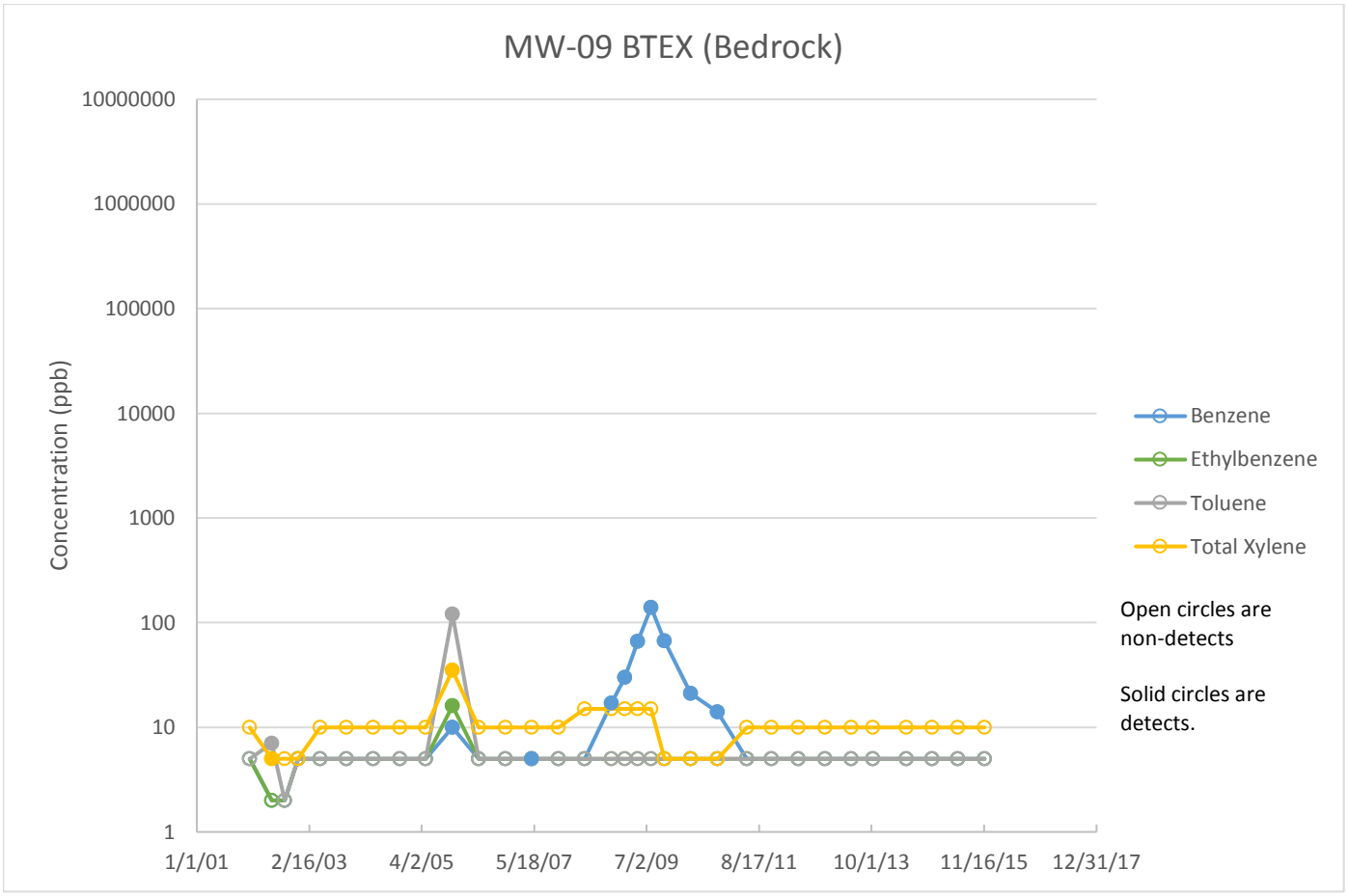

MW-06 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

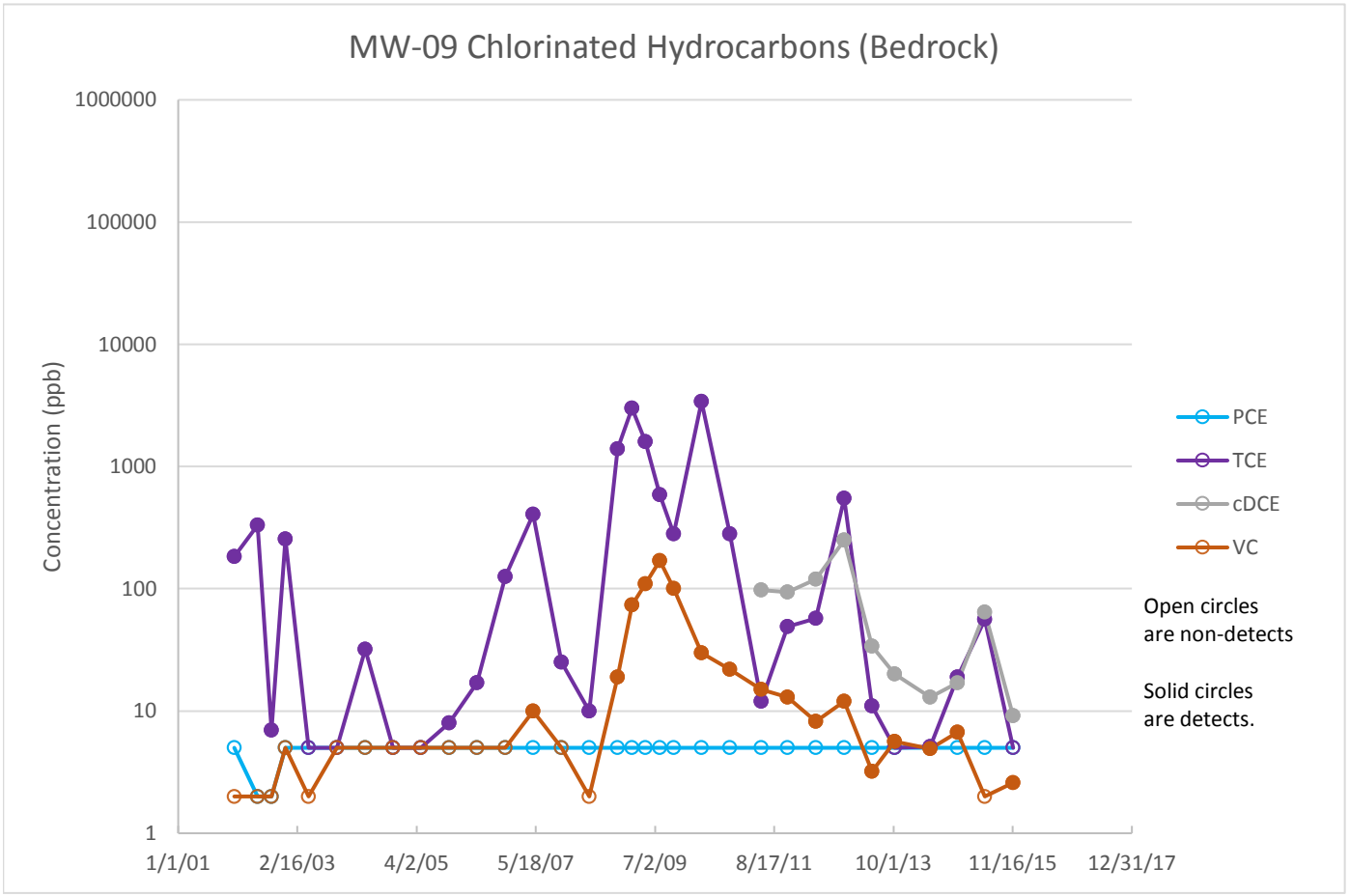

MW-07 BTEX (Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

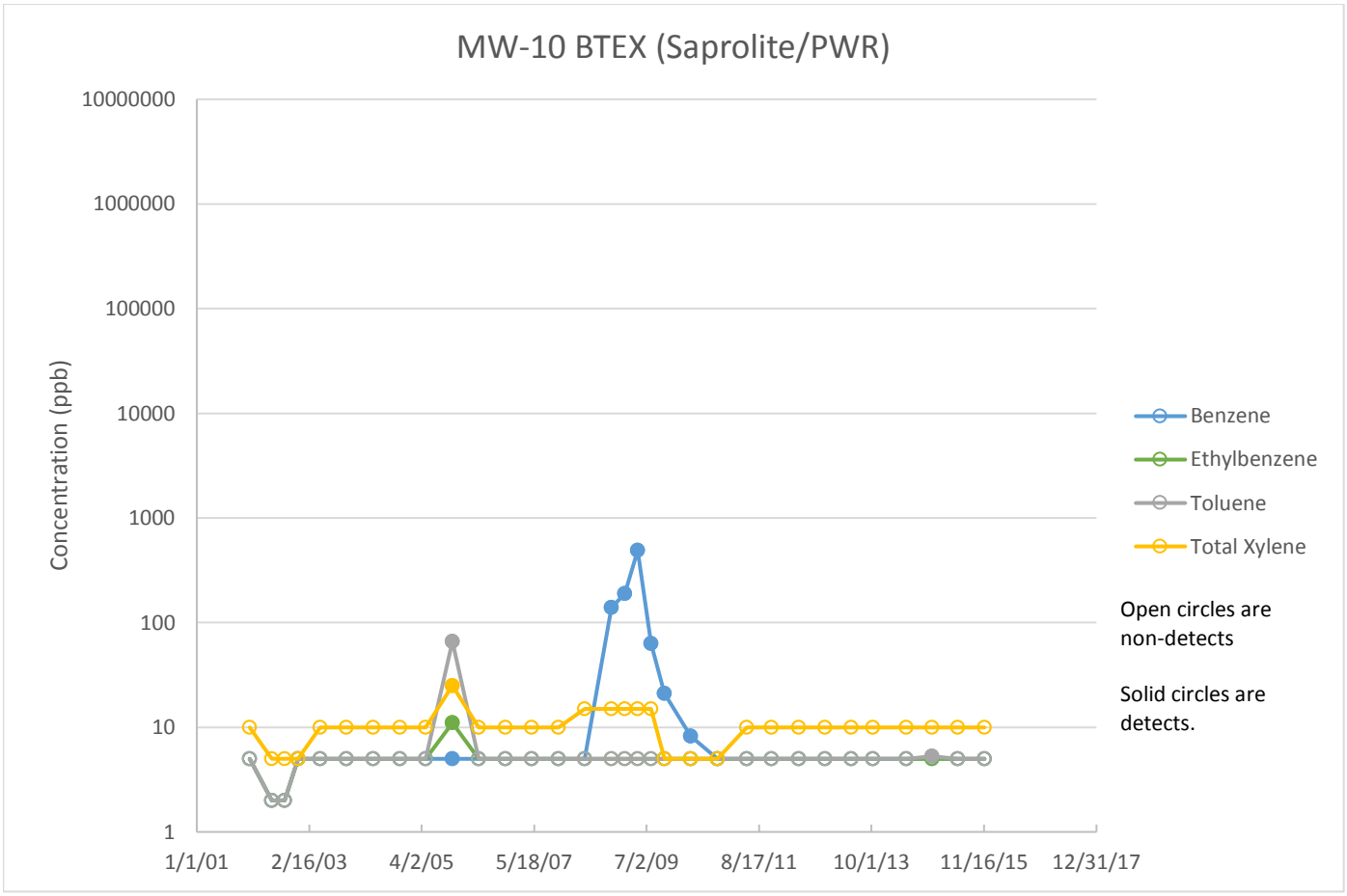

MW-07 Chlorinated Hydrocarbons (Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

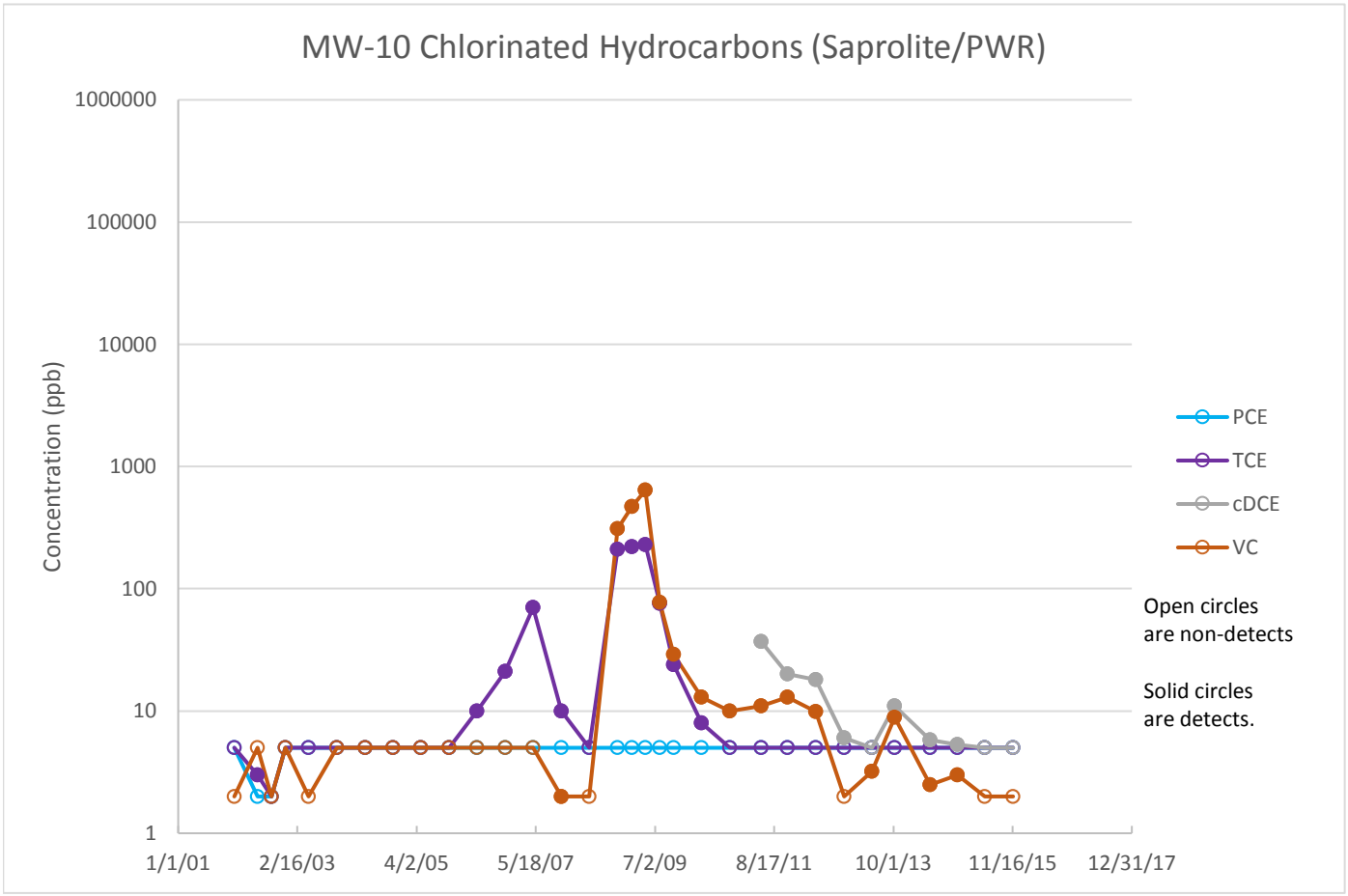

MW-08 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-08 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

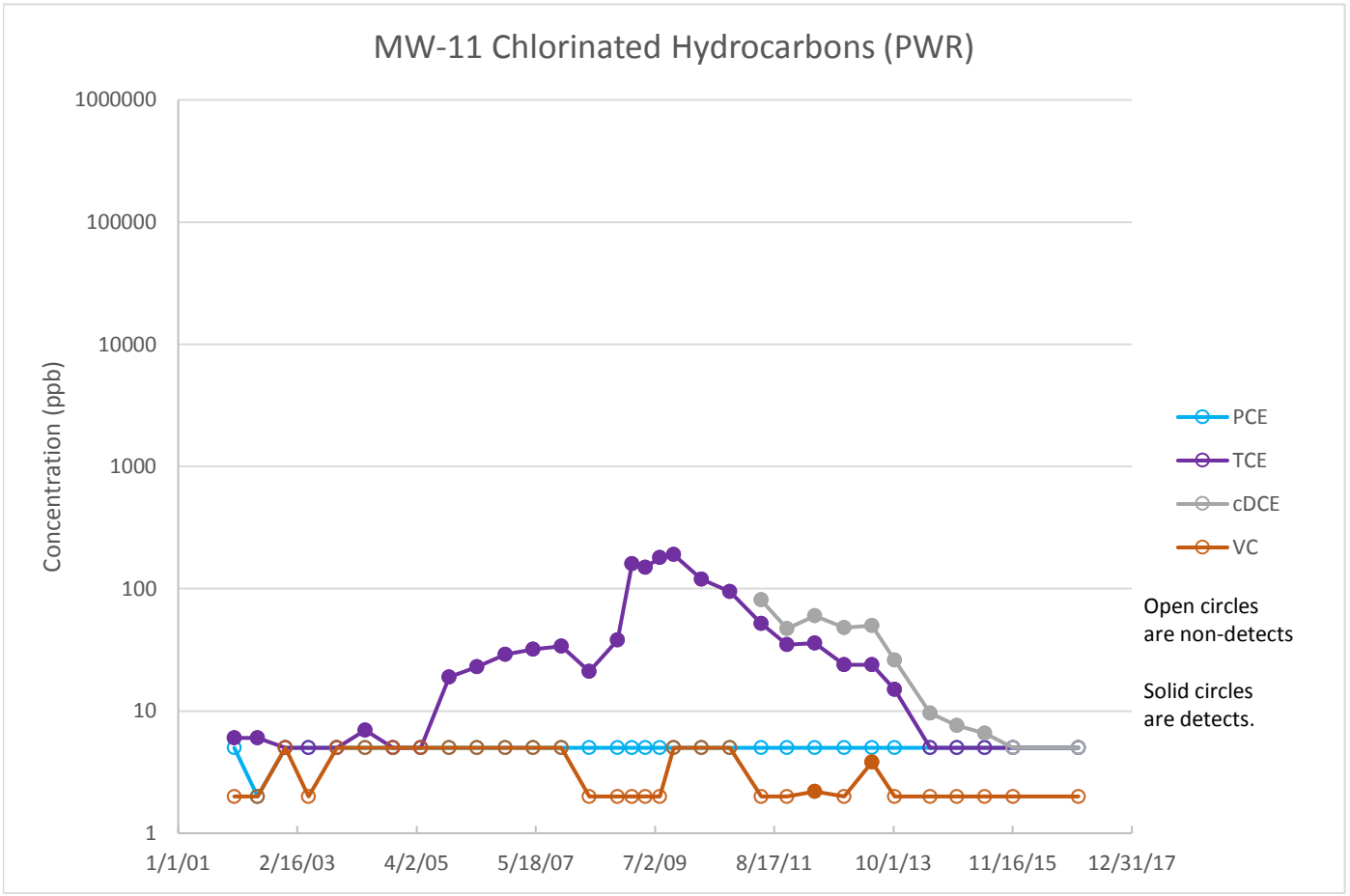

MW-09 BTEX (Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

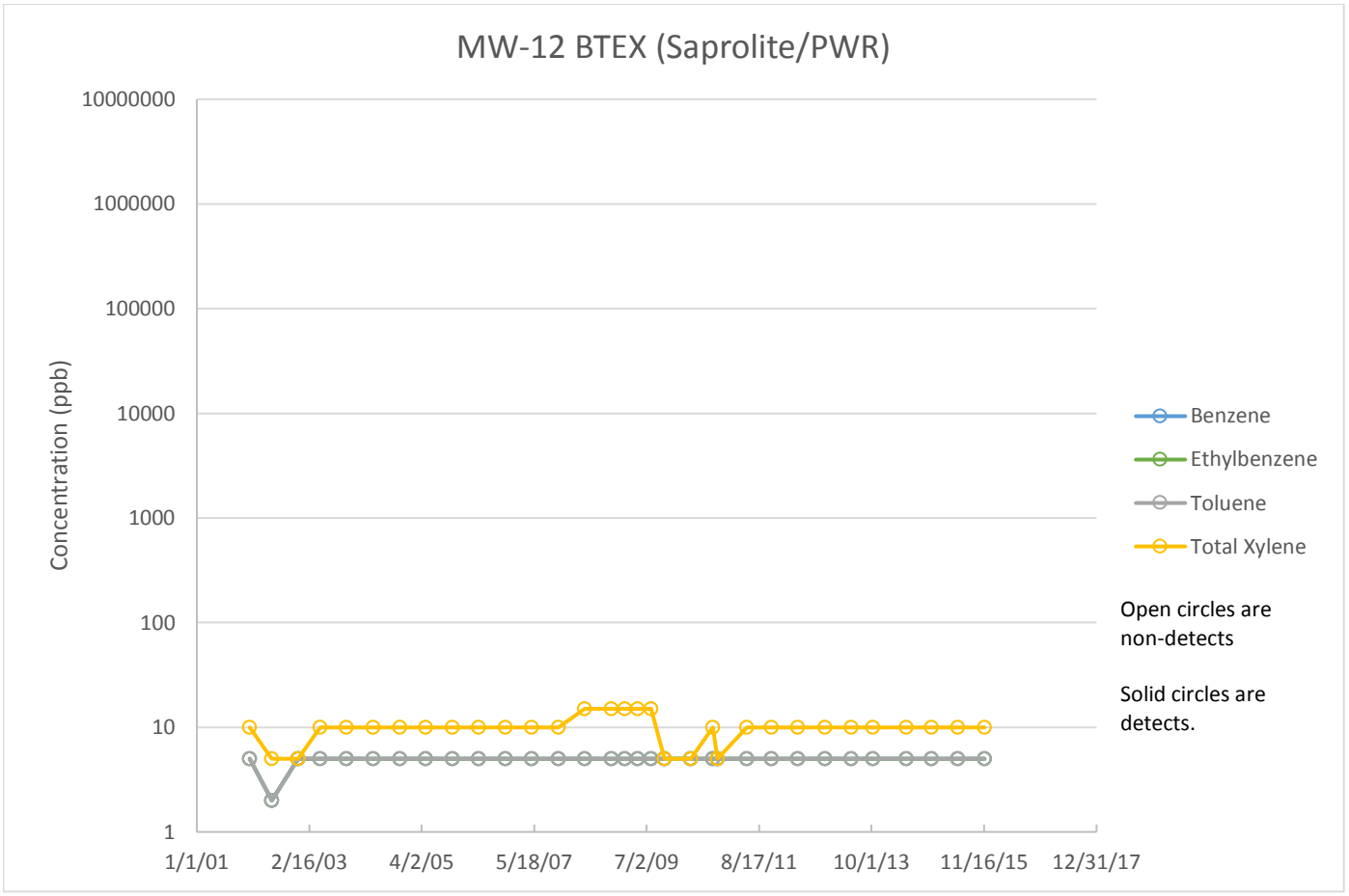

MW-09 Chlorinated Hydrocarbons (Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

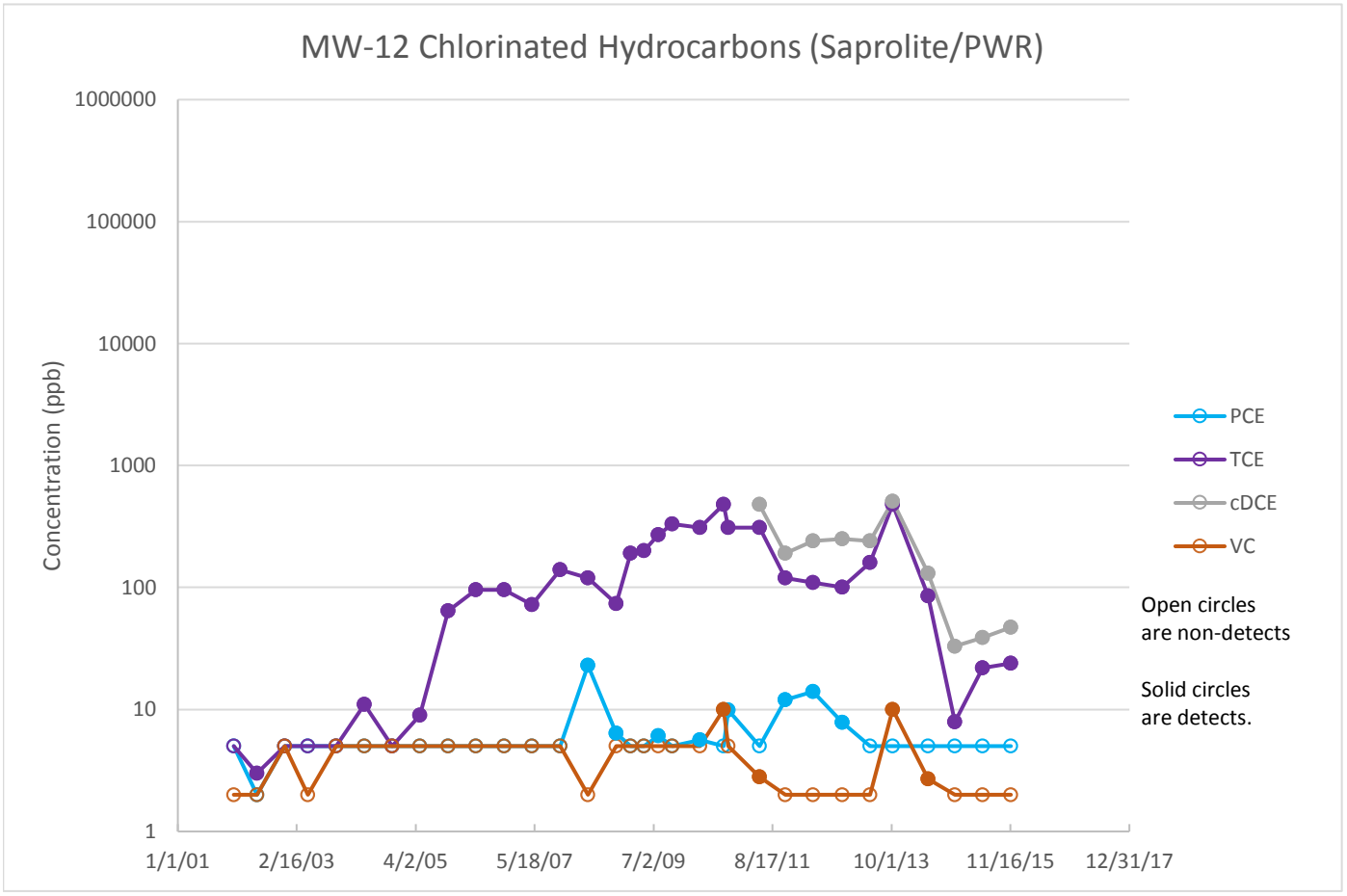

MW-10 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

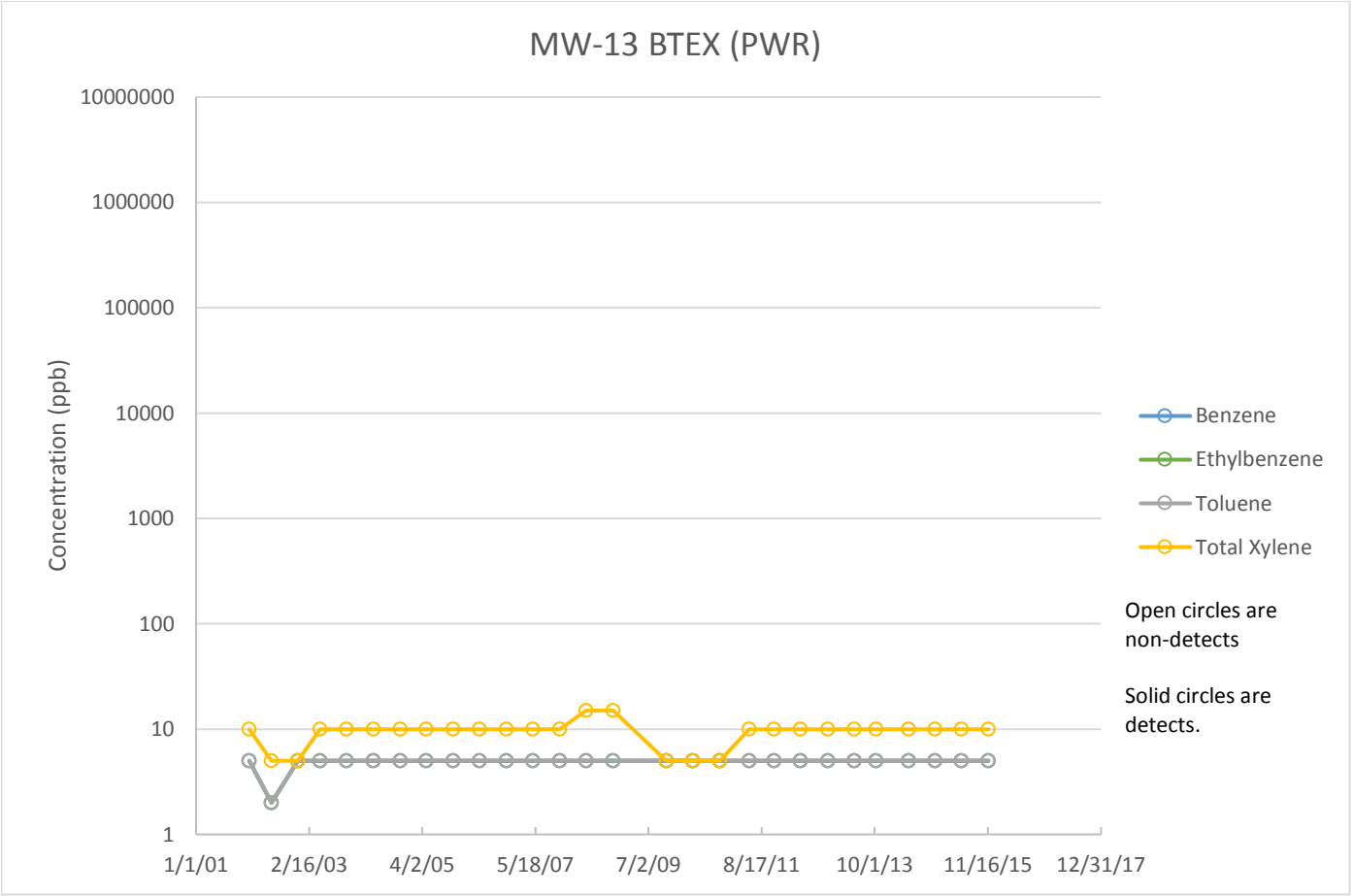

MW-10 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

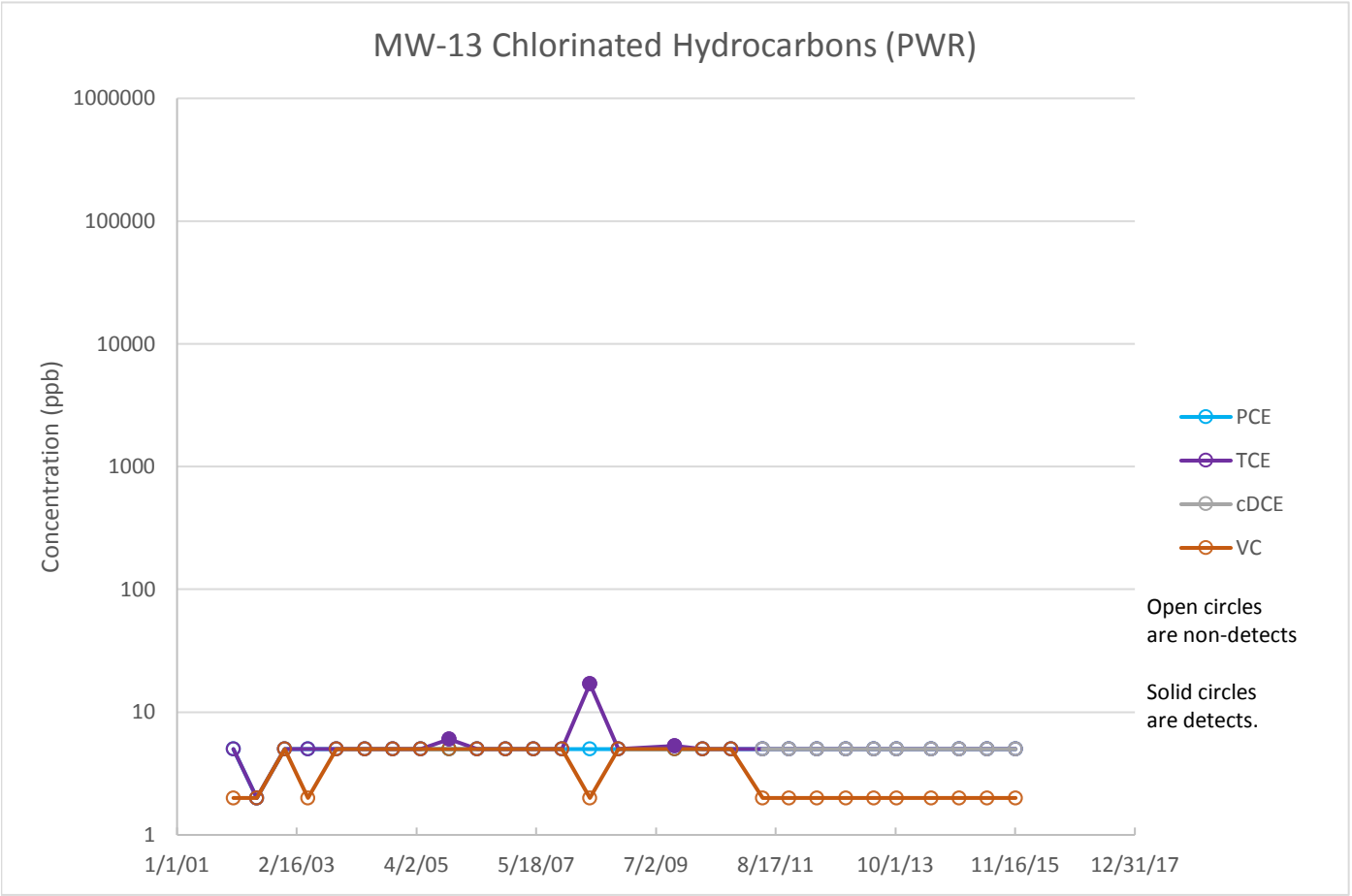

MW-11 BTEX (PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

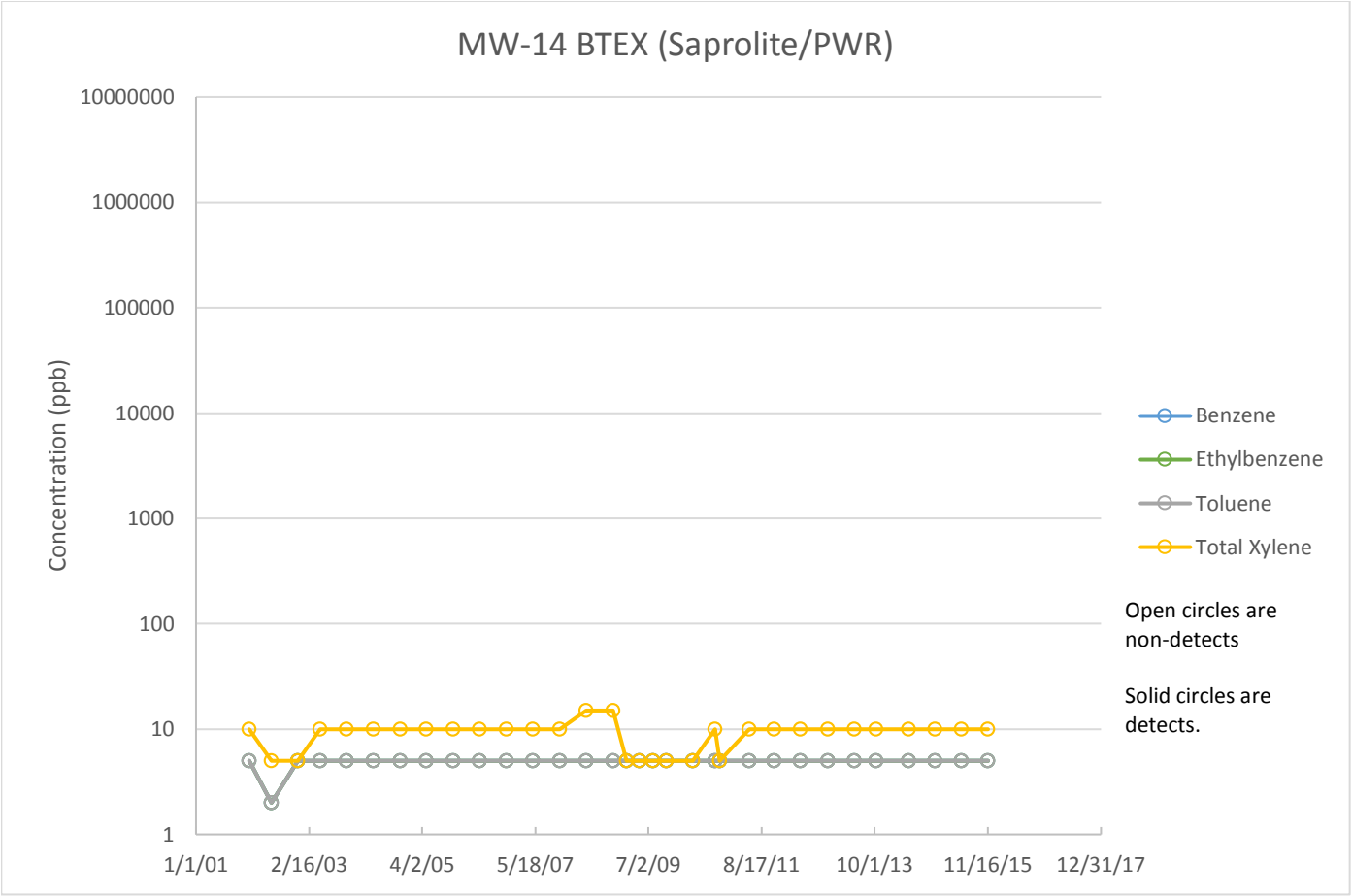

MW-11 Chlorinated Hydrocarbons (PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

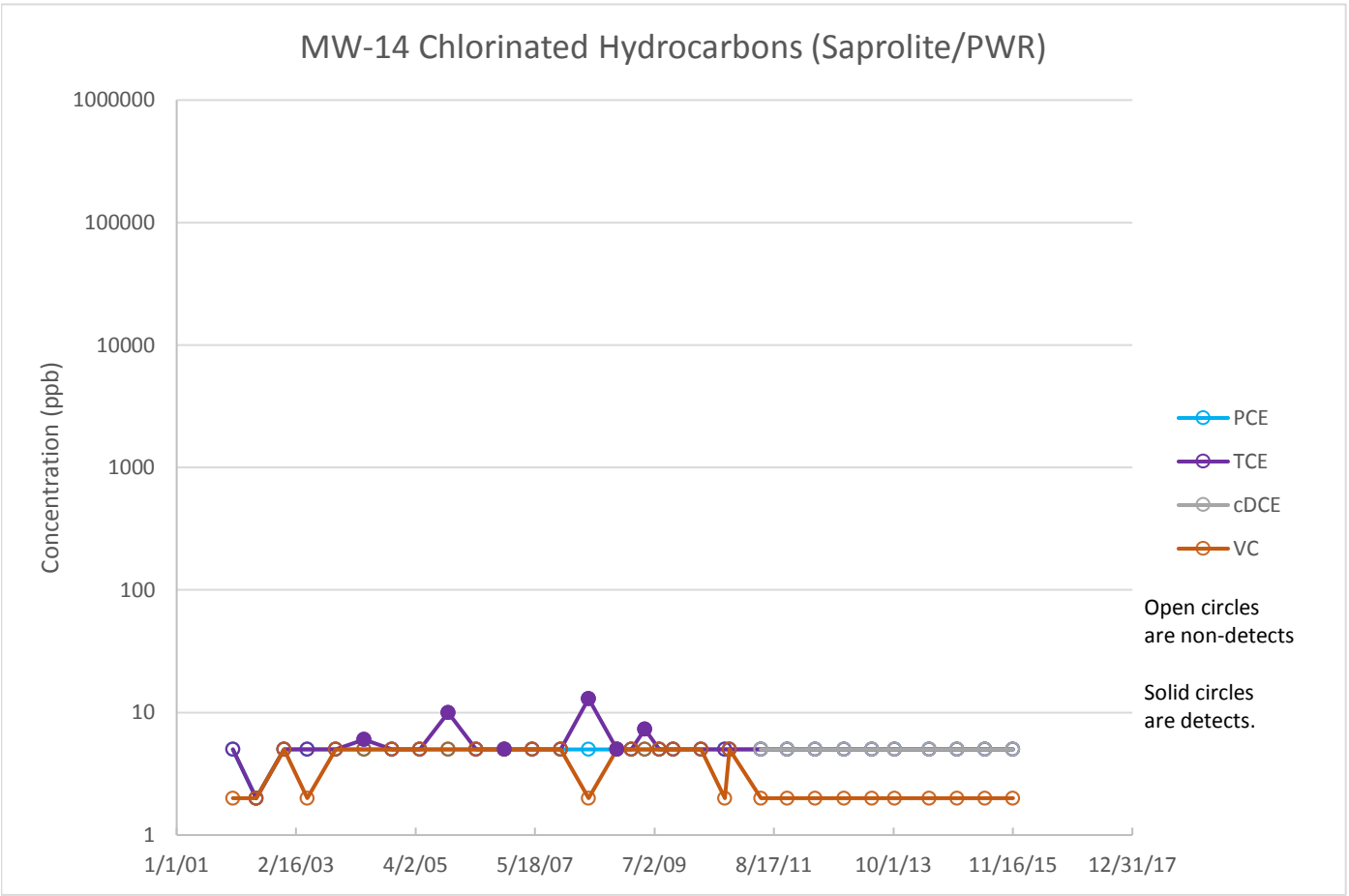

MW-12 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

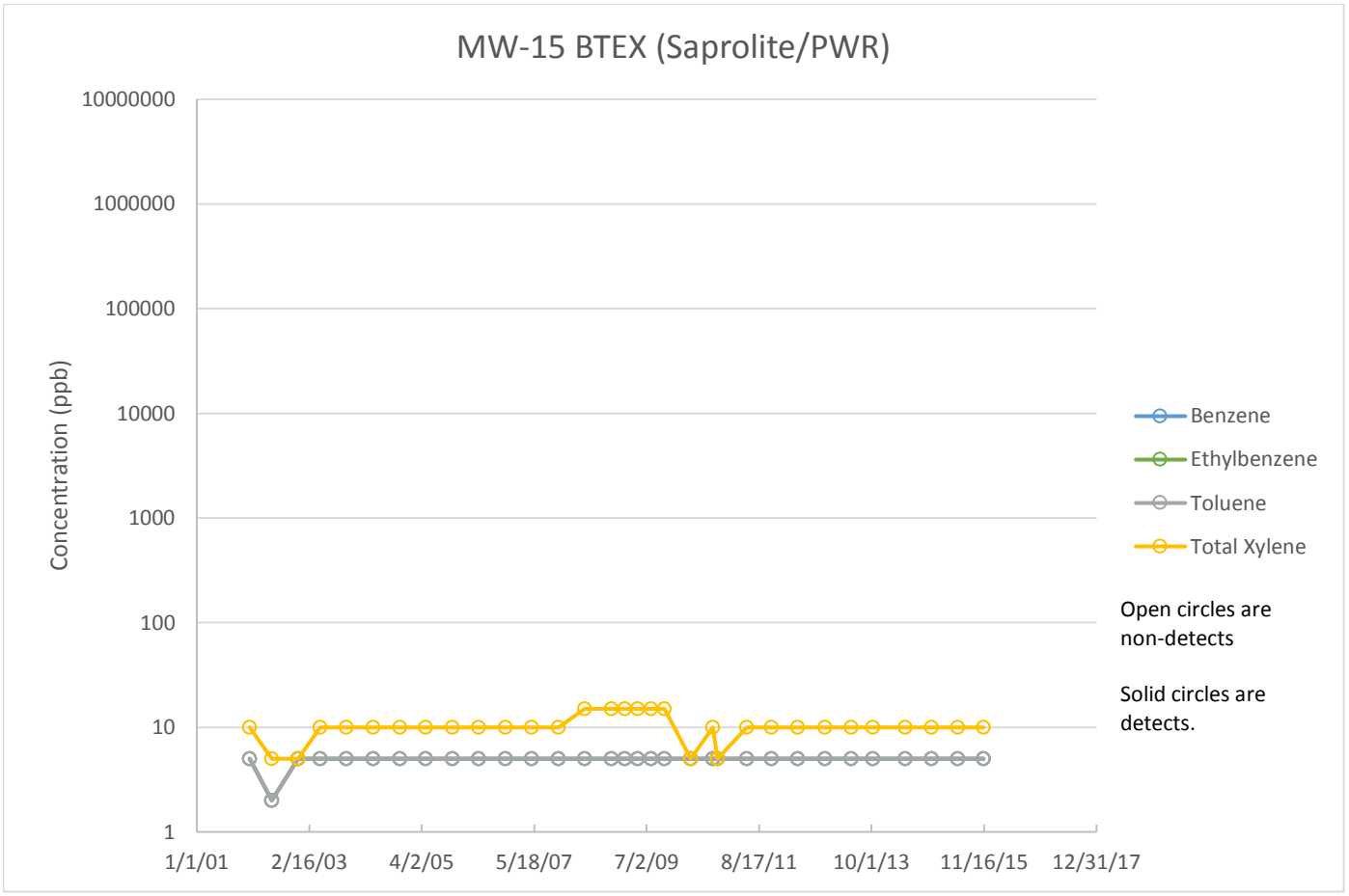

MW-12 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

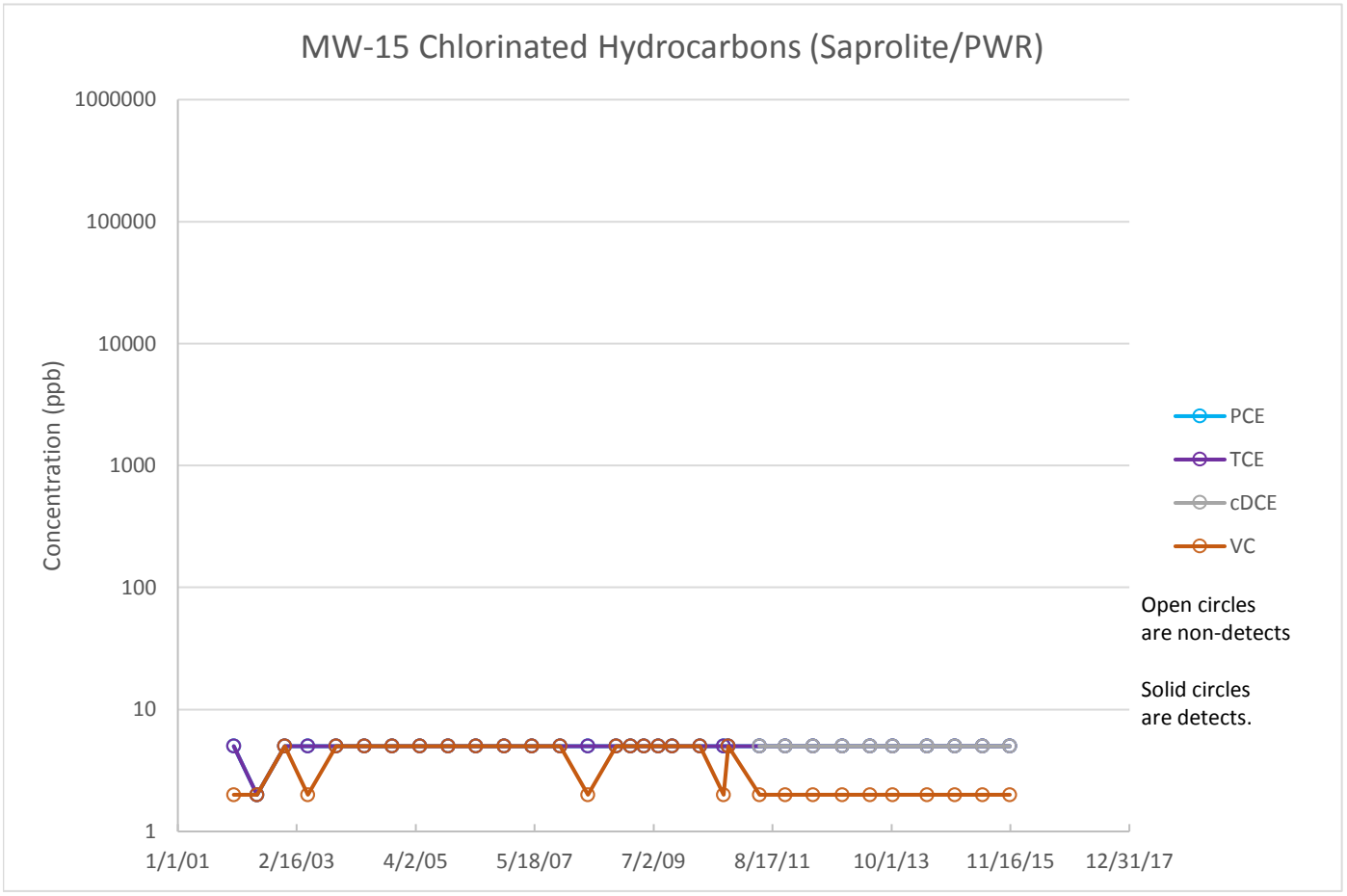

MW-13 BTEX (PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-13 Chlorinated Hydrocarbons (PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

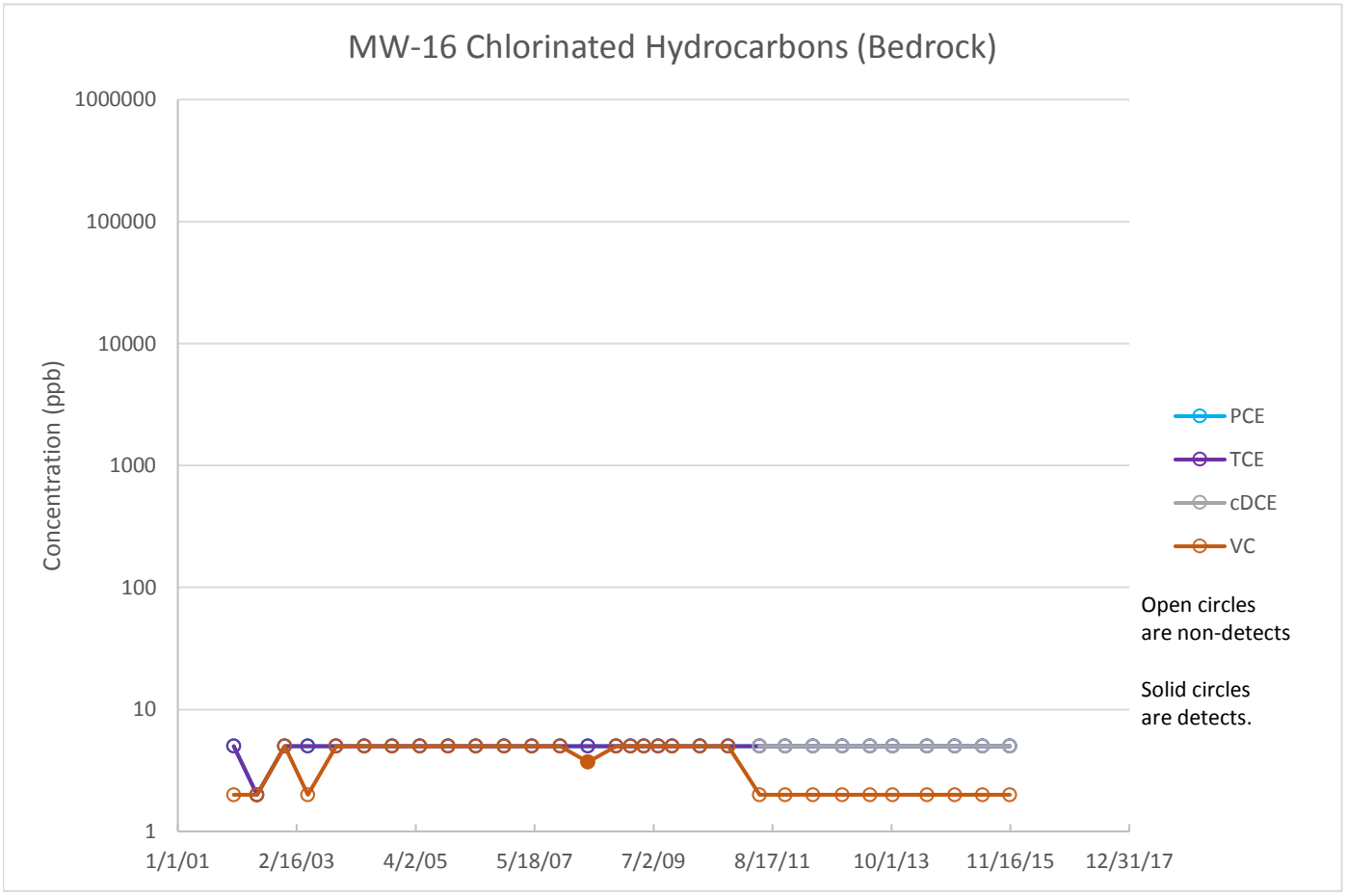

MW-14 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

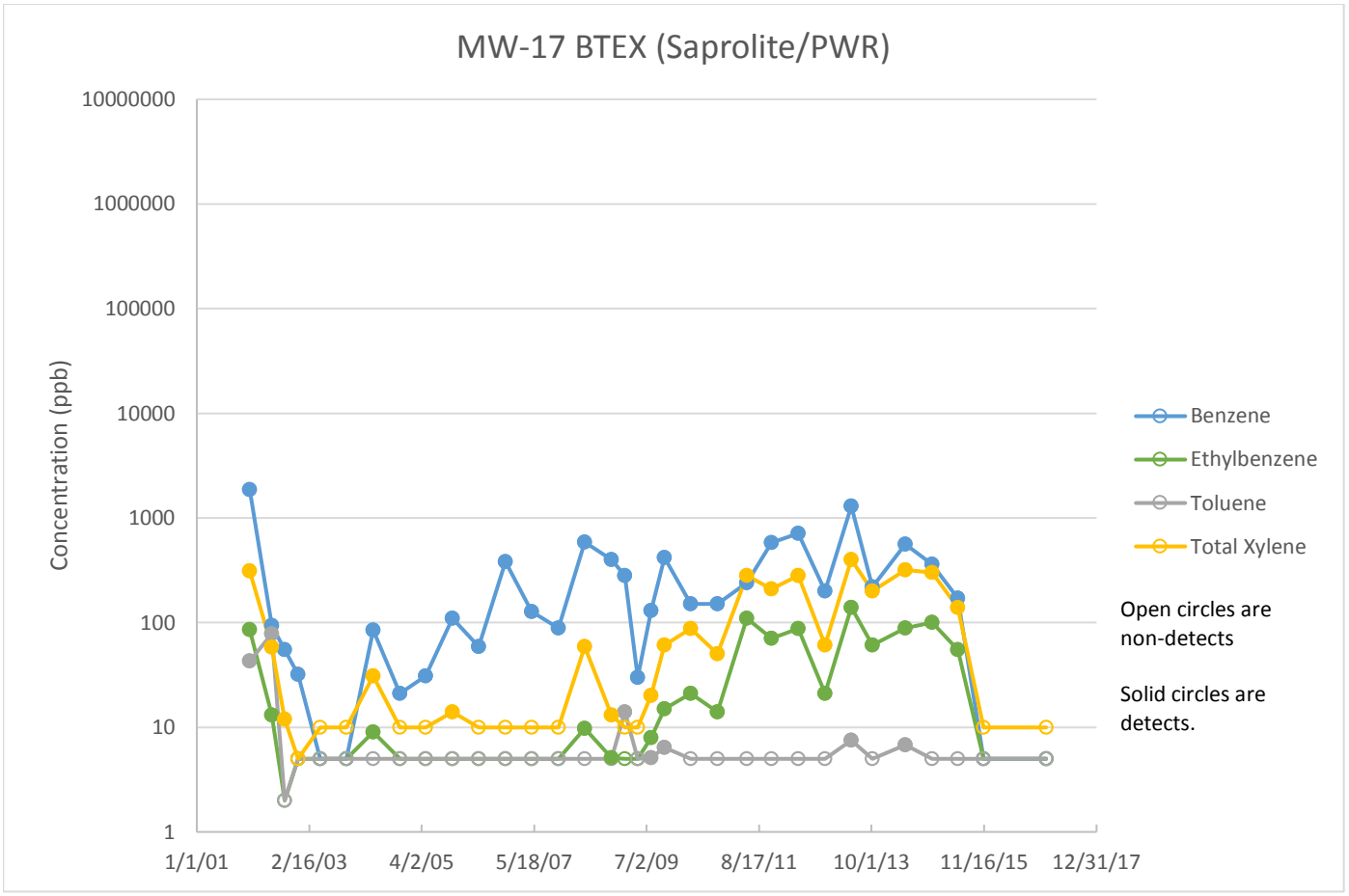

MW-14 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

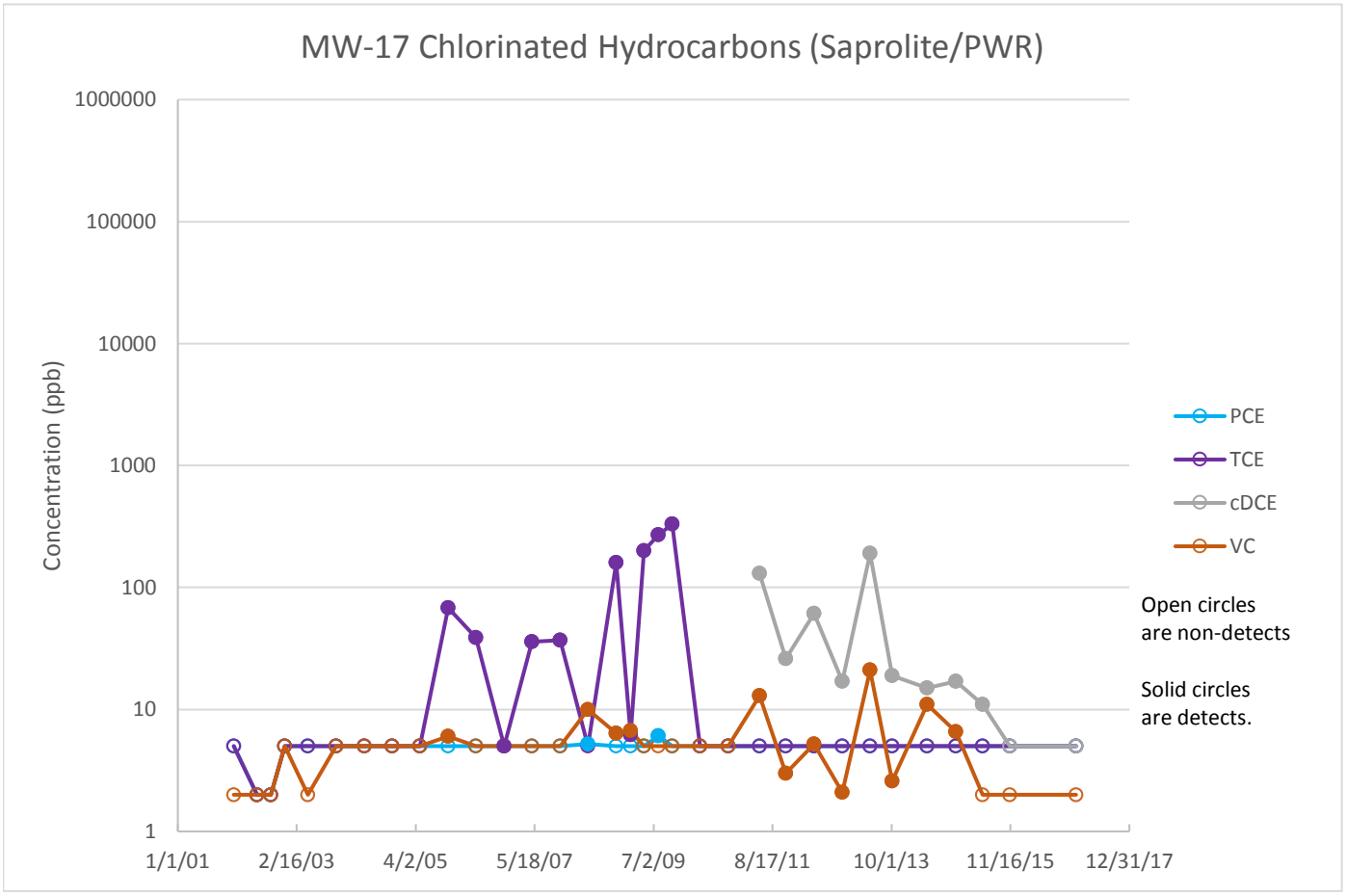

MW-15 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

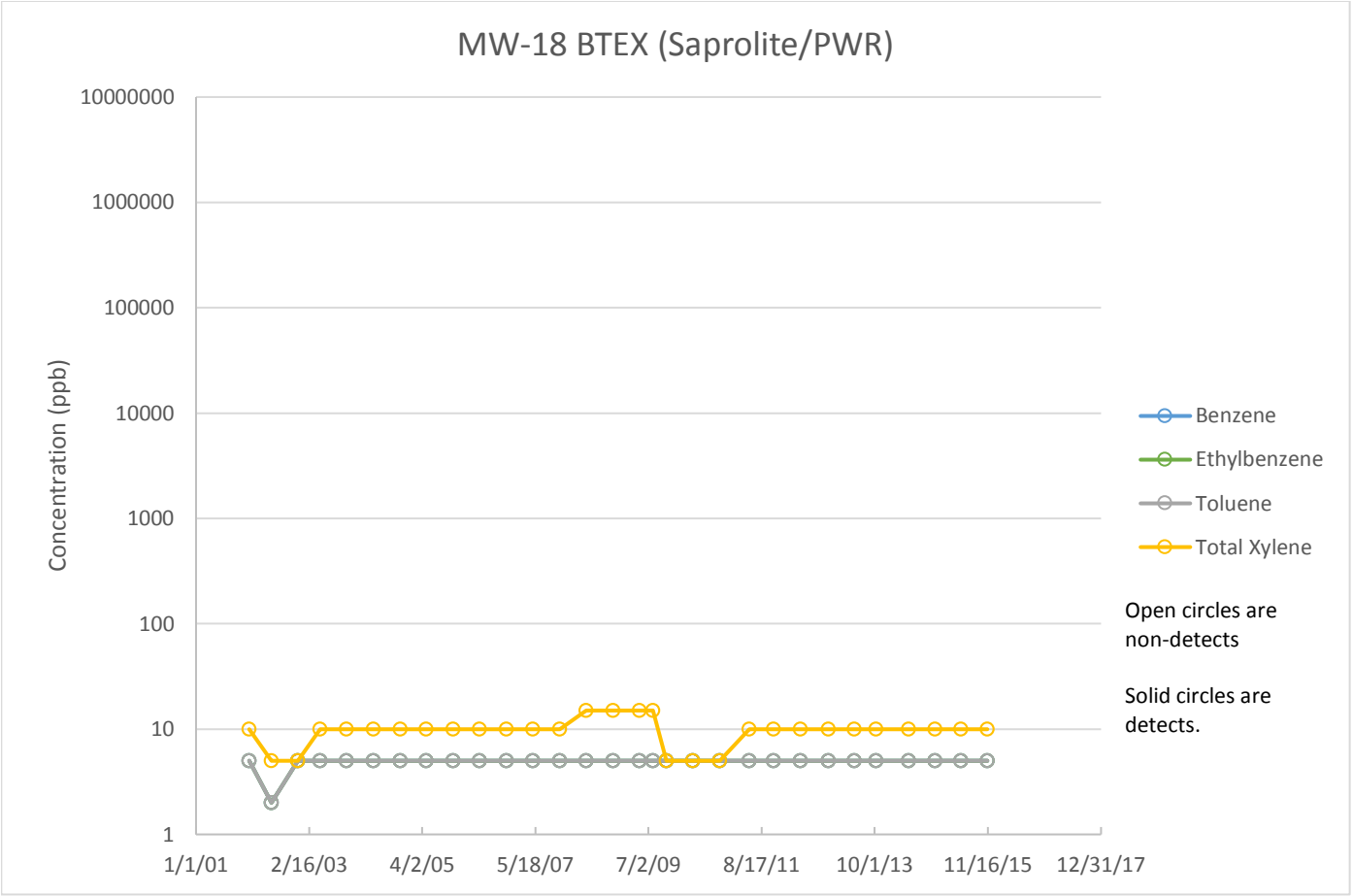

MW-15 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

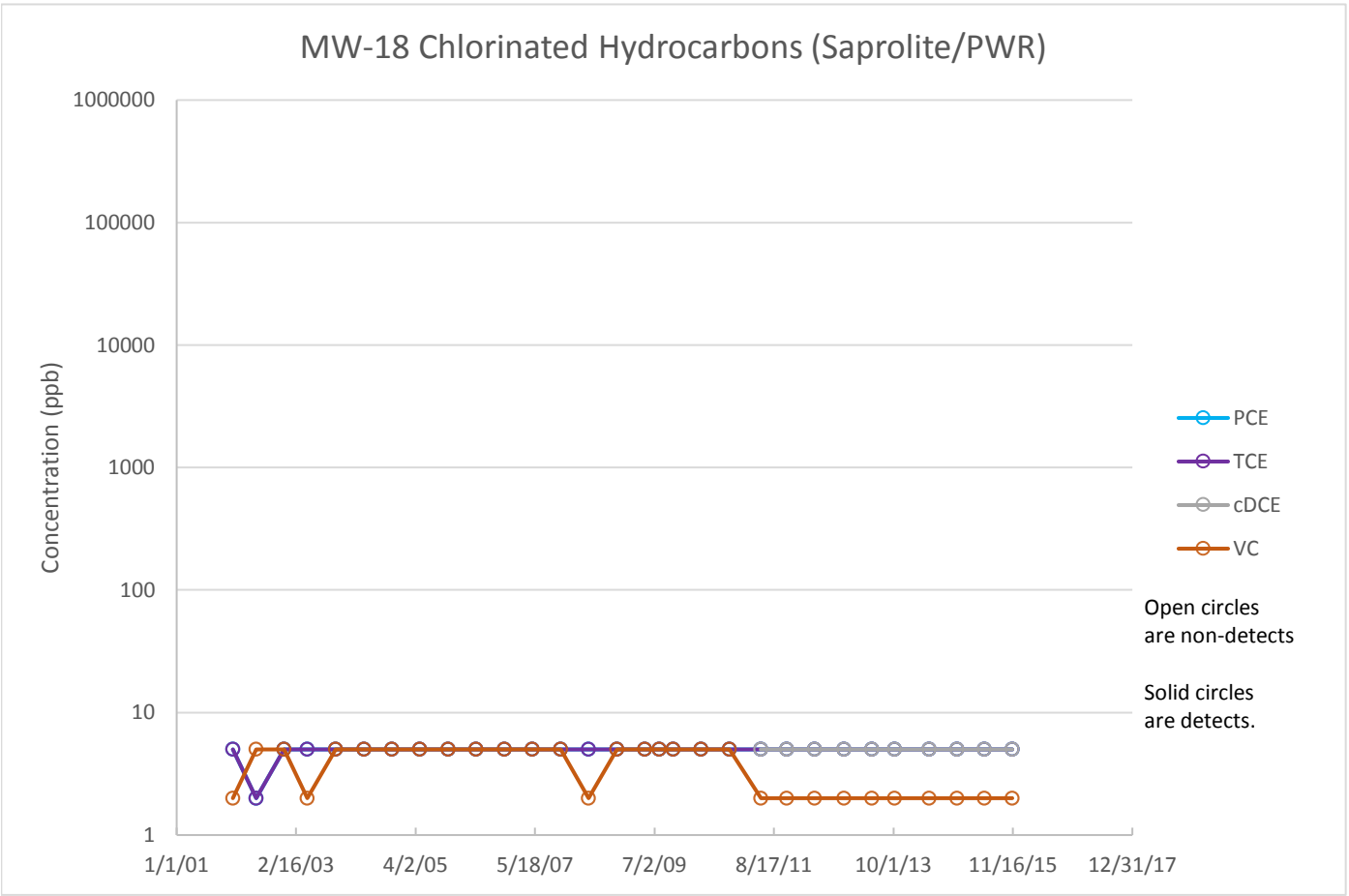

MW-16 BTEX (Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

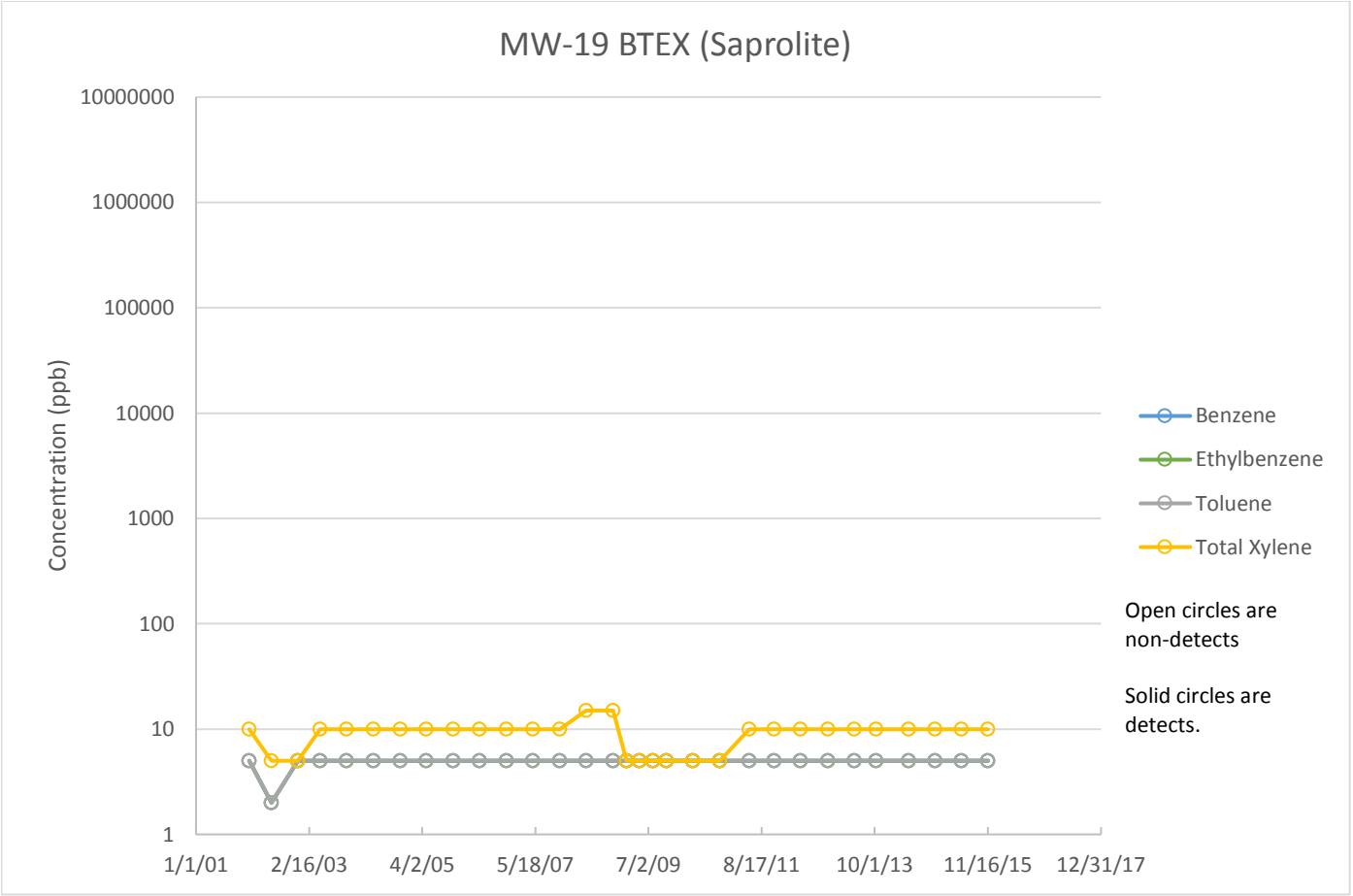

MW-16 Chlorinated Hydrocarbons (Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

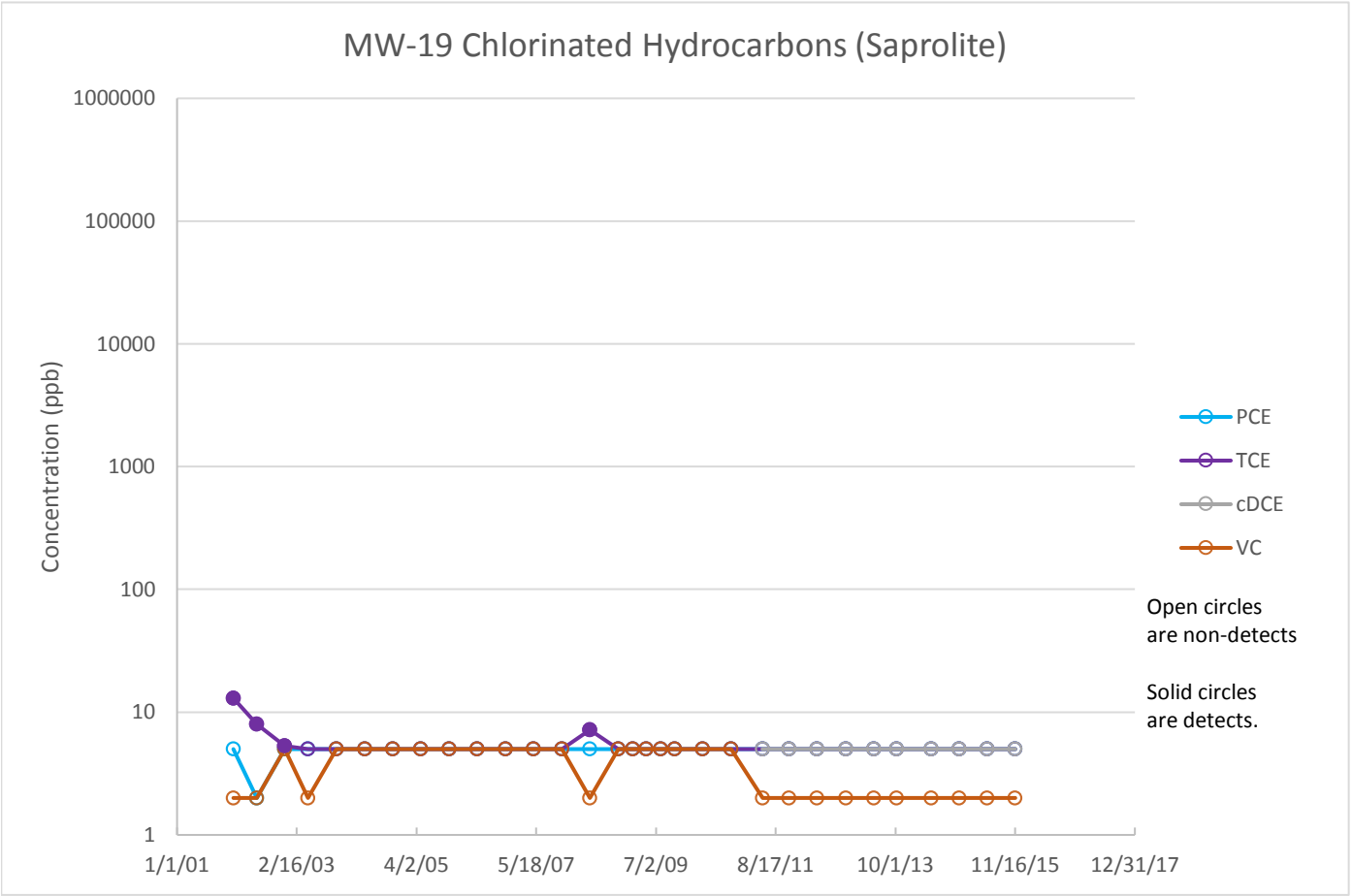

MW-17 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-17 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

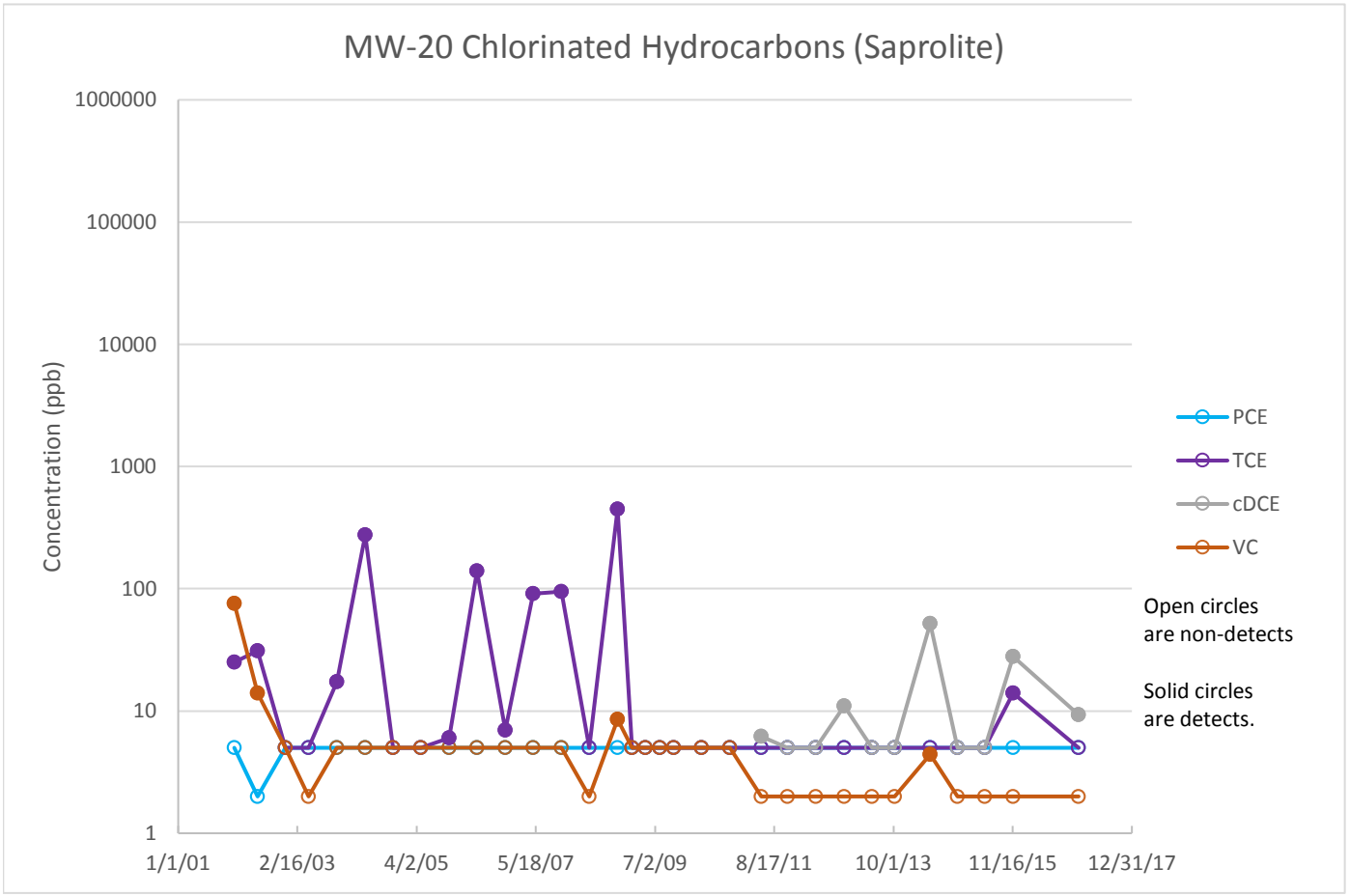

MW-18 BTEX (Saprolite/PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

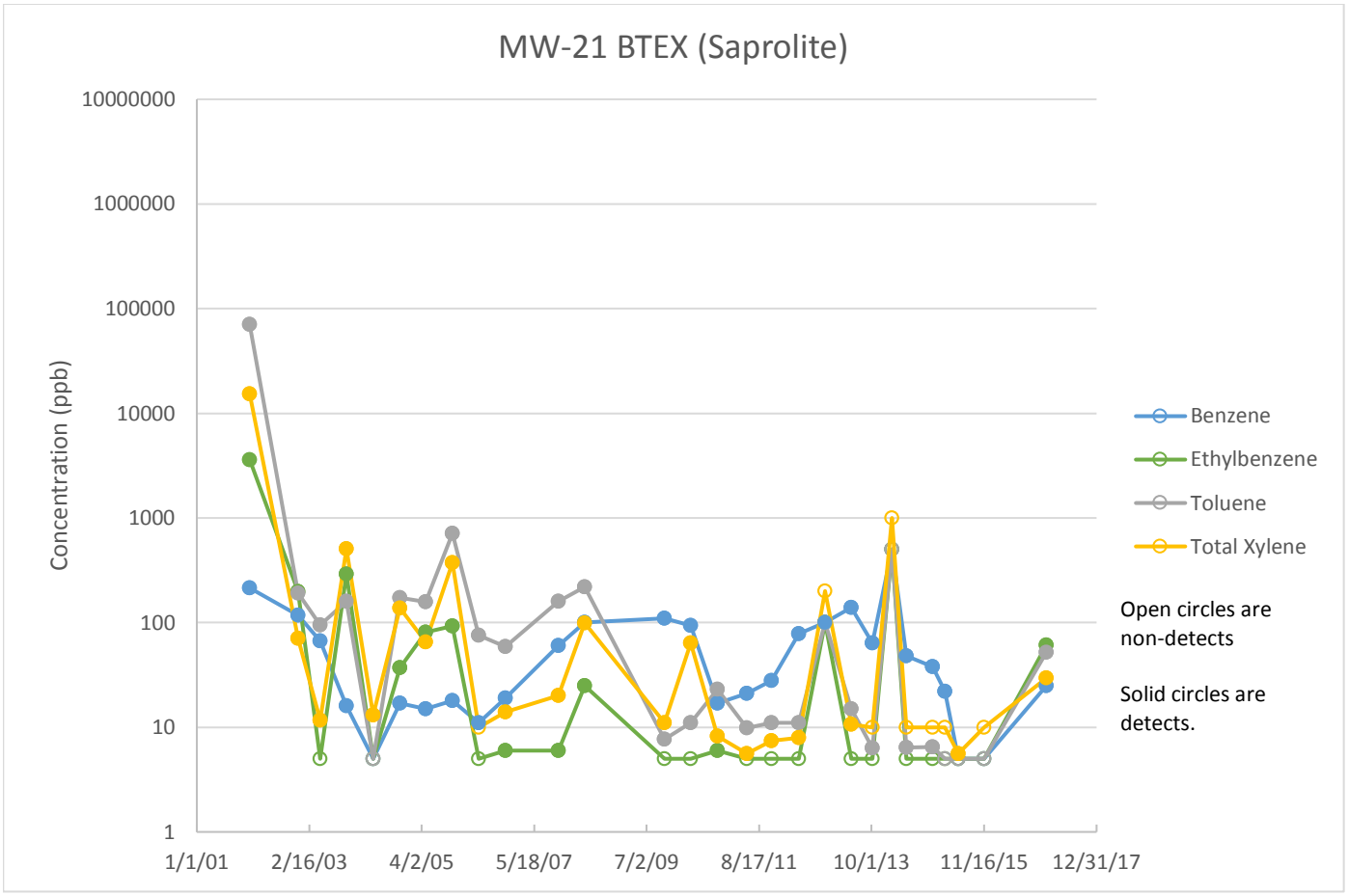

MW-18 Chlorinated Hydrocarbons (Saprolite/PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

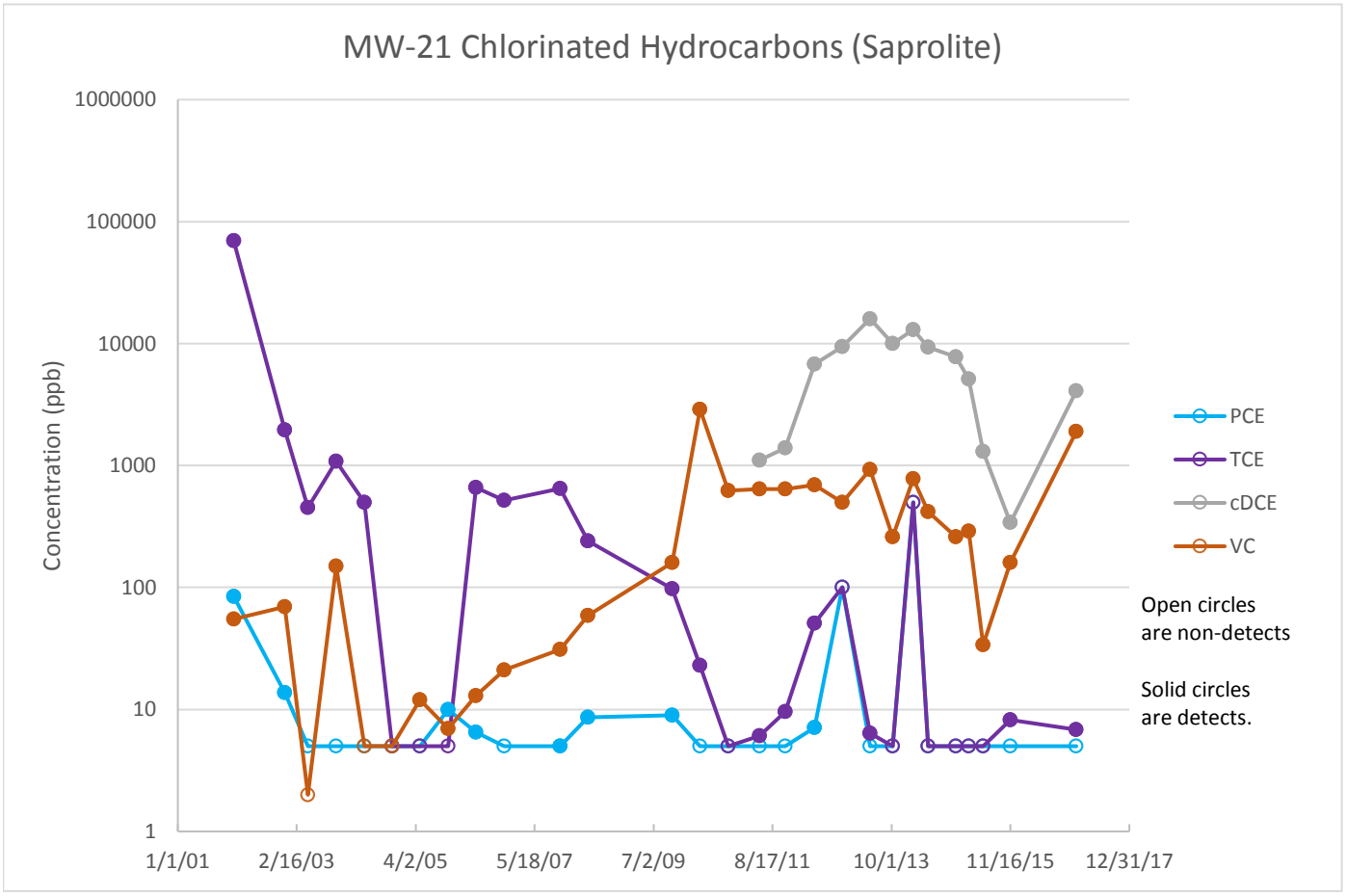

MW-19 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-19 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

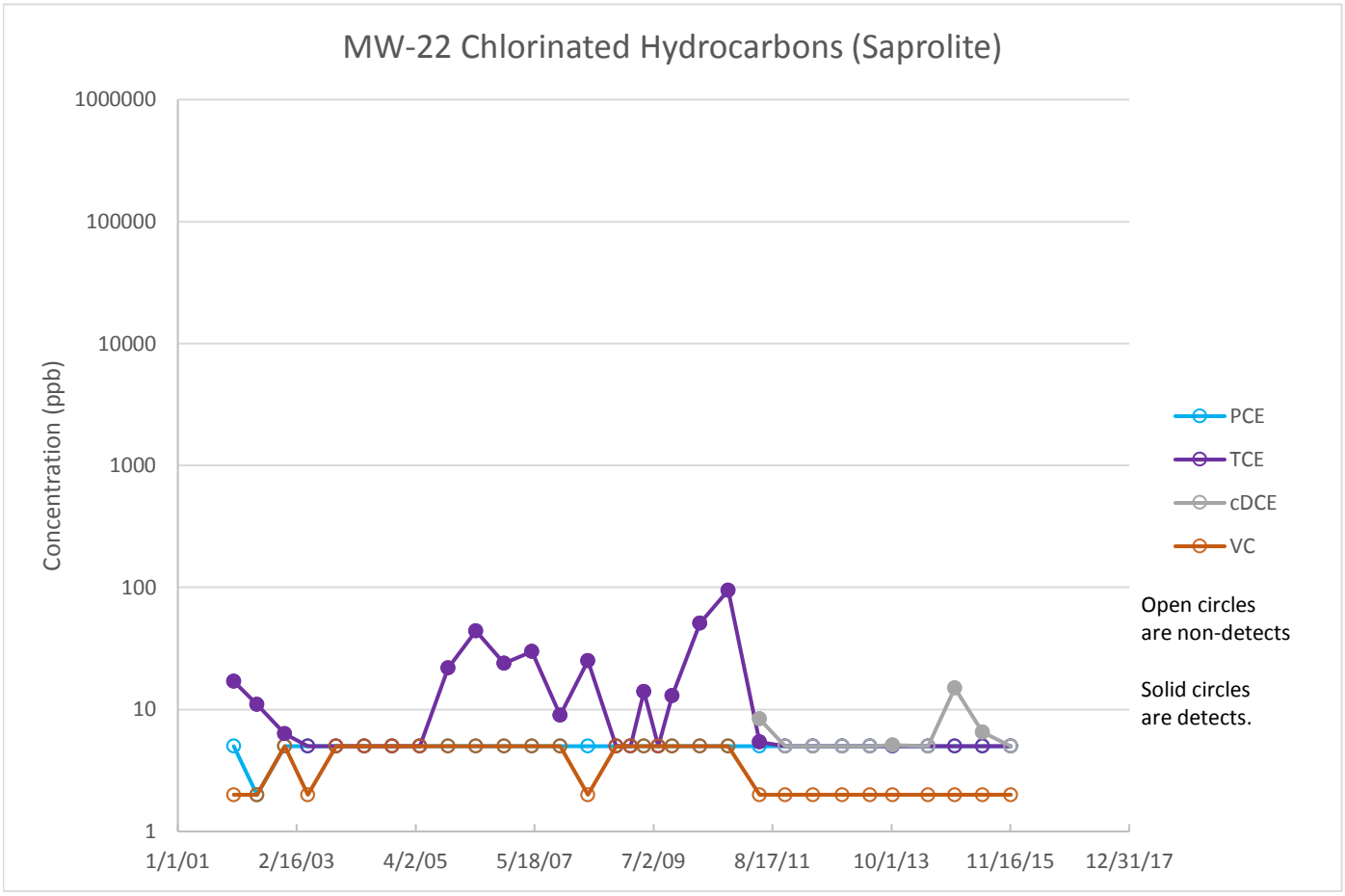

MW-20 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-20 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

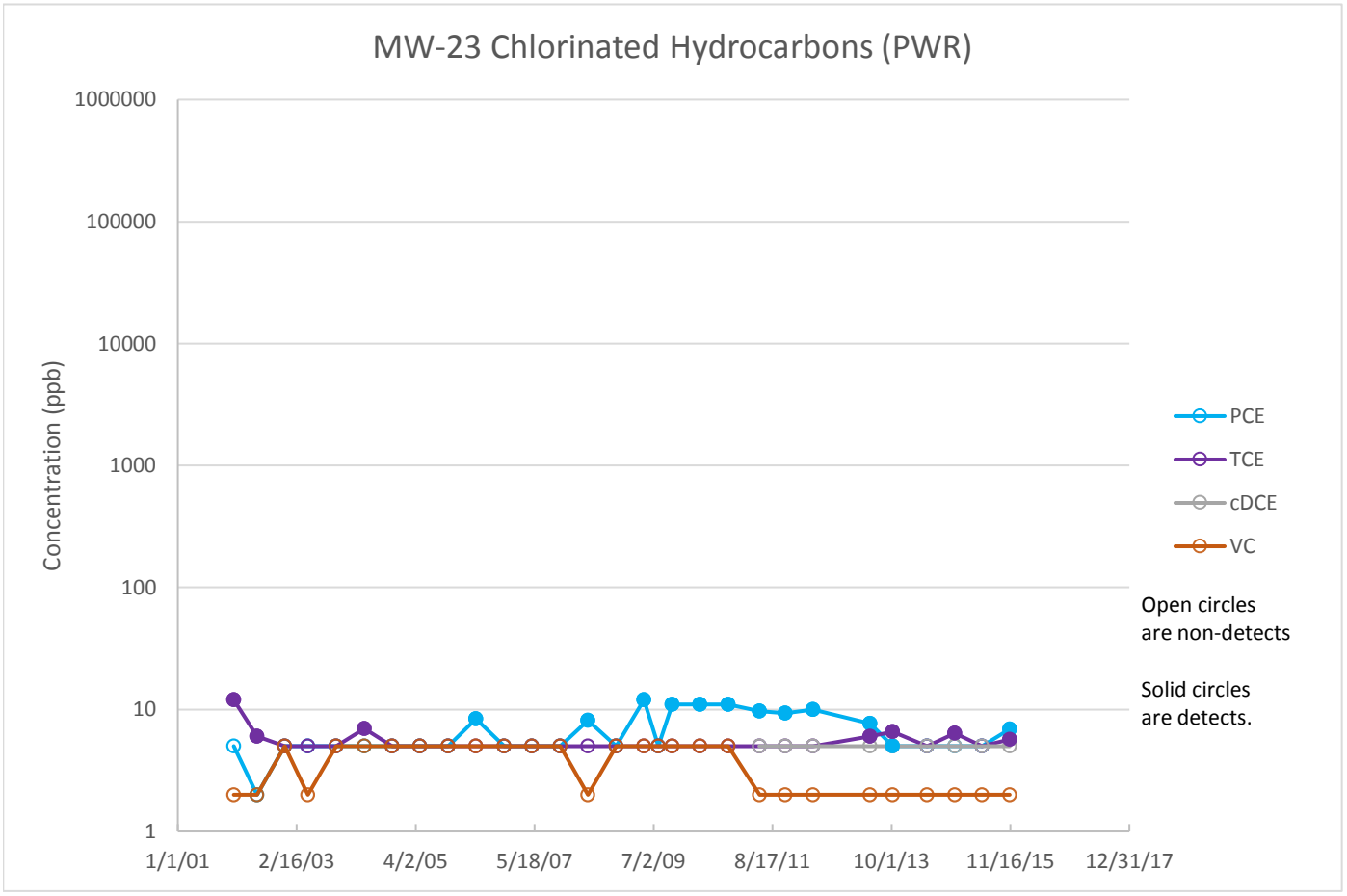

MW-21 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-21 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

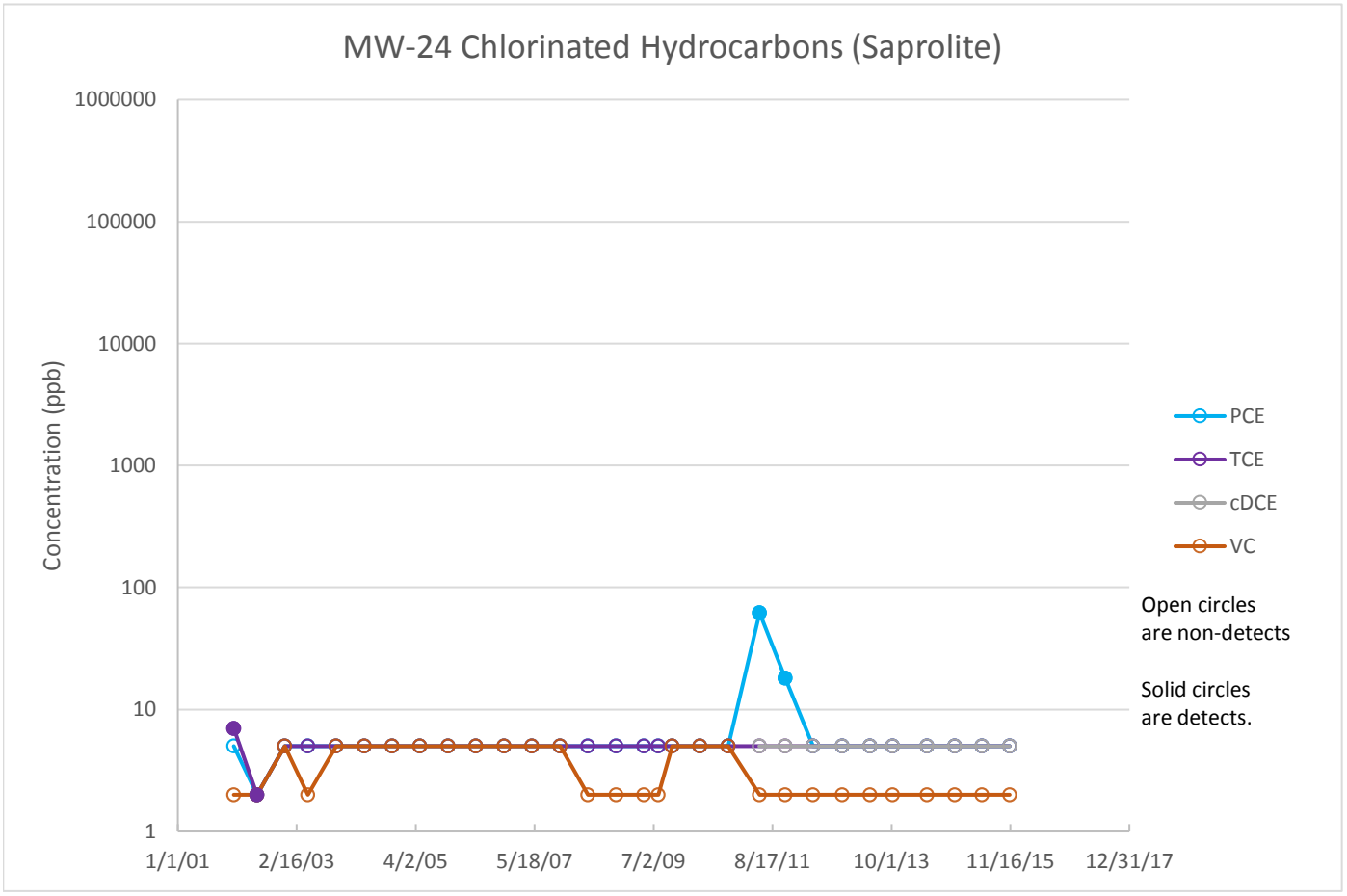

MW-22 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

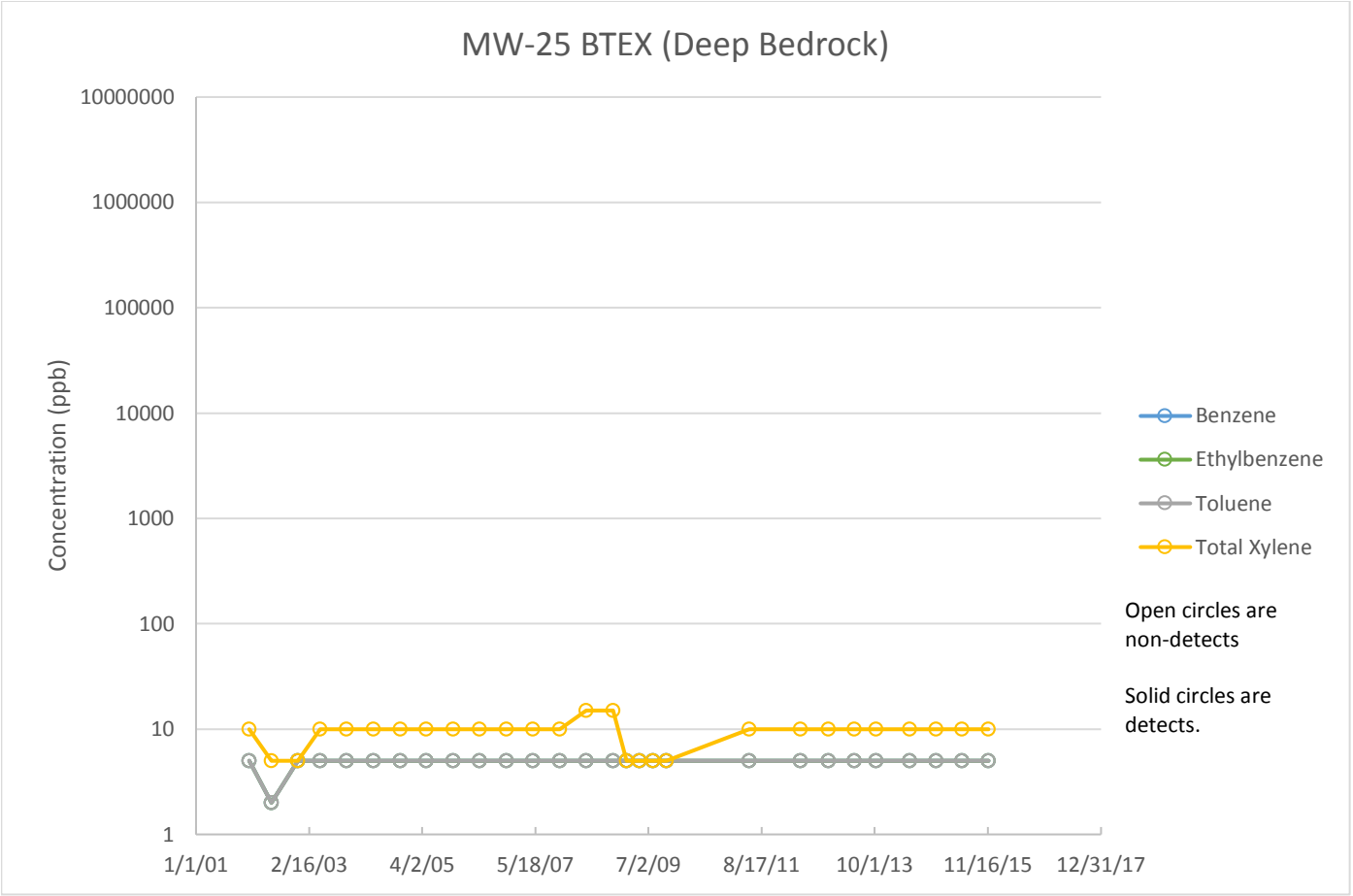

MW-22 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

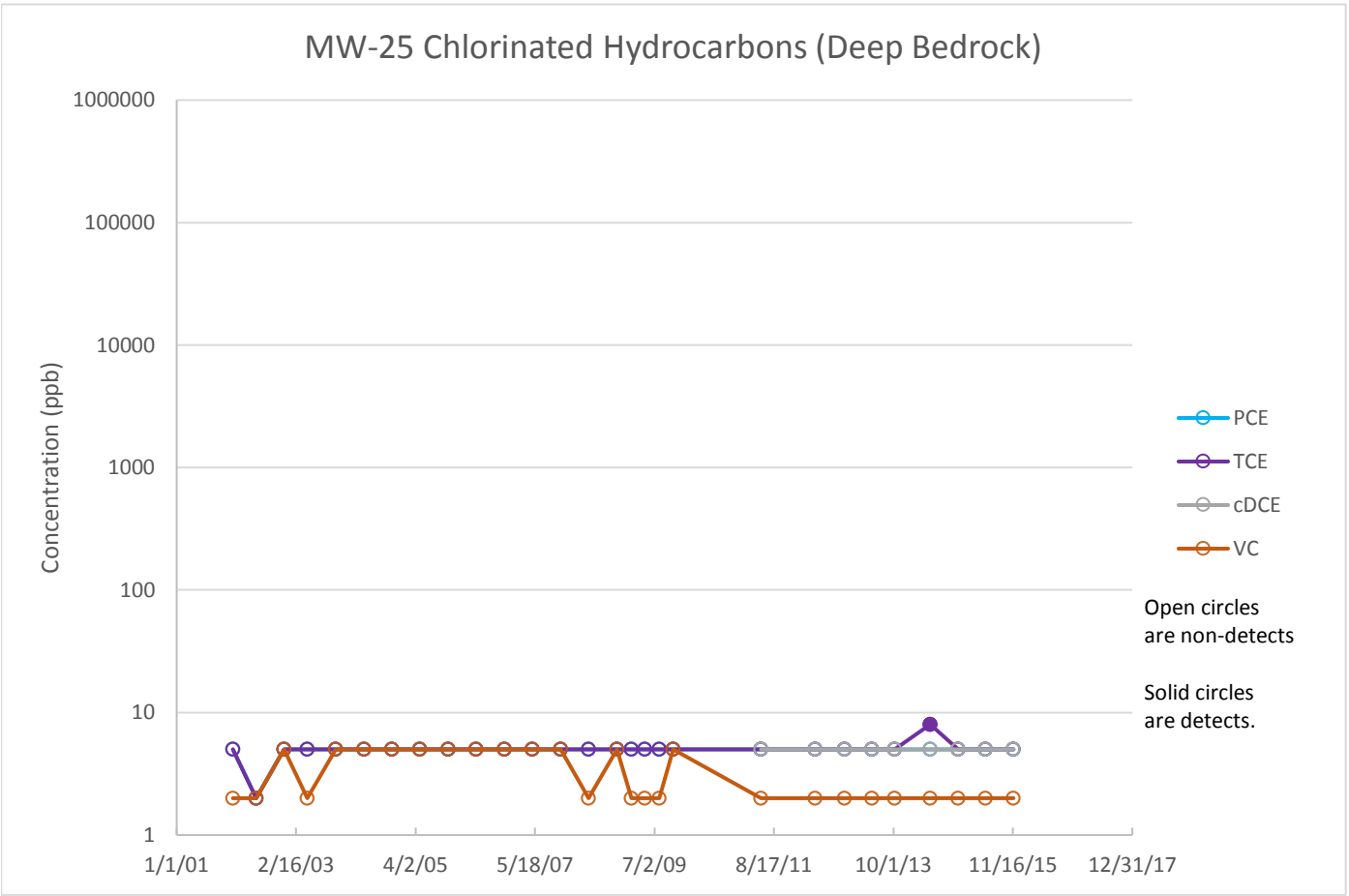

MW-23 BTEX (PWR)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-23 Chlorinated Hydrocarbons (PWR)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

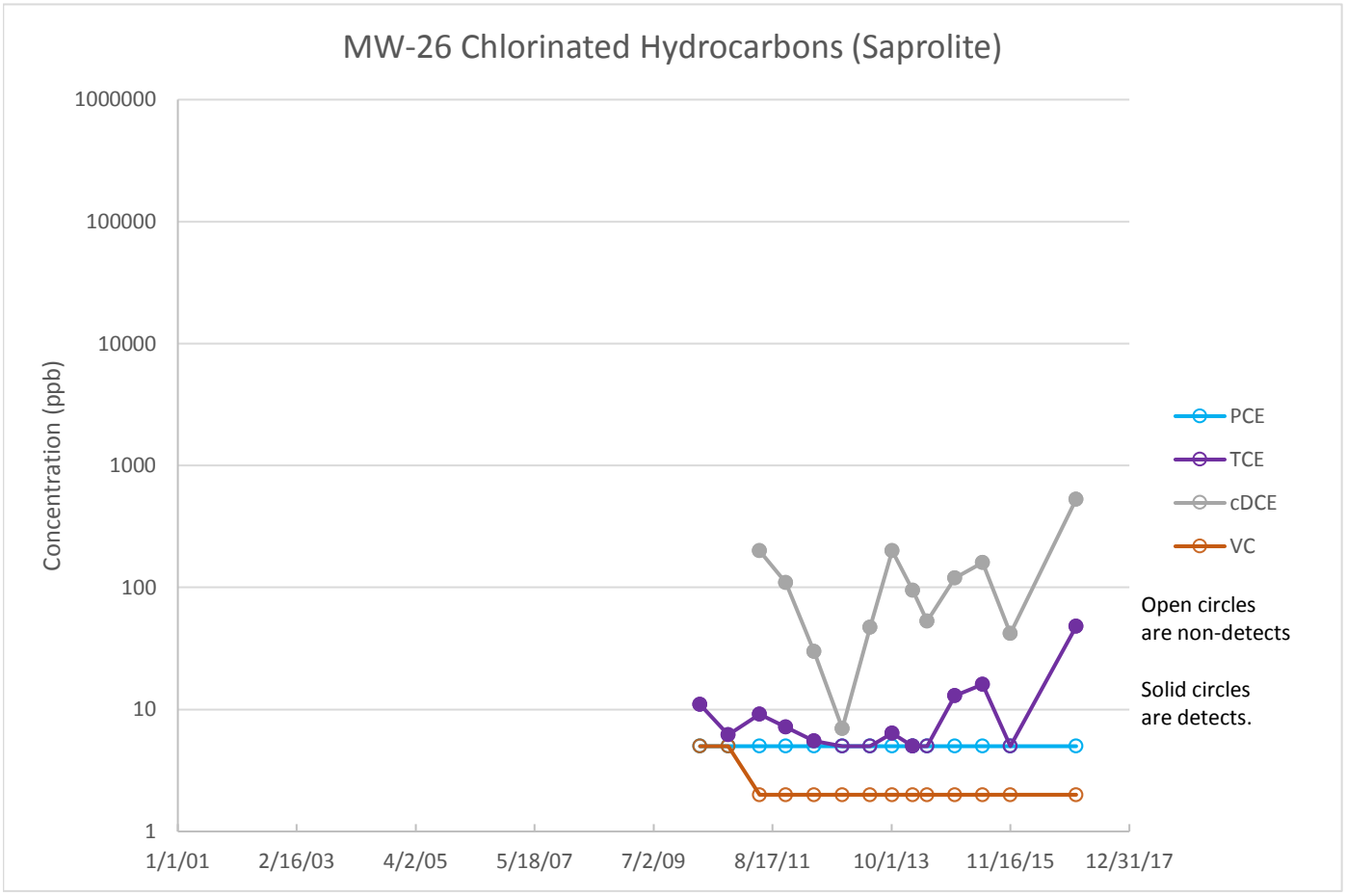

MW-24 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

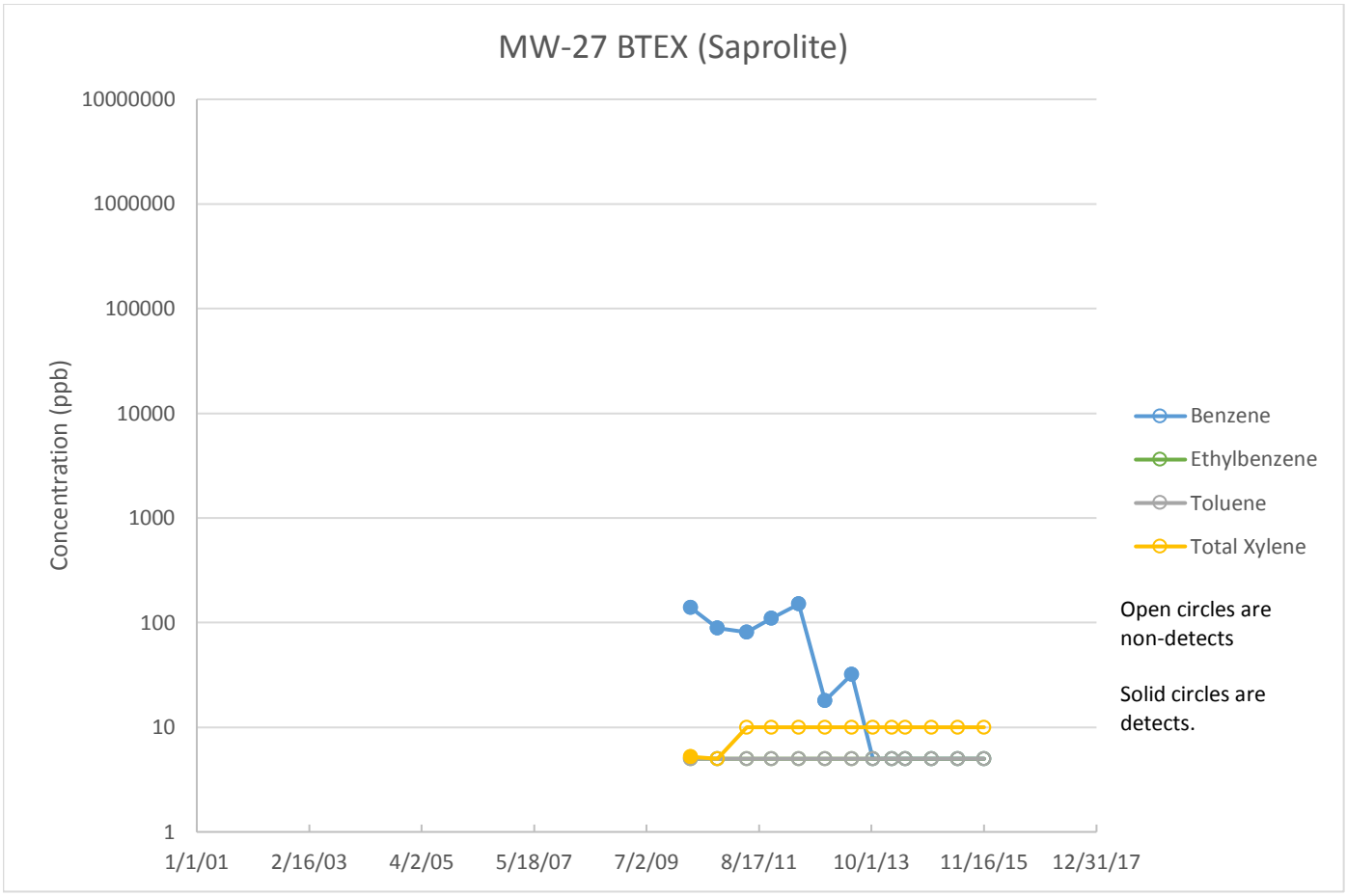

MW-24 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

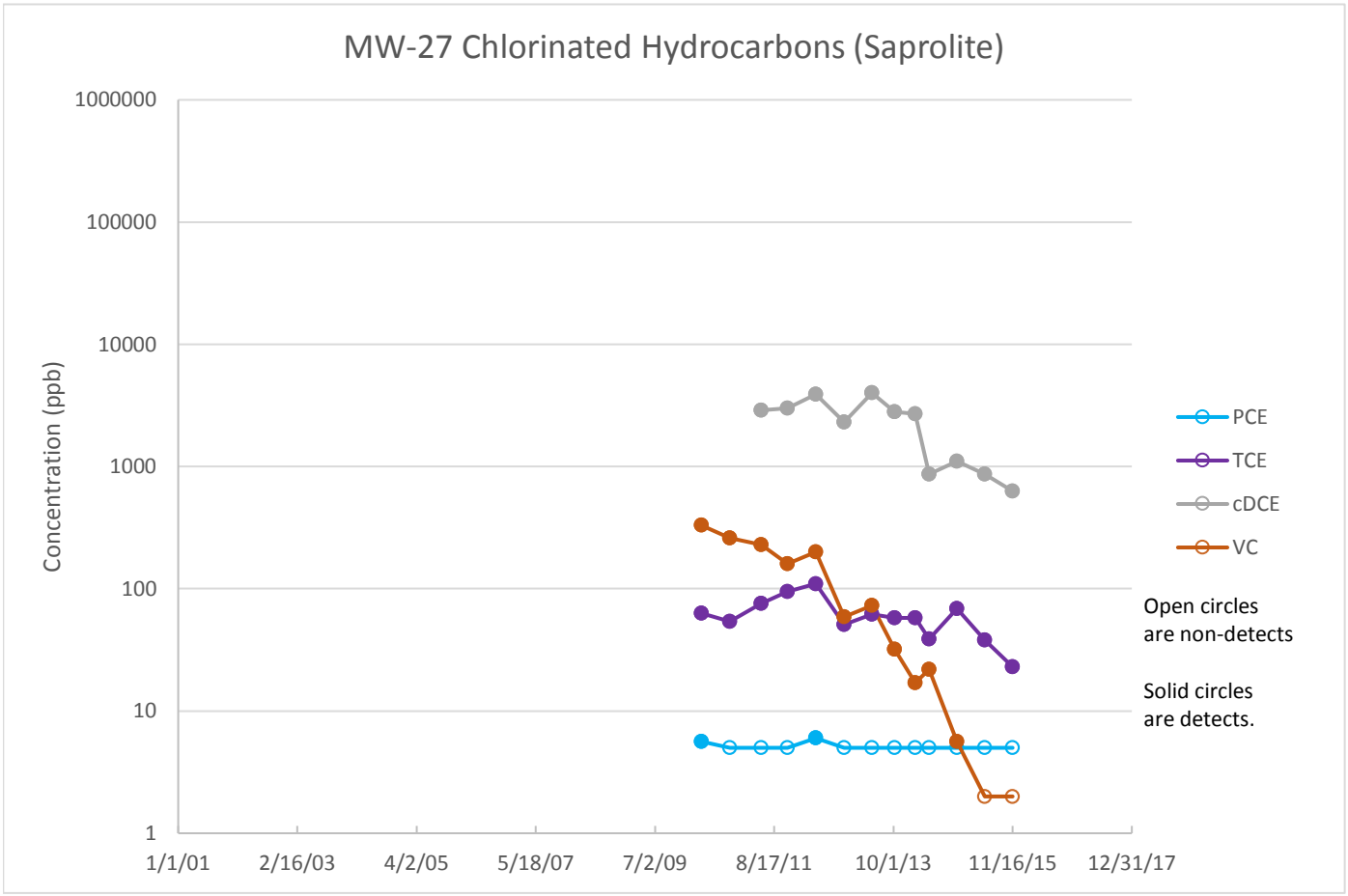

MW-25 BTEX (Deep Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

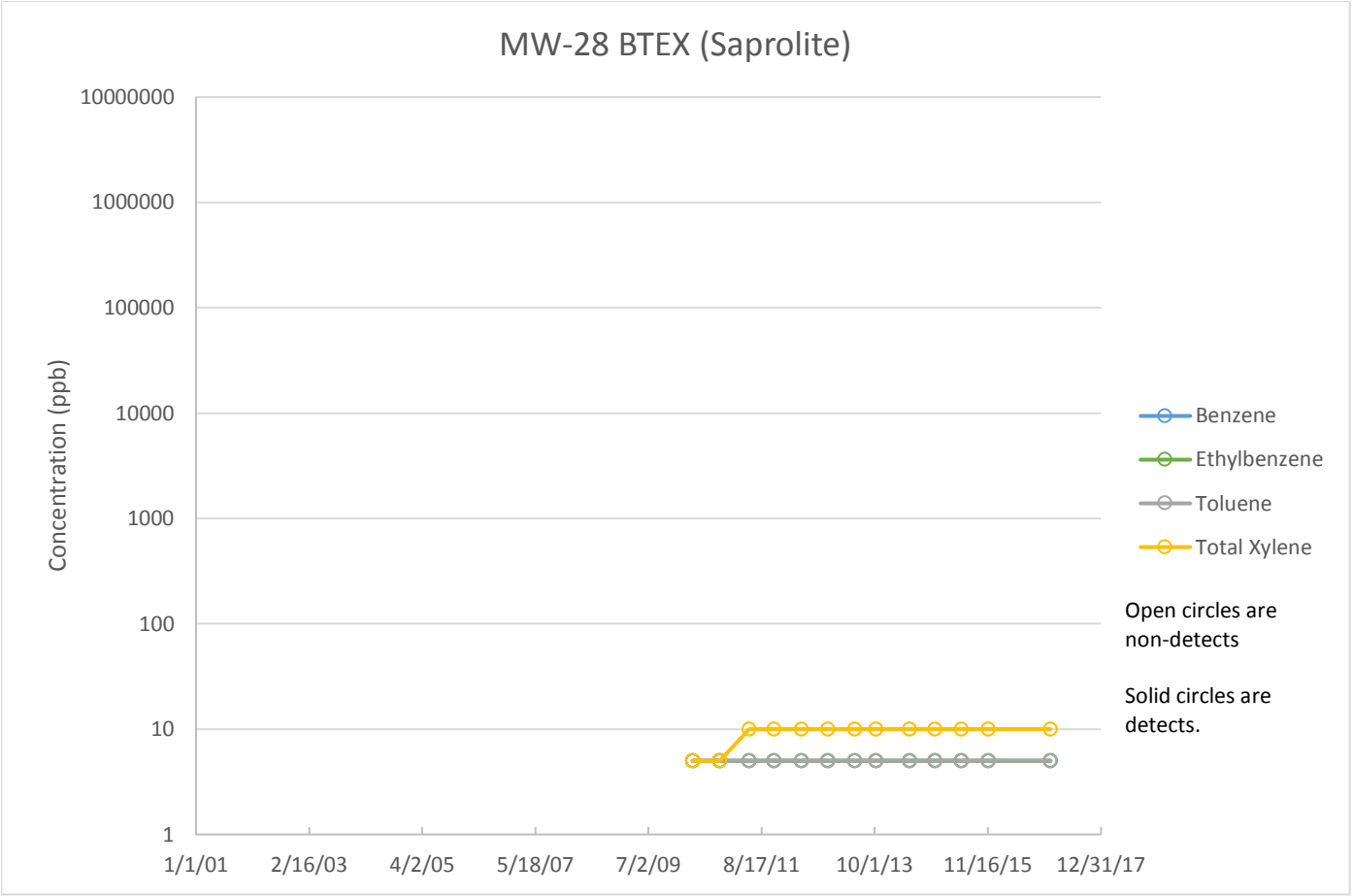

MW-25 Chlorinated Hydrocarbons (Deep Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

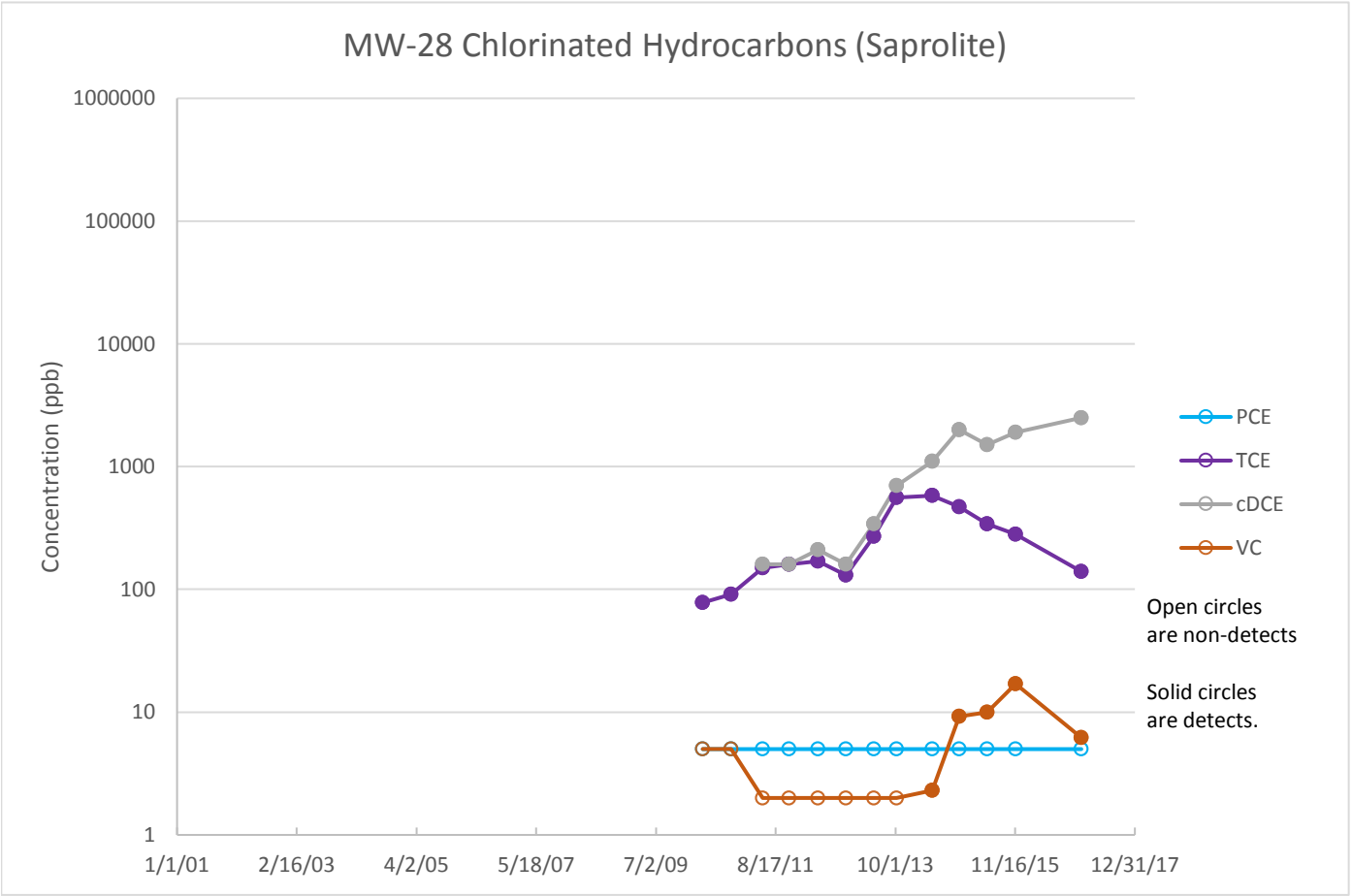

MW-26 BTEX (Saprolite)
10000000
1000000
100000
10000
1000
100
10
1
Concentration (ppb)
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-26 Chlorinated Hydrocarbons (Saprolite)
1000000
100000
10000
1000
100
10
1
Concentration (ppb)
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

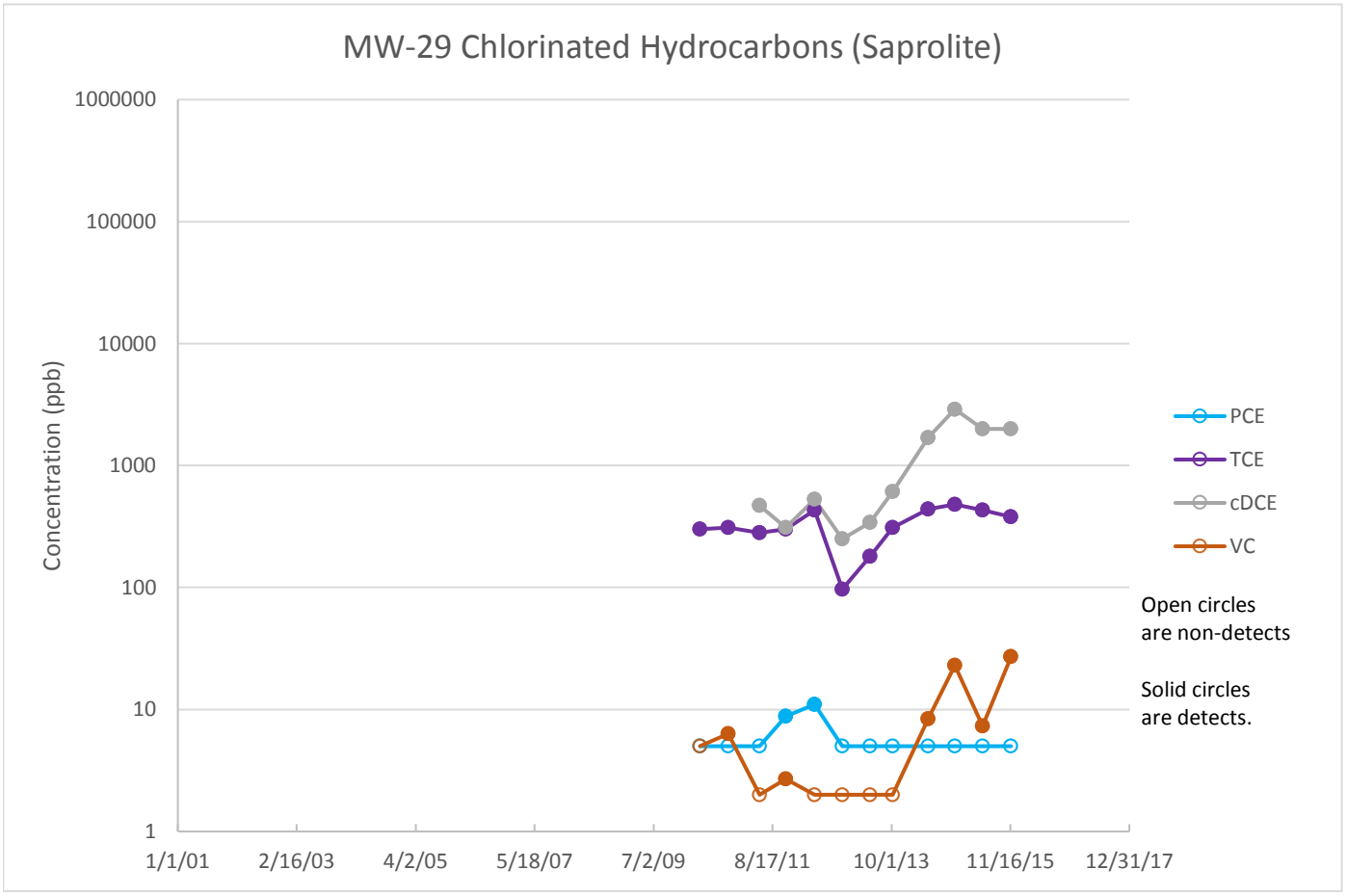

MW-27 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

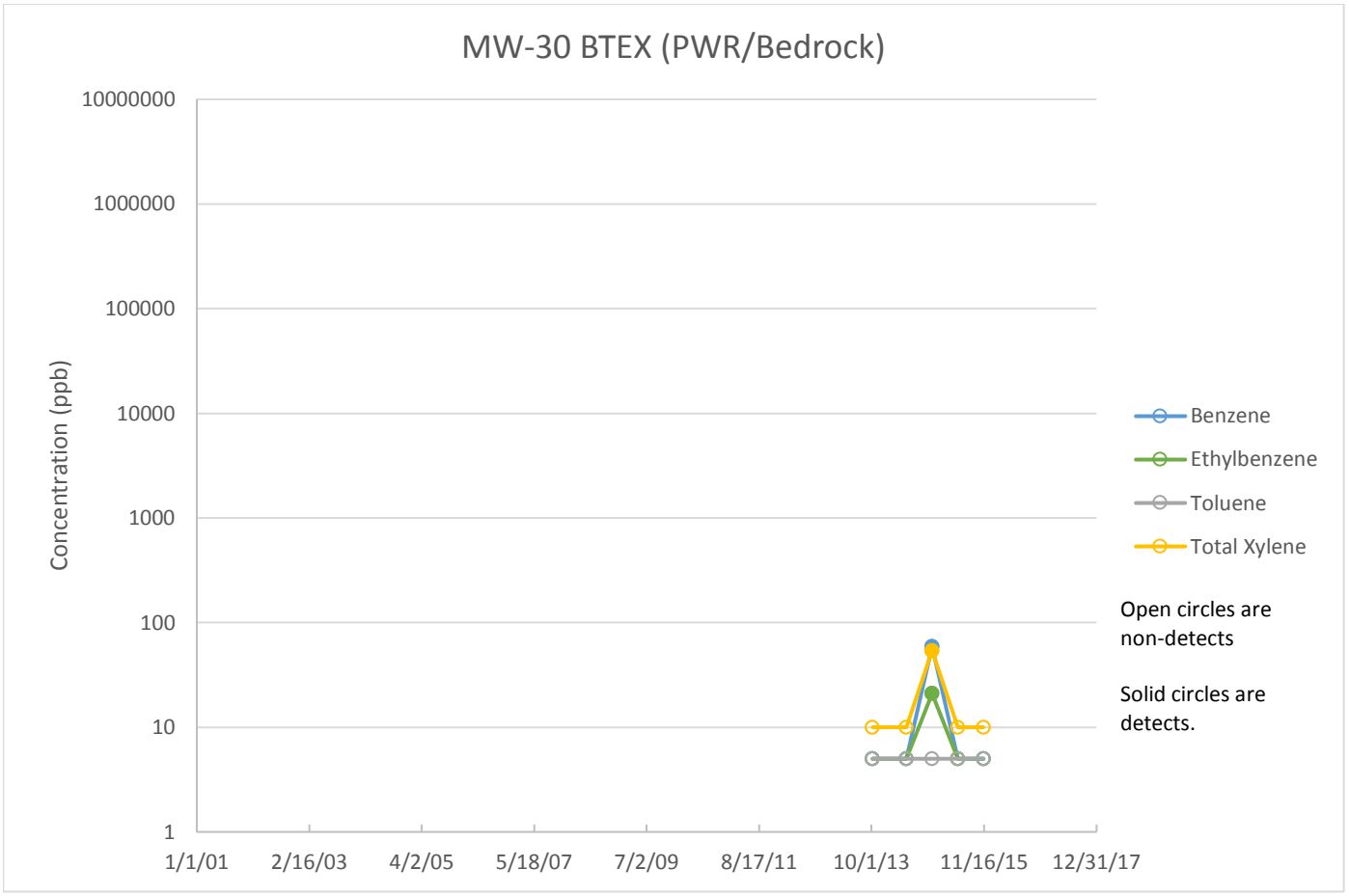

MW-27 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

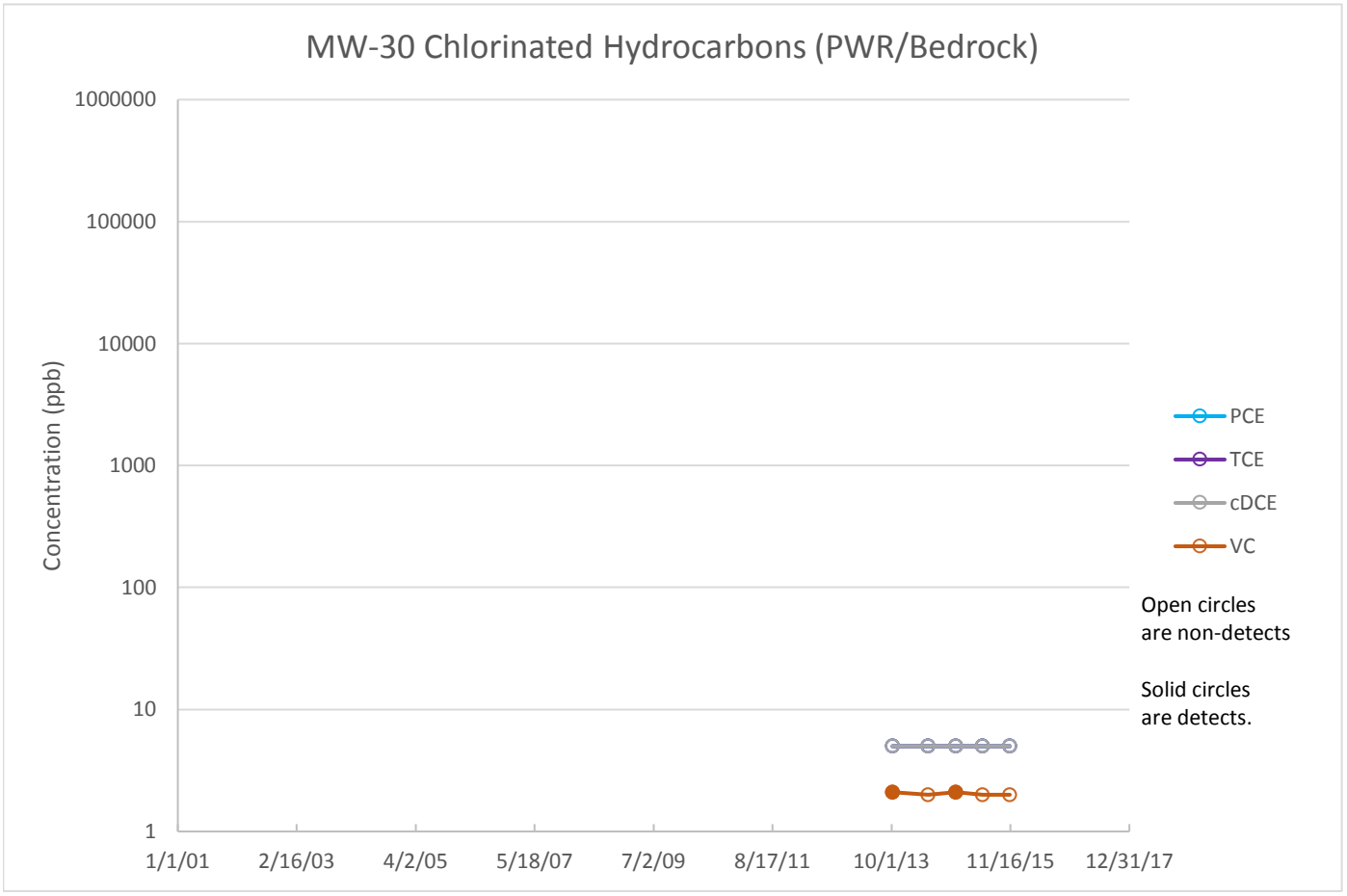

MW-28 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-28 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

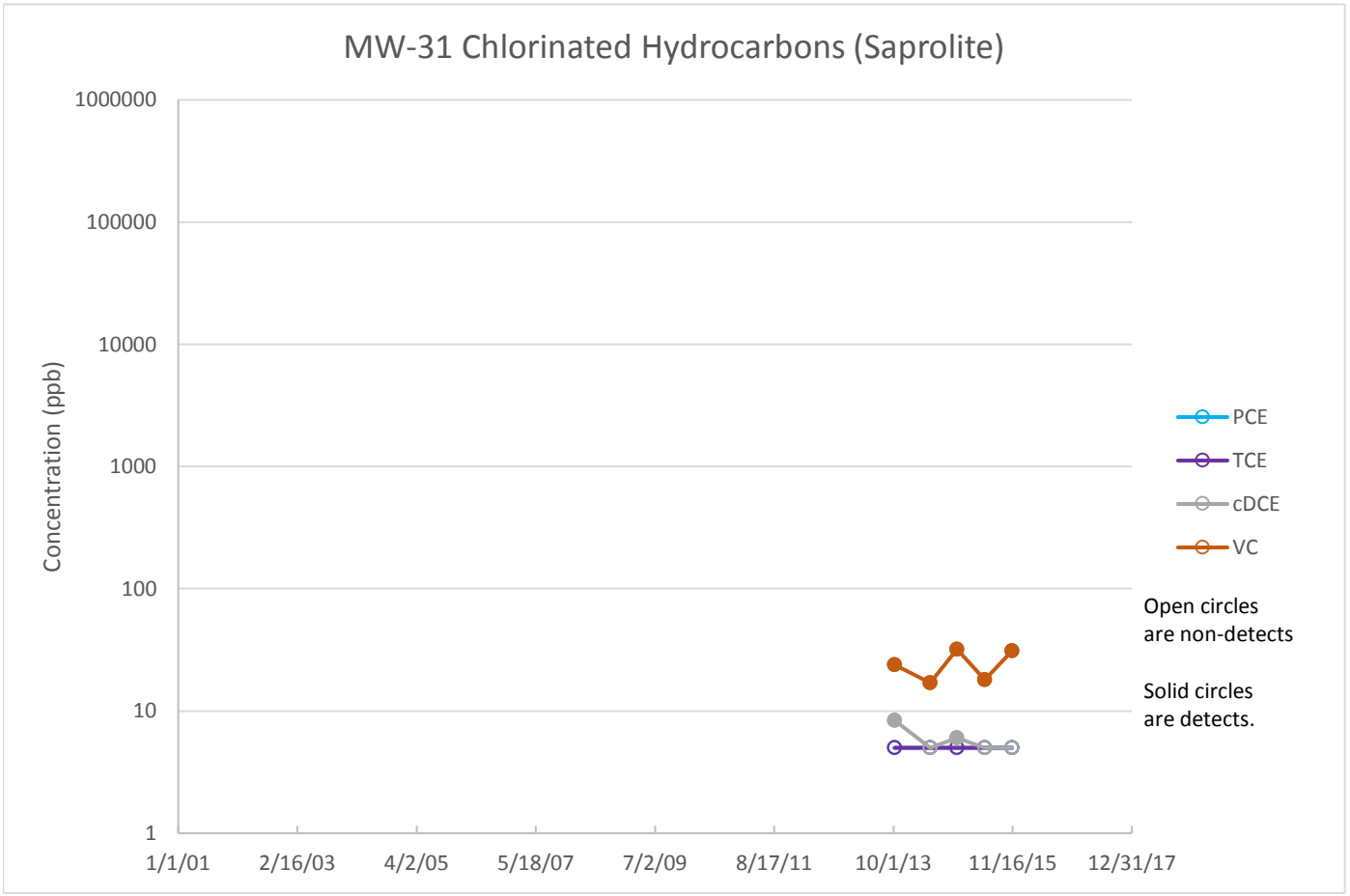

MW-29 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

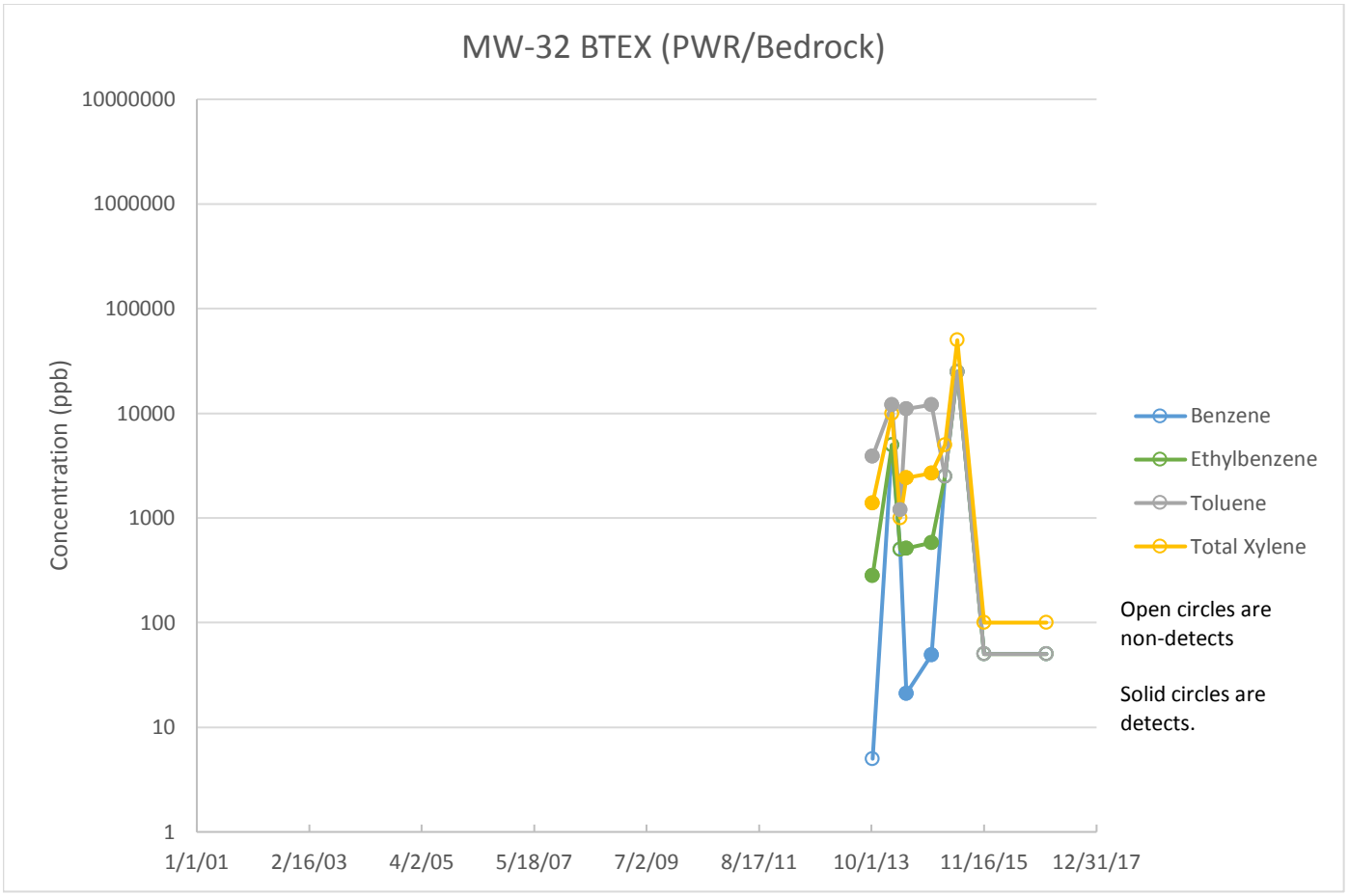

MW-29 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

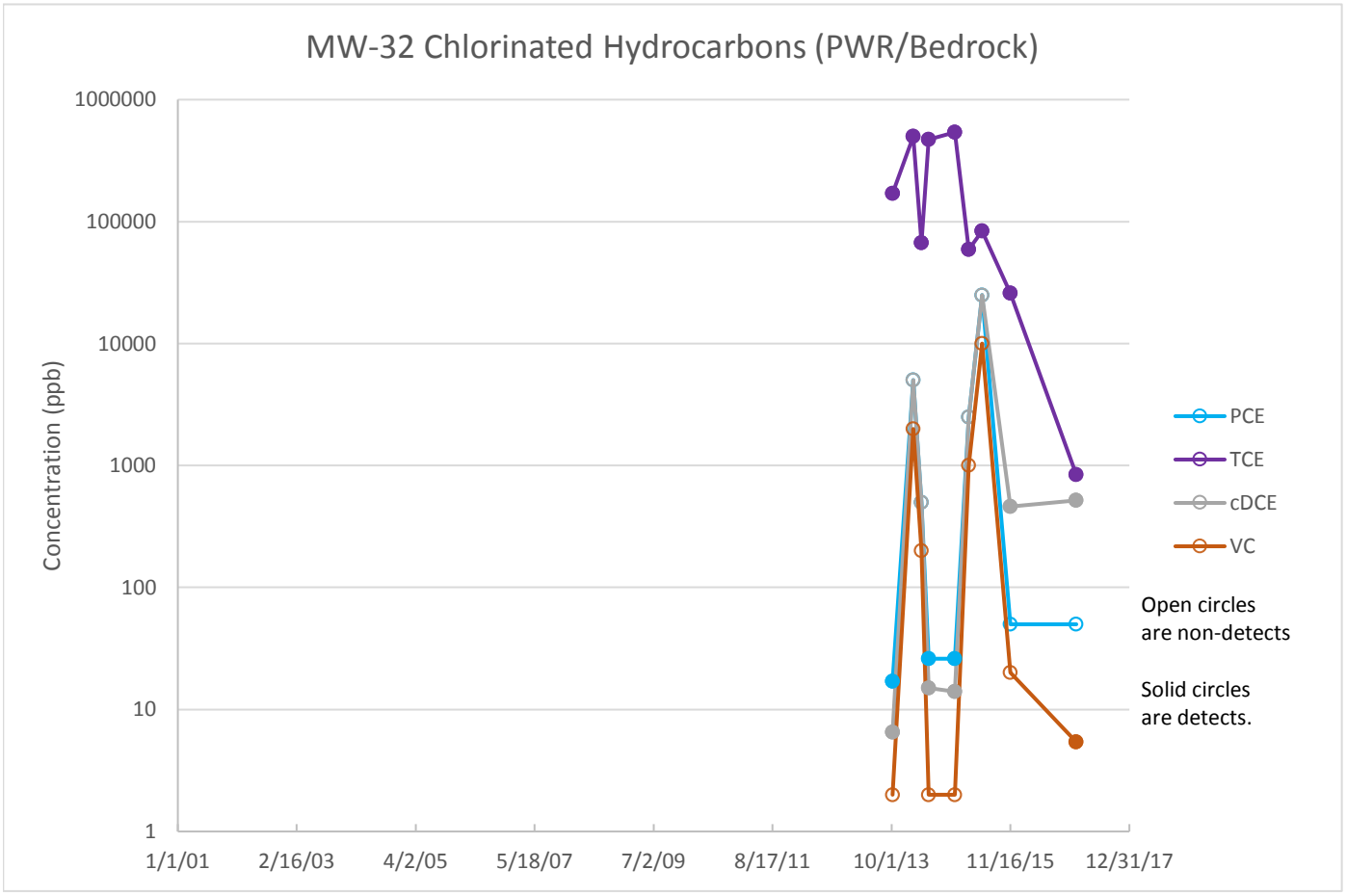

MW-30 BTEX (PWR/Bedrock)
10000000
1000000
100000
10000
1000
100
10
1
Concentration (ppb)
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


MW-30 Chlorinated Hydrocarbons (PWR/Bedrock)
1000000
100000
10000
1000
100
10
1
Concentration (ppb)
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

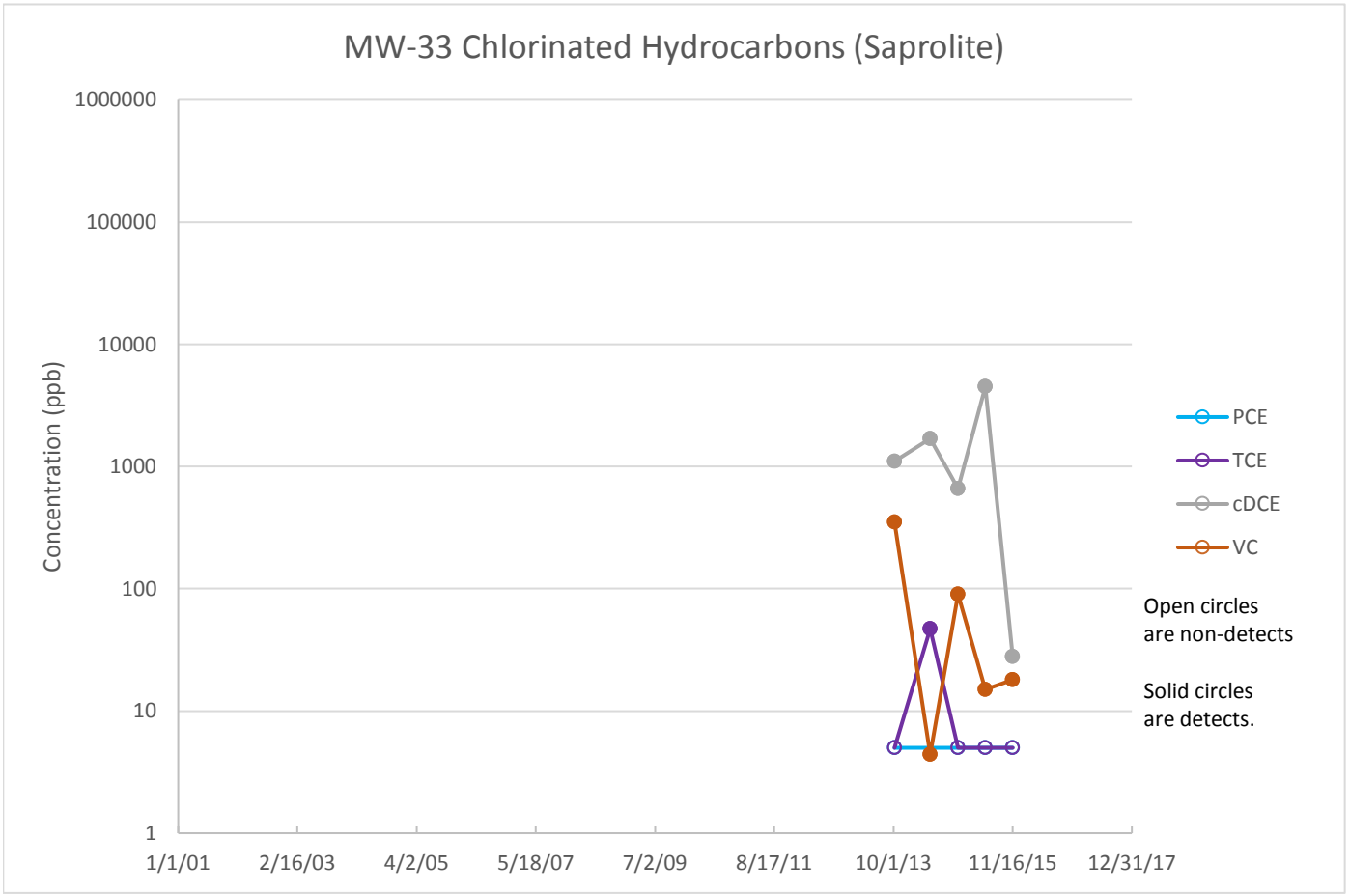

MW-31 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

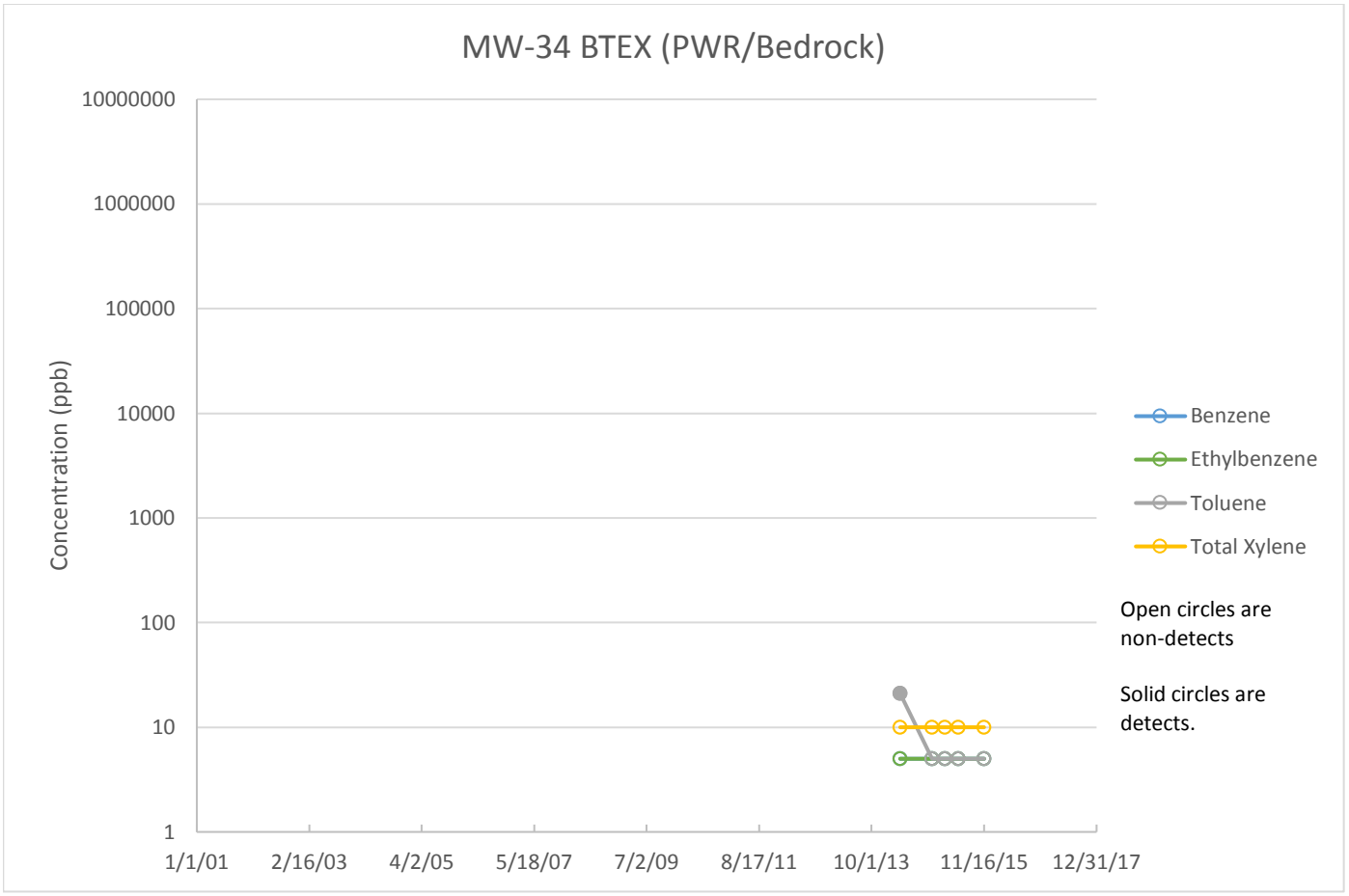

MW-31 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

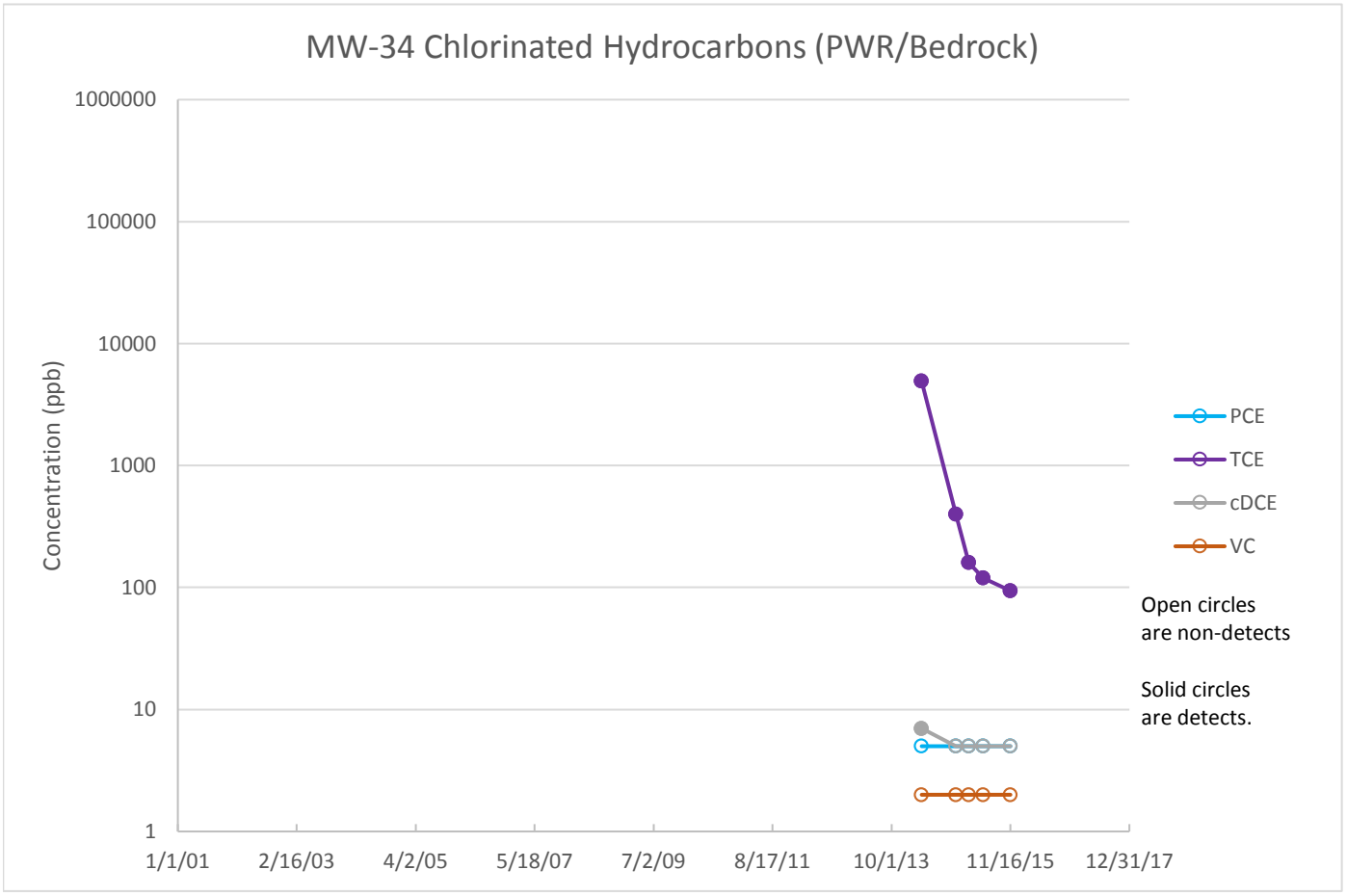

MW-32 BTEX (PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

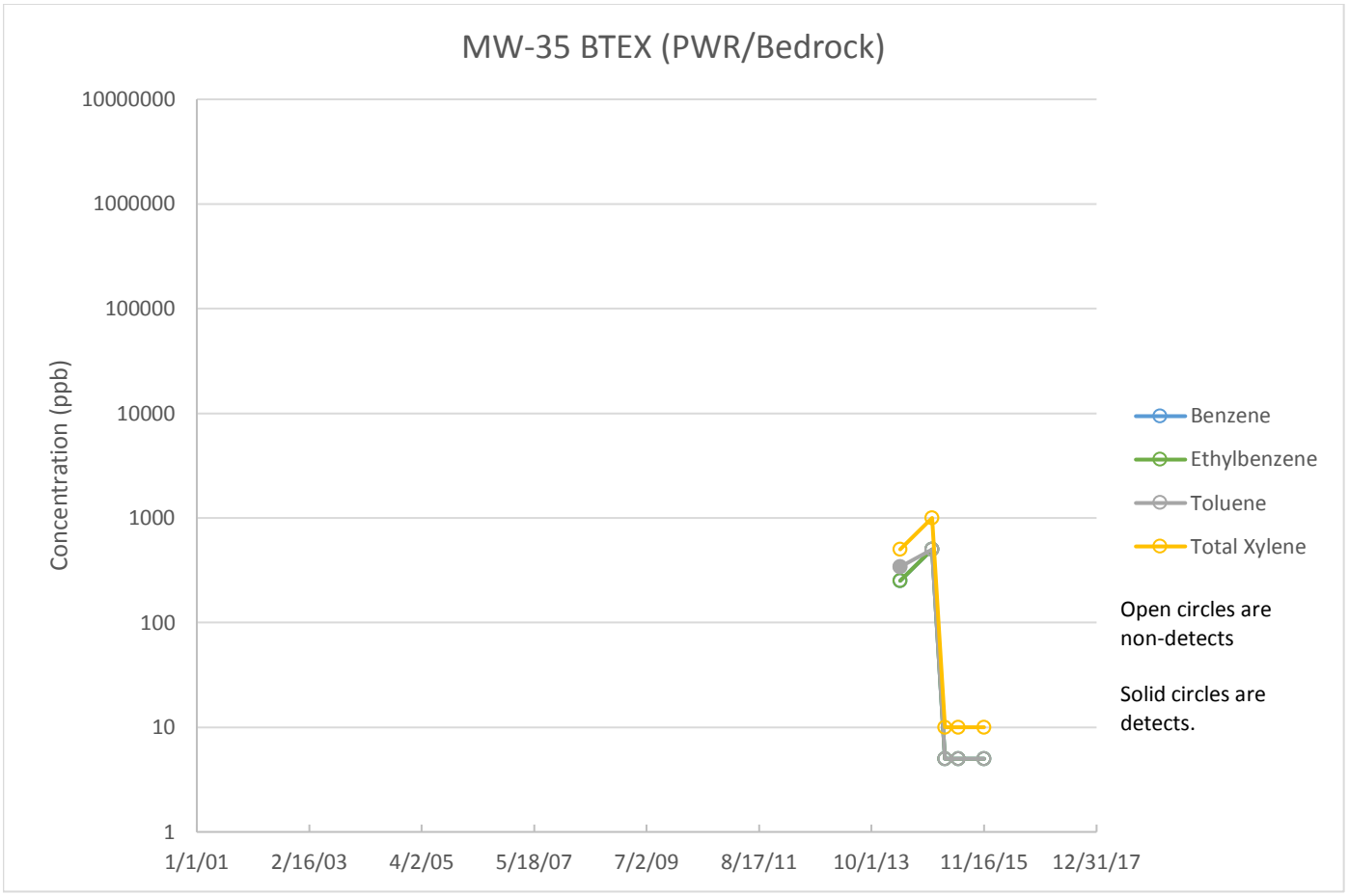

MW-32 Chlorinated Hydrocarbons (PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

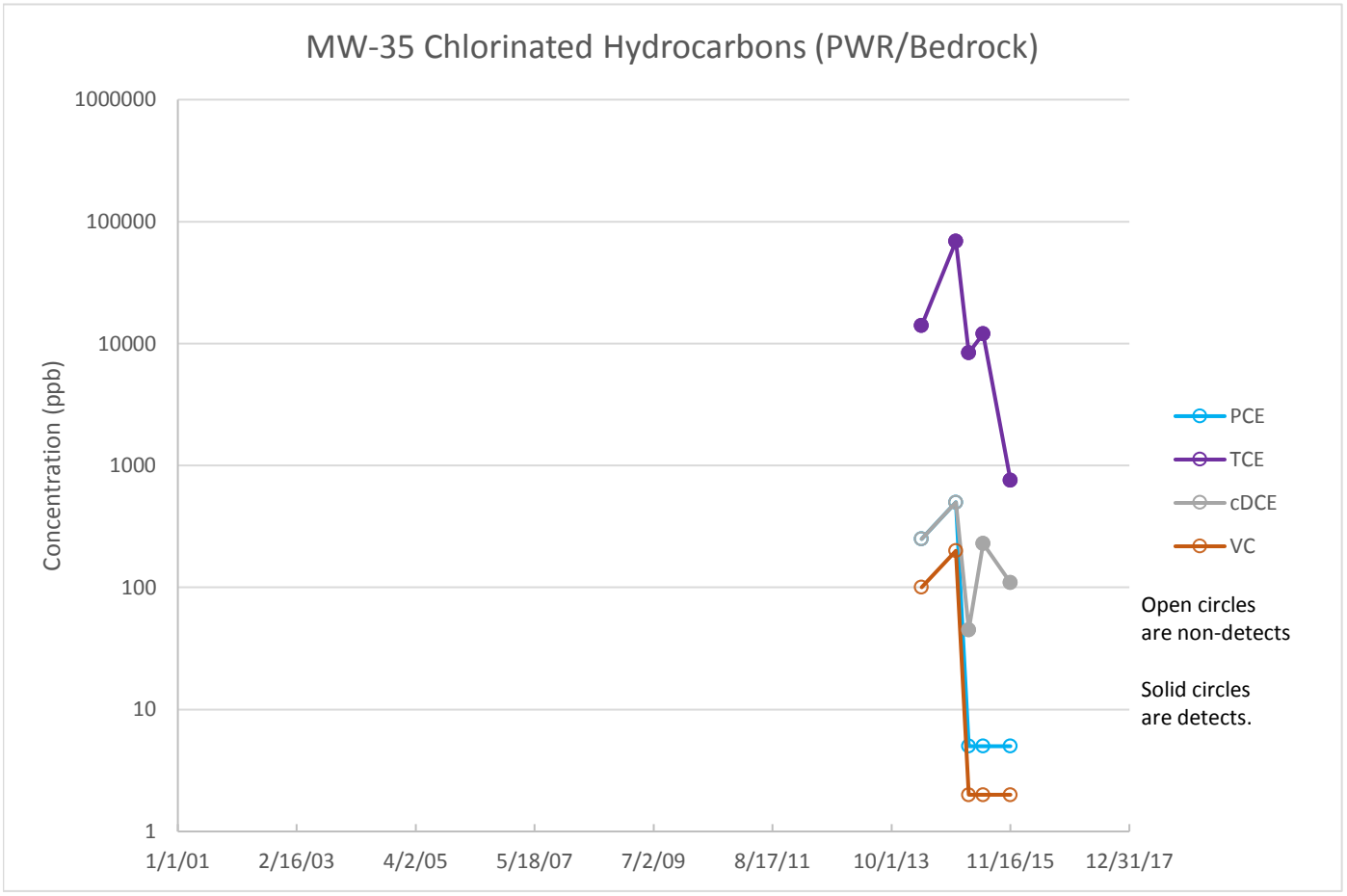

MW-33 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

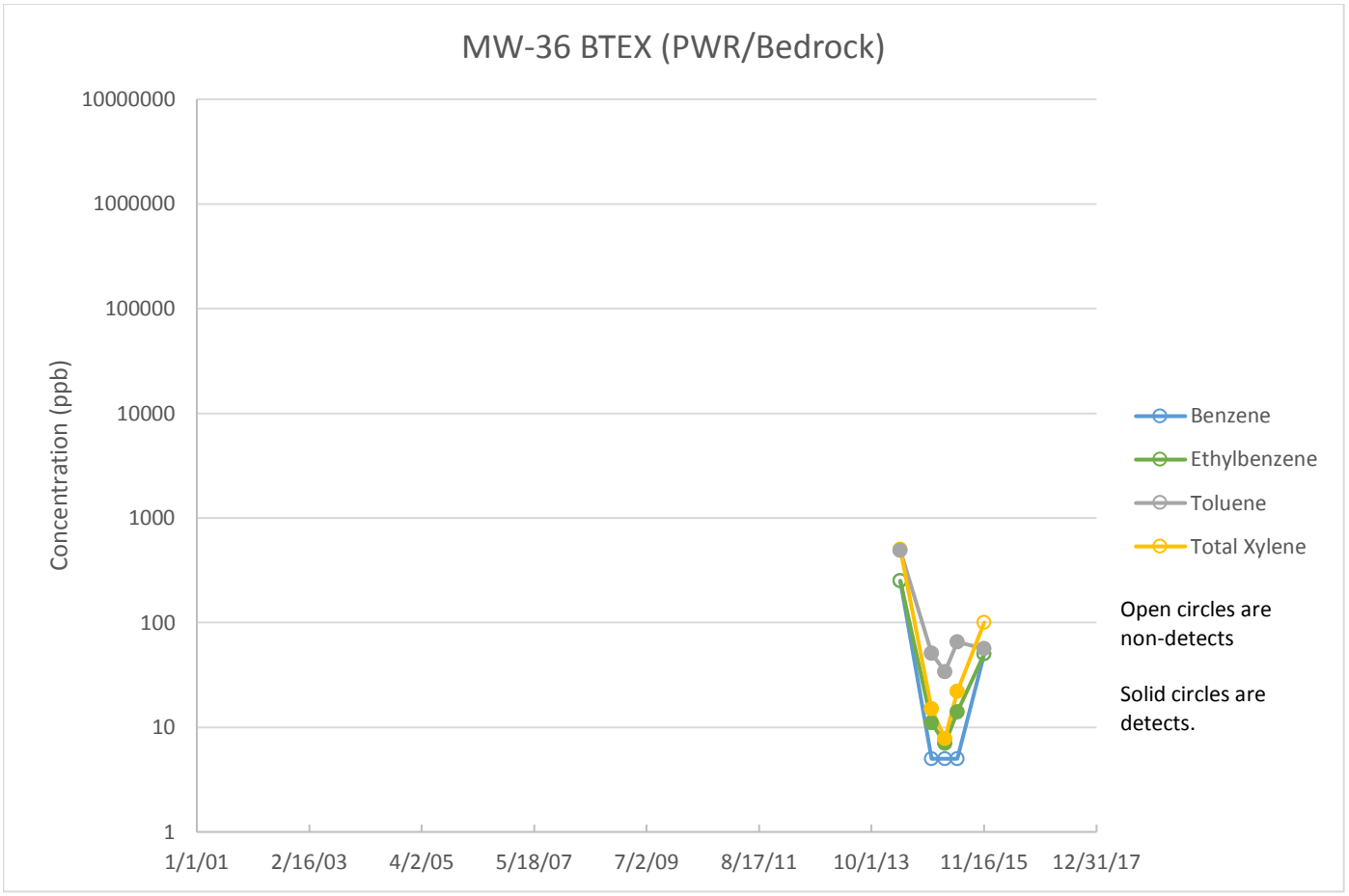

MW-33 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

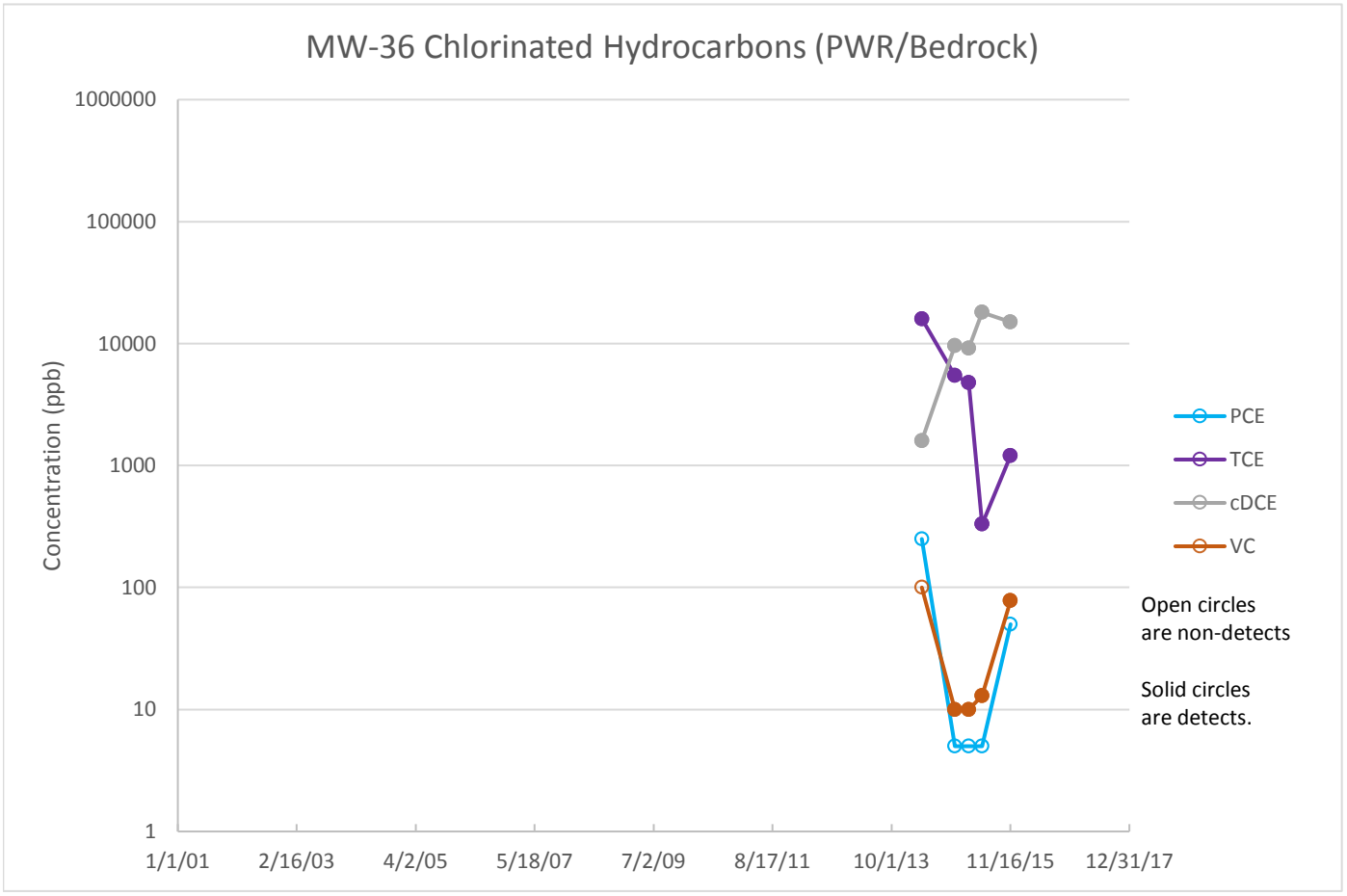

MW-34 BTEX (PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

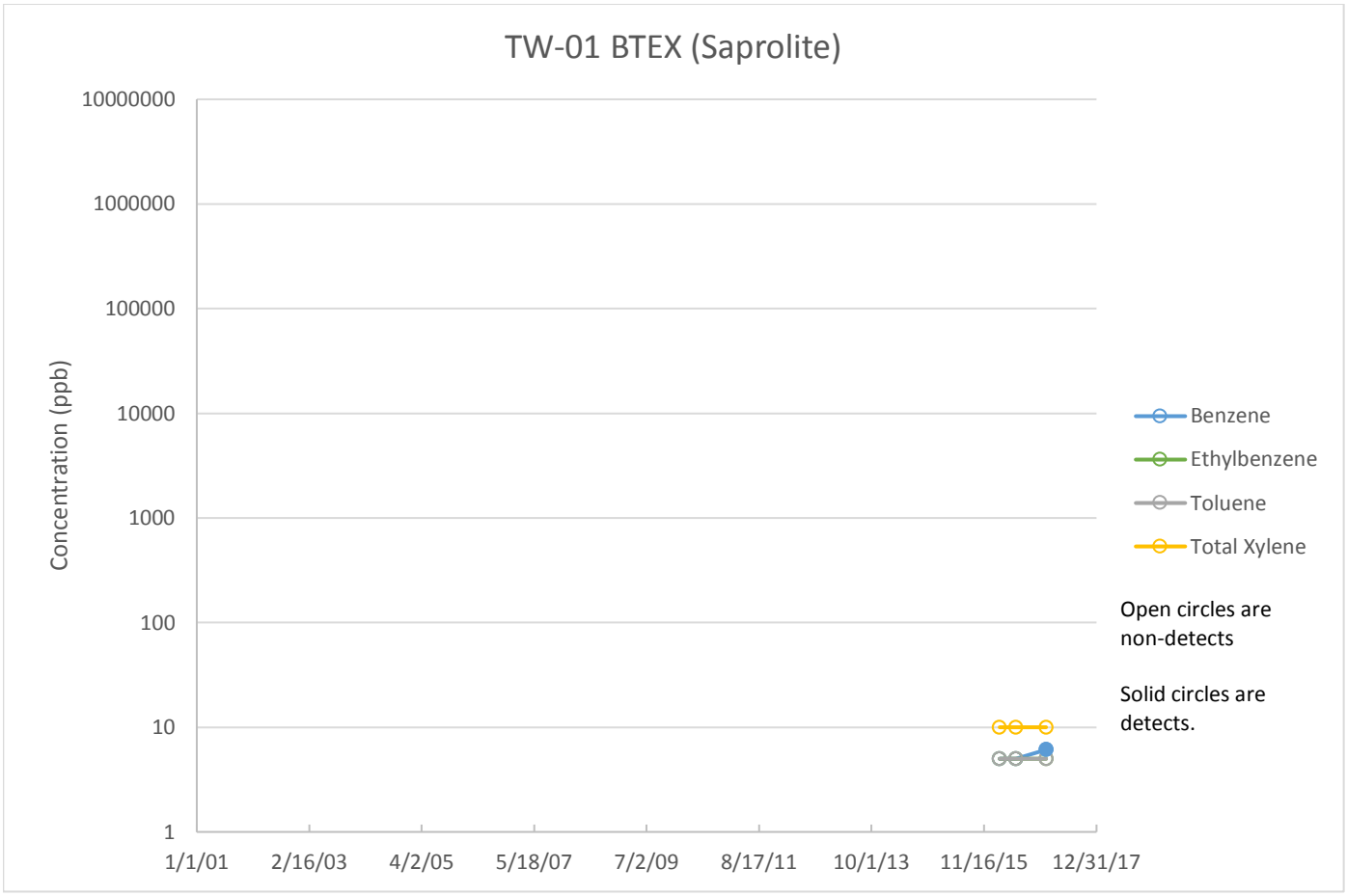

MW-34 Chlorinated Hydrocarbons (PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

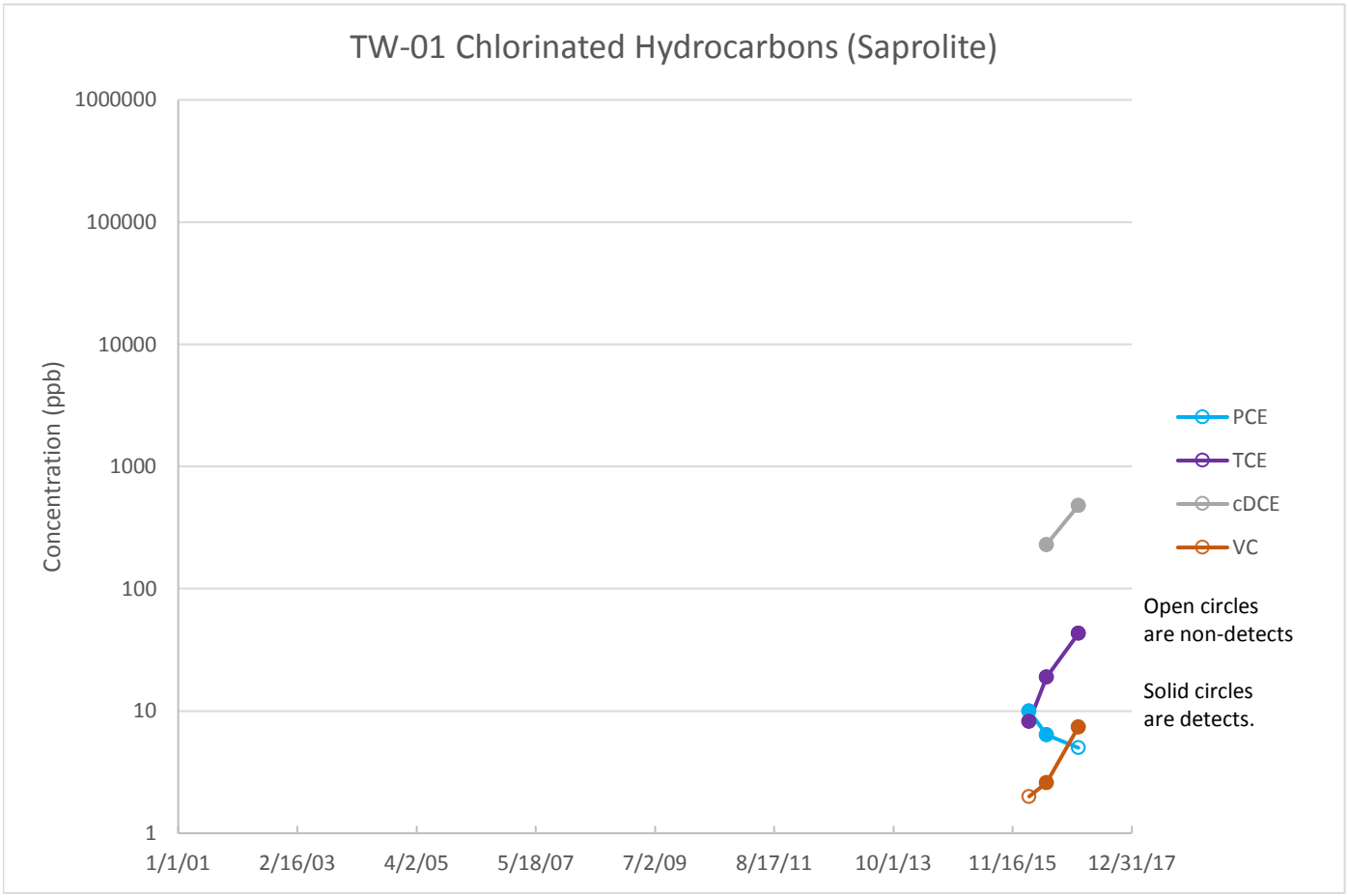

MW-35 BTEX (PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

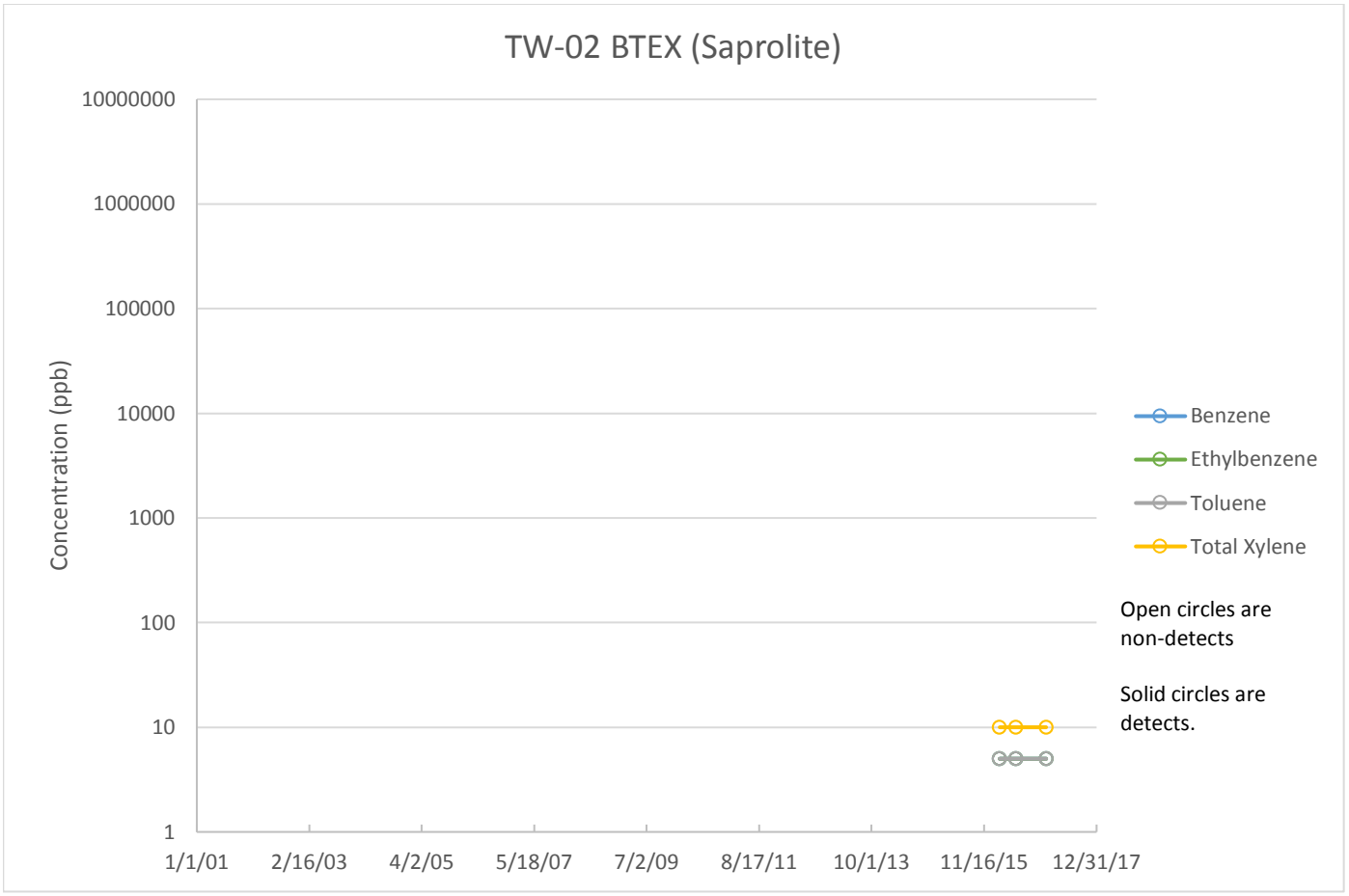

MW-35 Chlorinated Hydrocarbons (PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

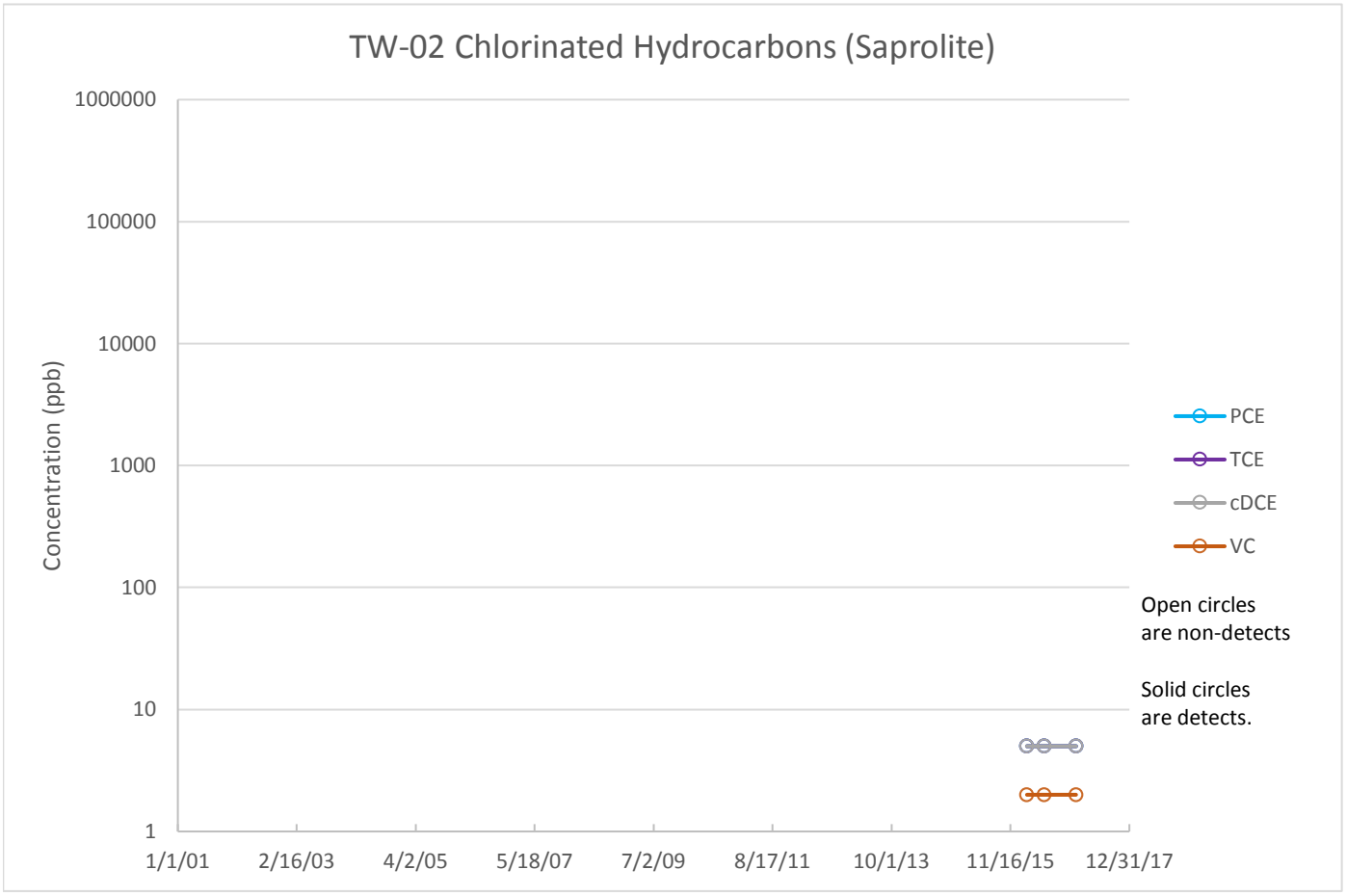

MW-36 BTEX (PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

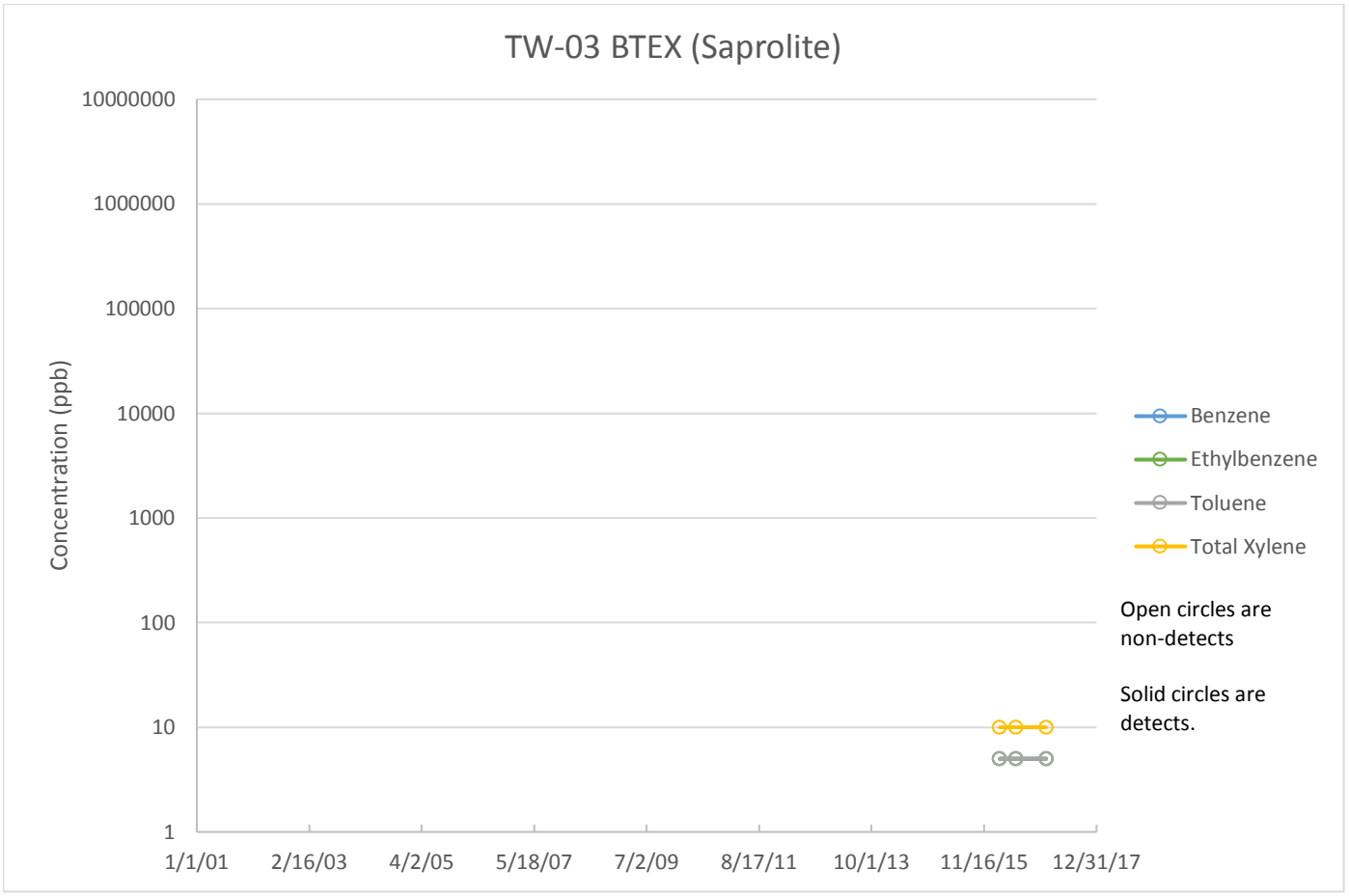

MW-36 Chlorinated Hydrocarbons (PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

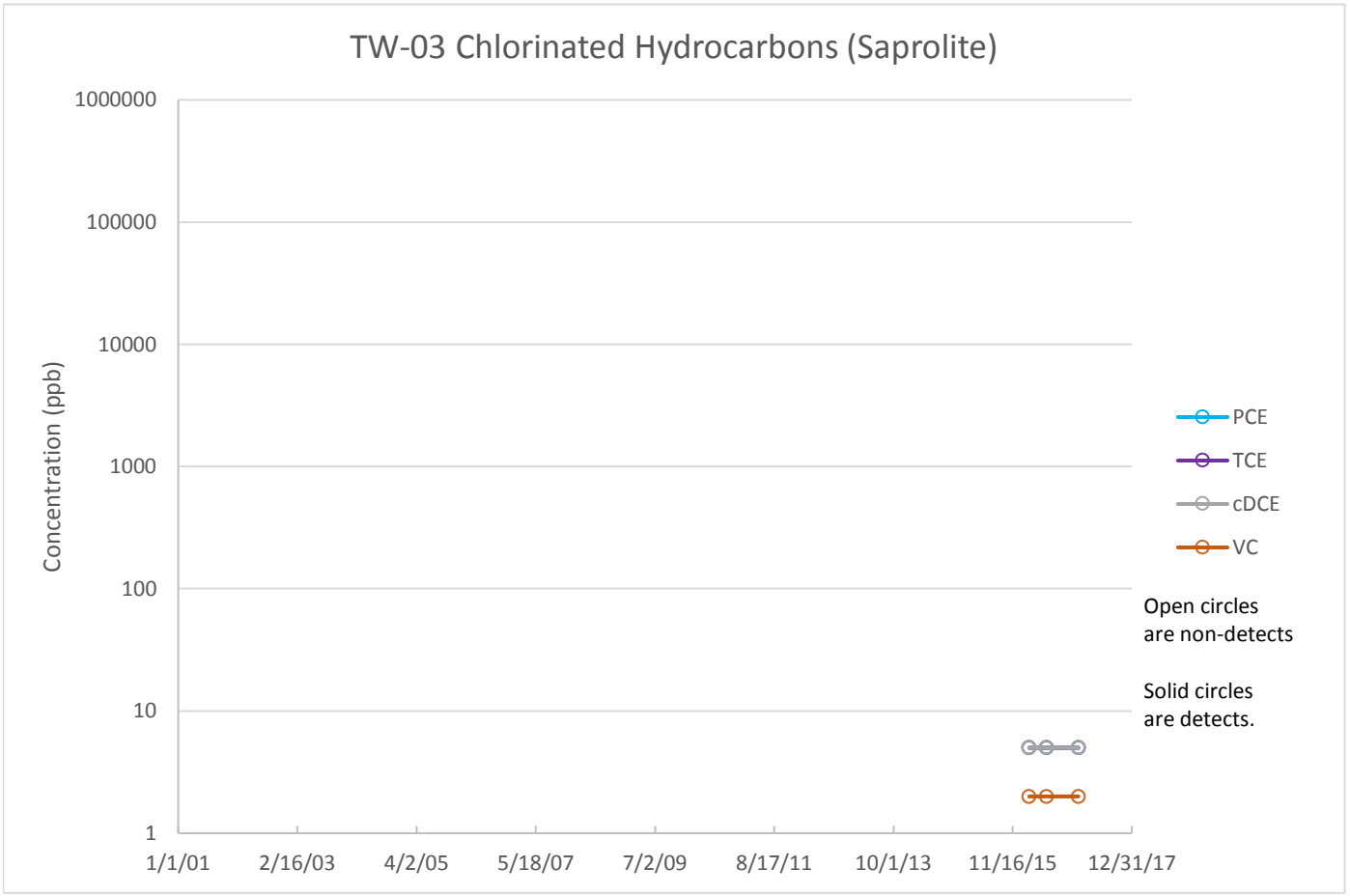

TW-01 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

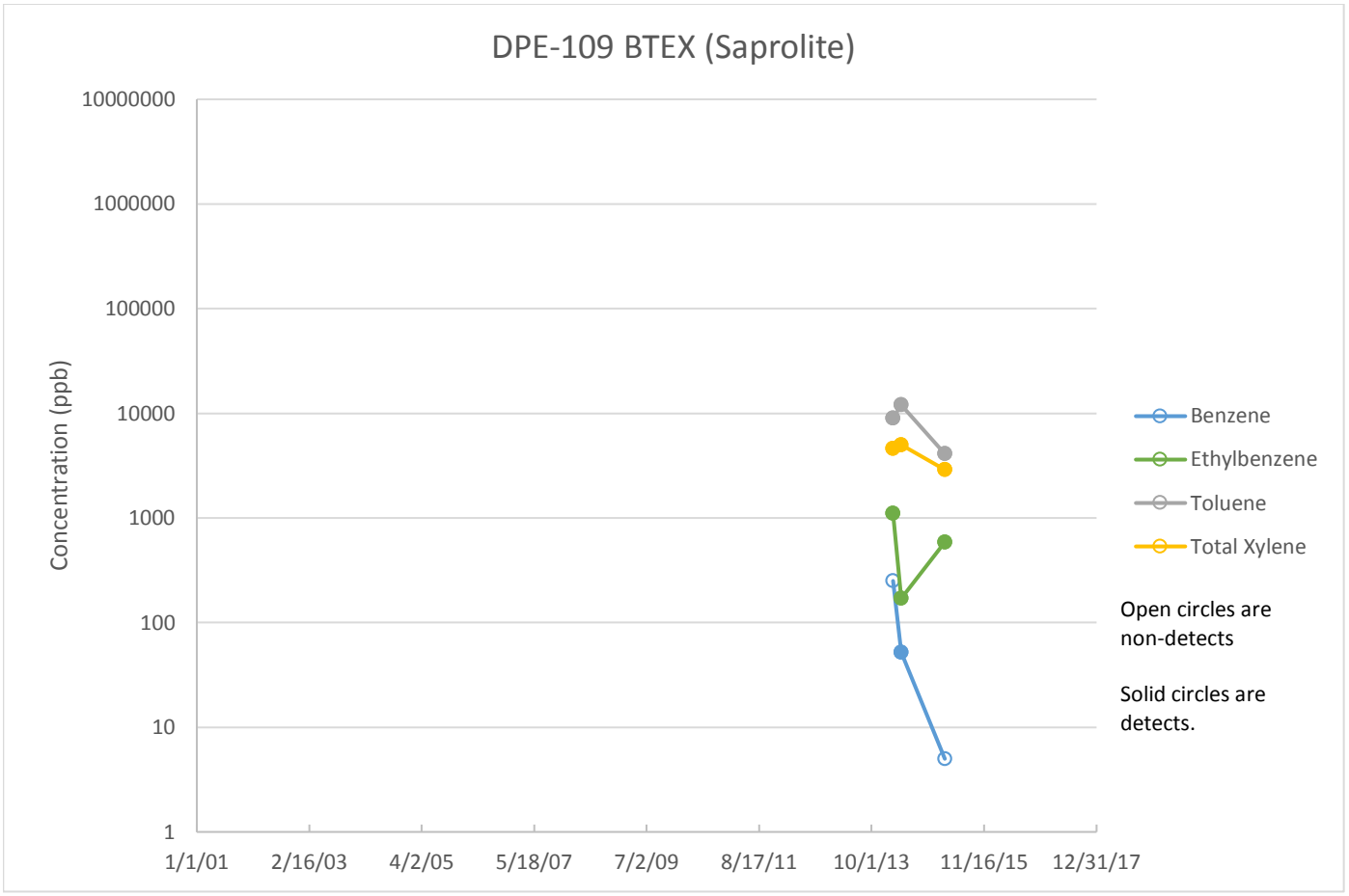

TW-01 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

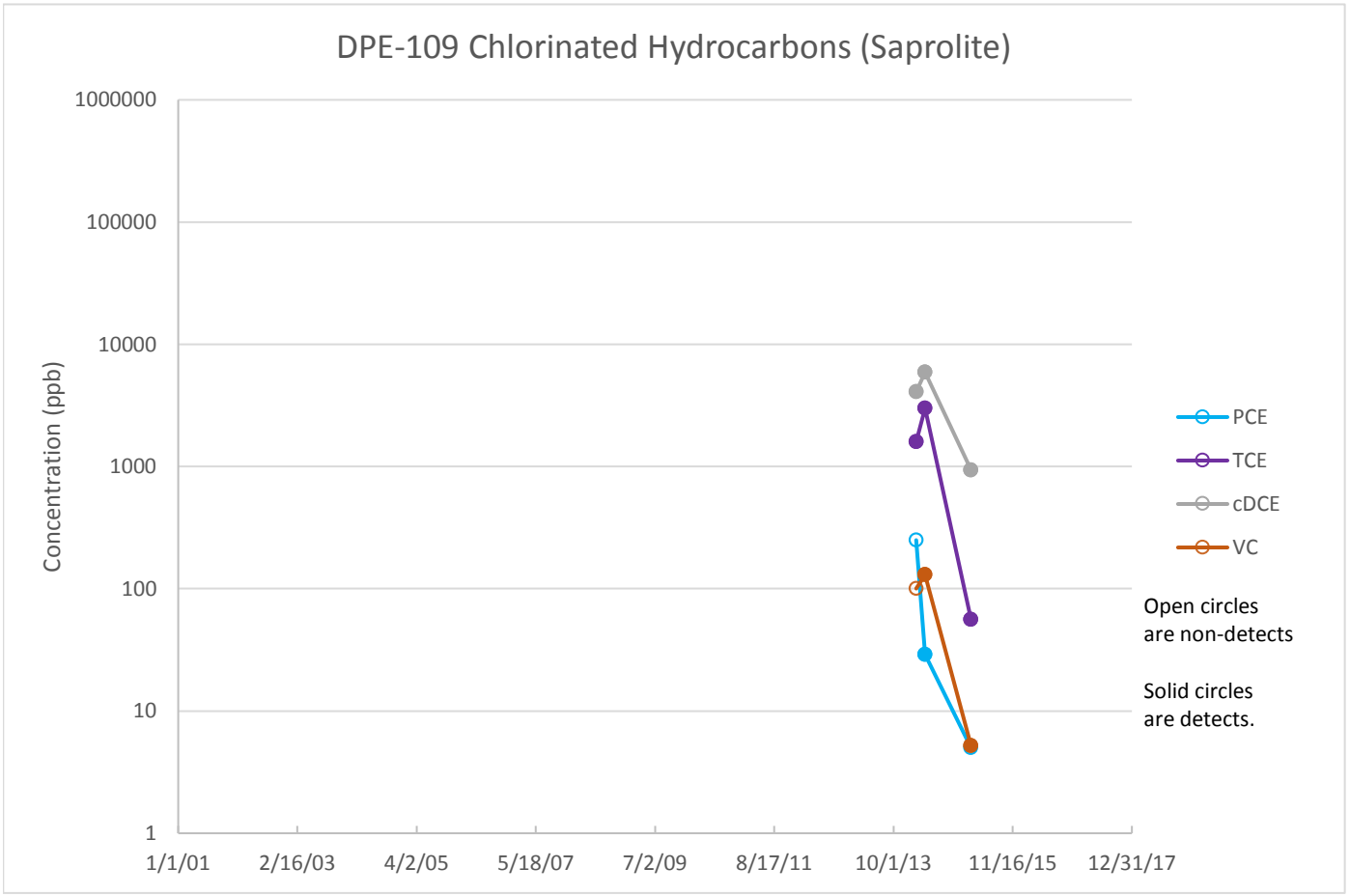

TW-02 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

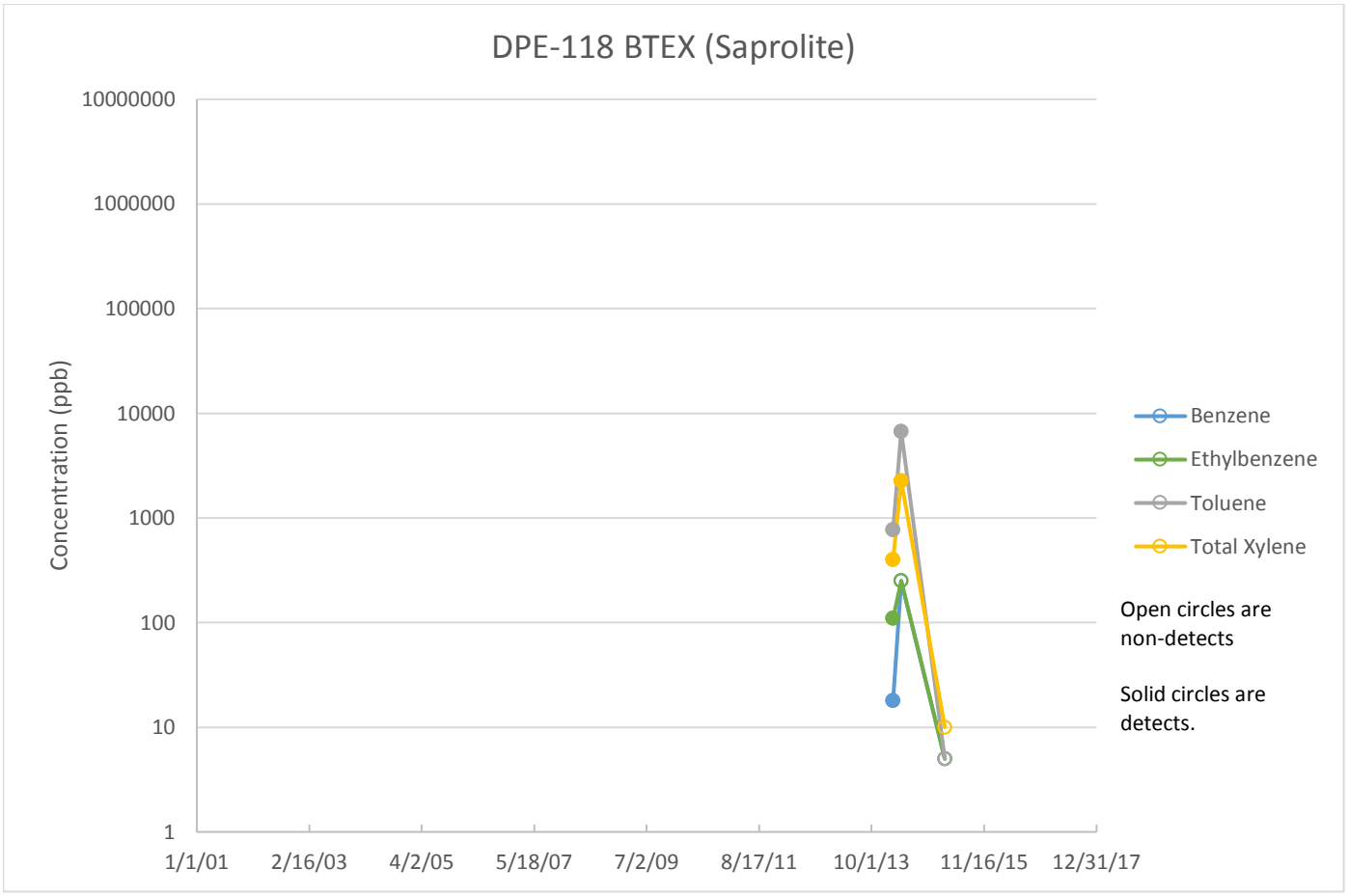

TW-02 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

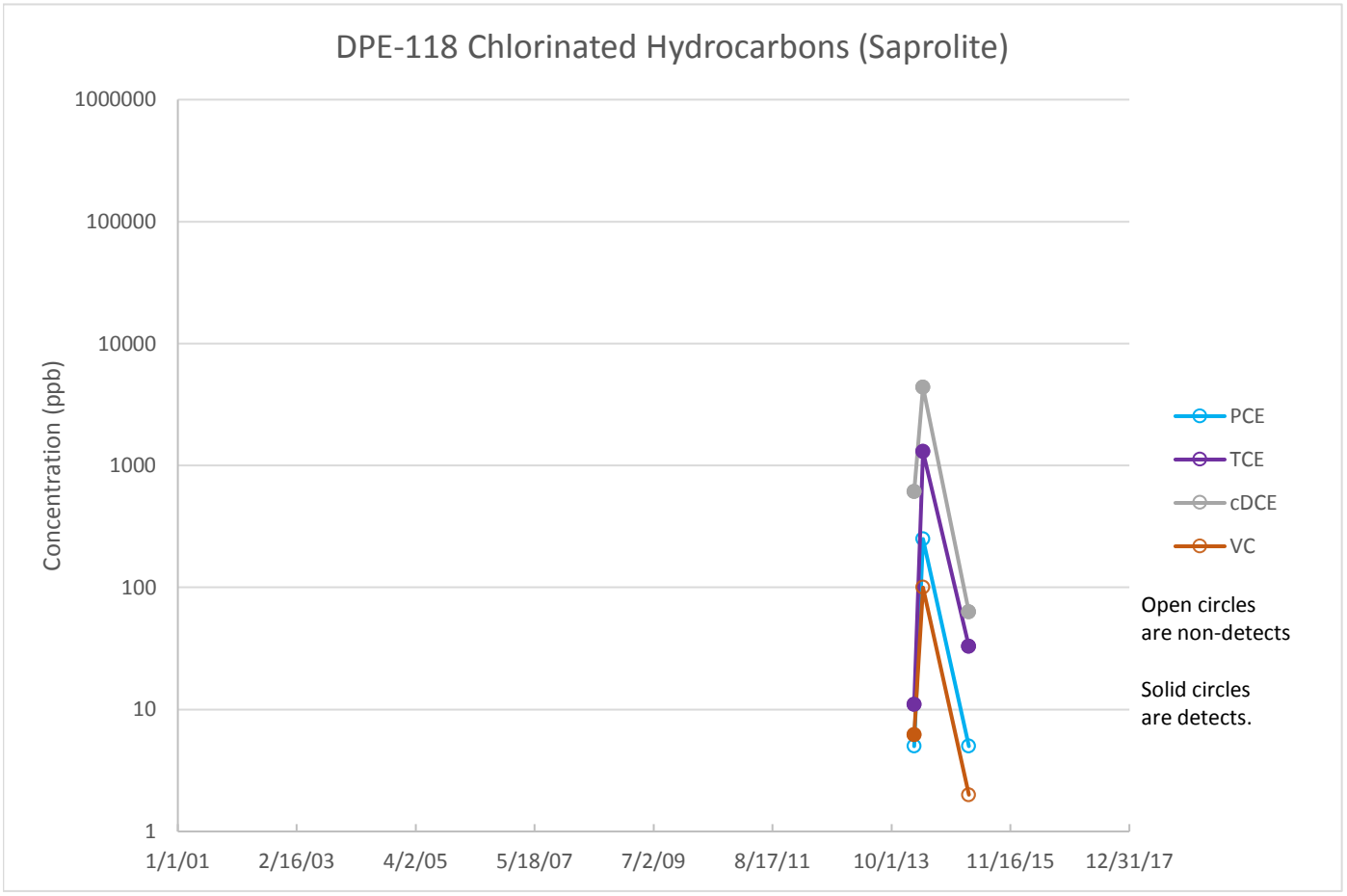

TW-03 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

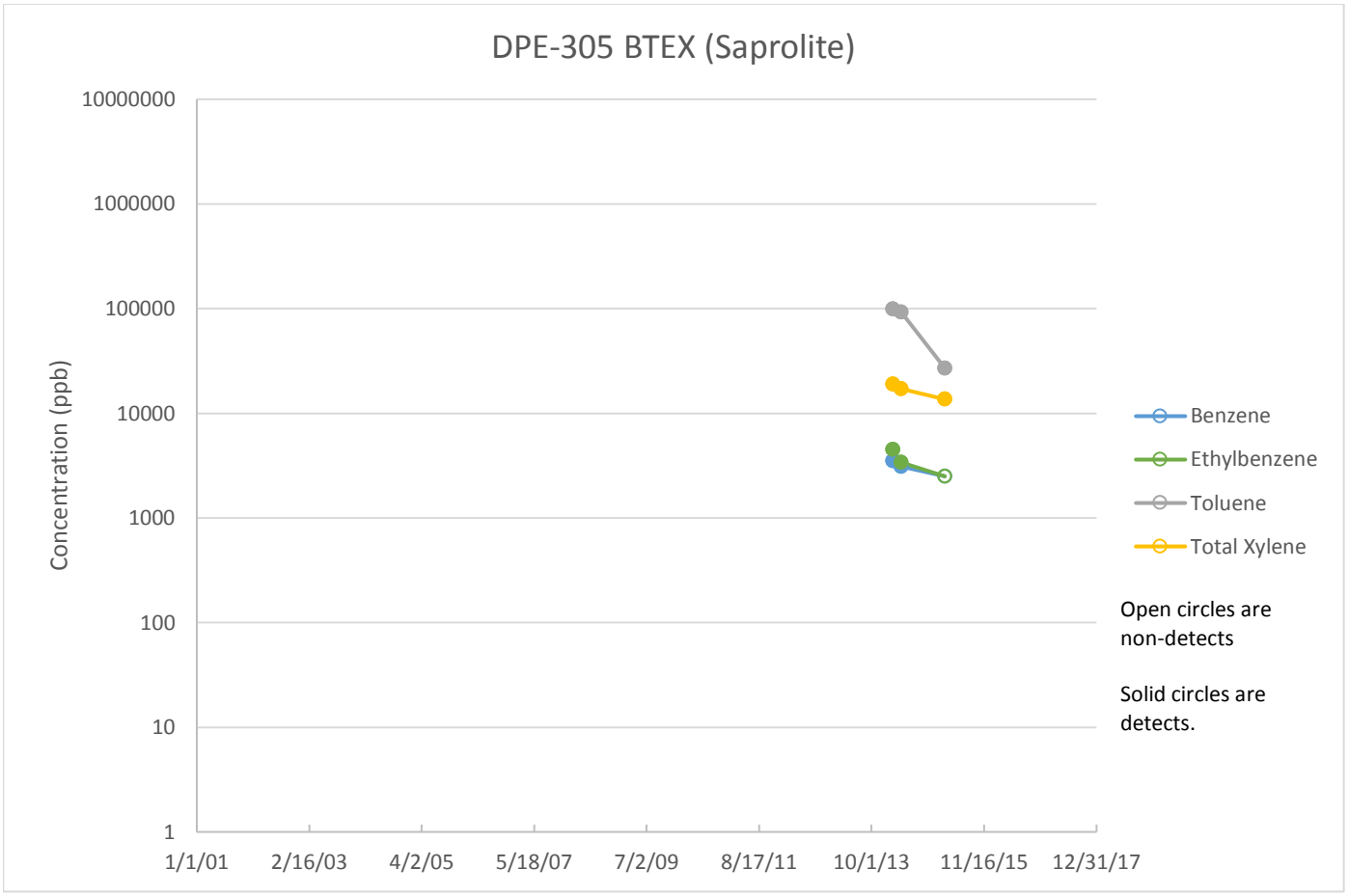

TW-03 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

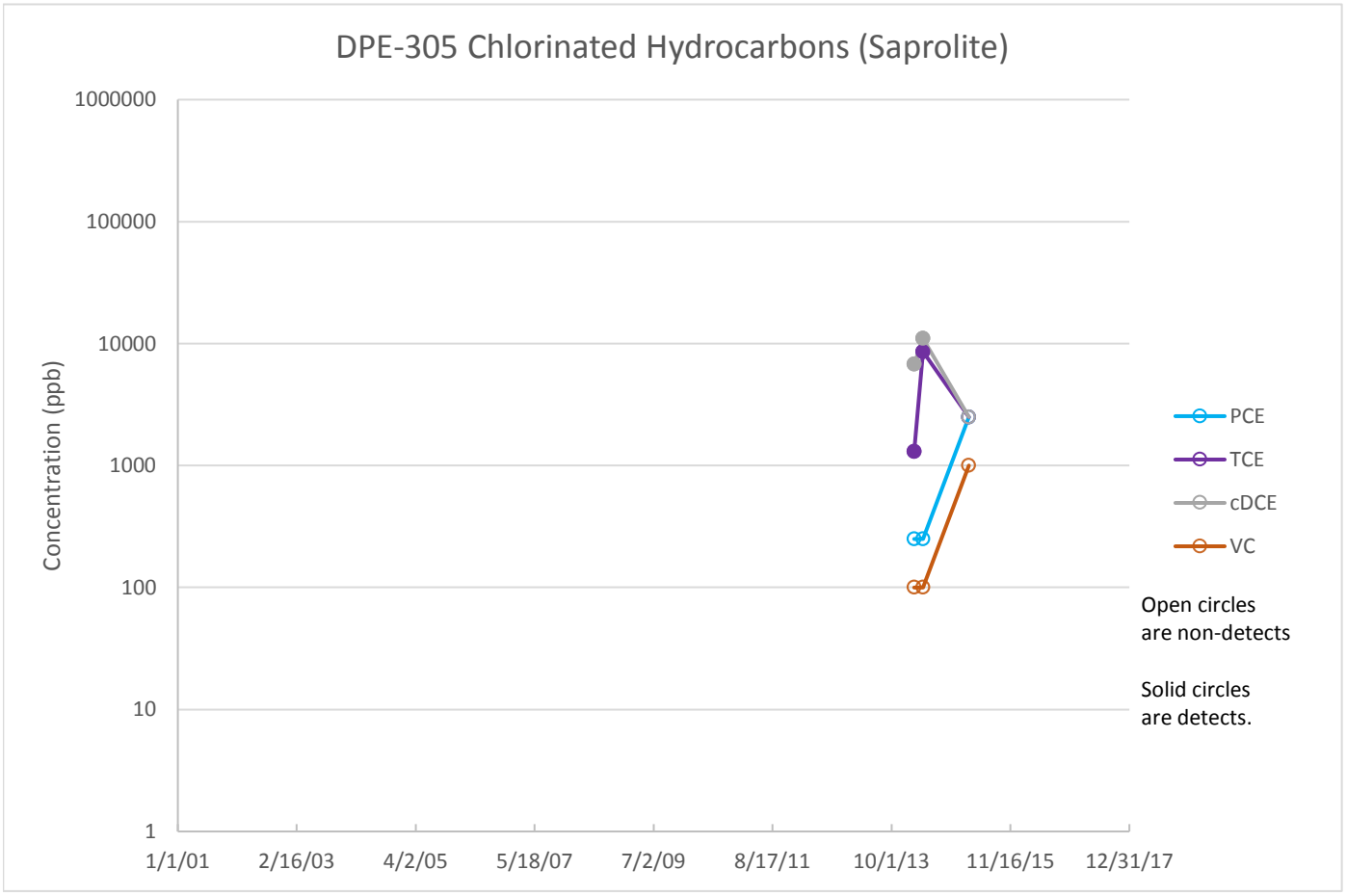

DPE-109 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

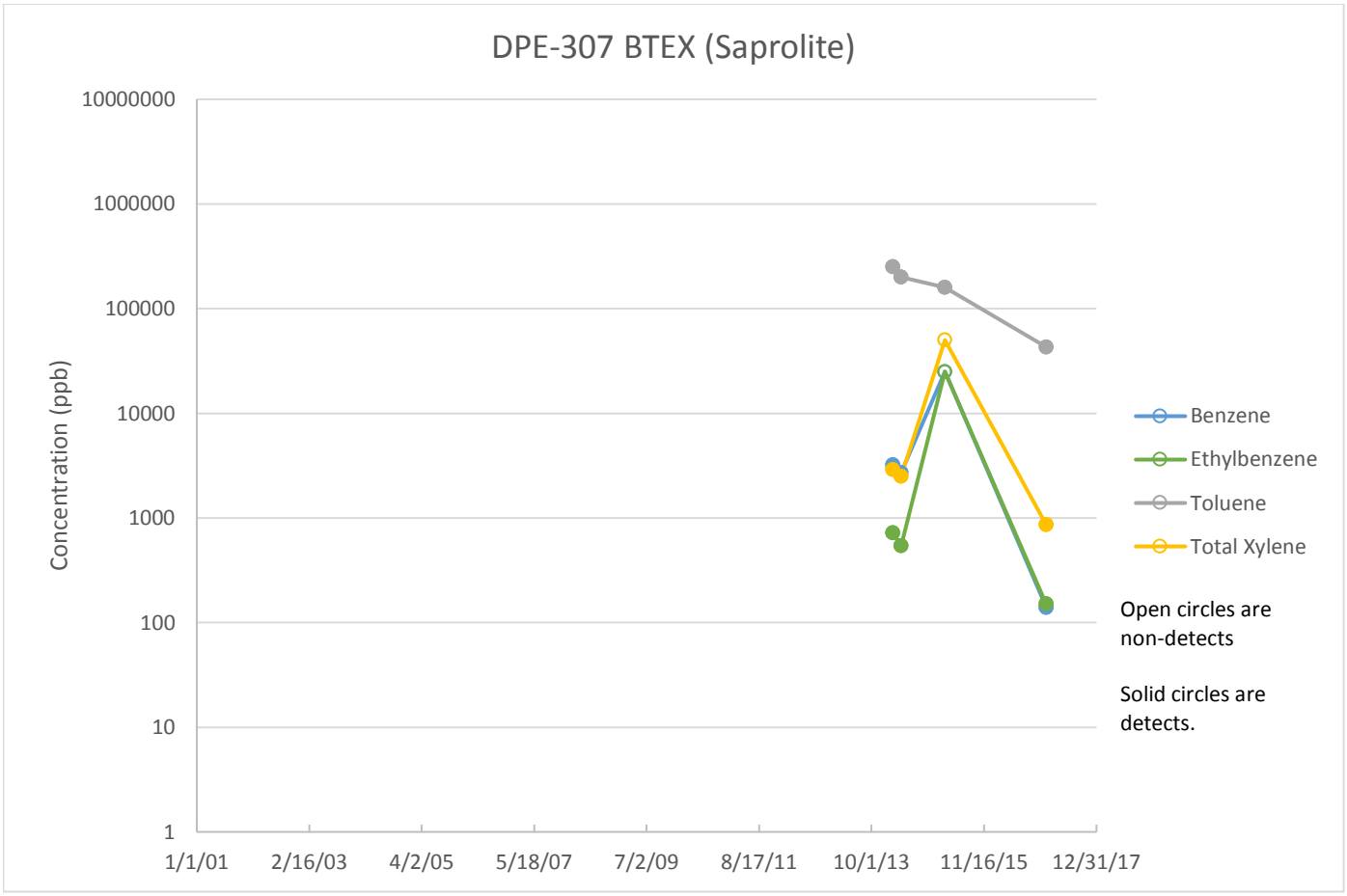

DPE-109 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

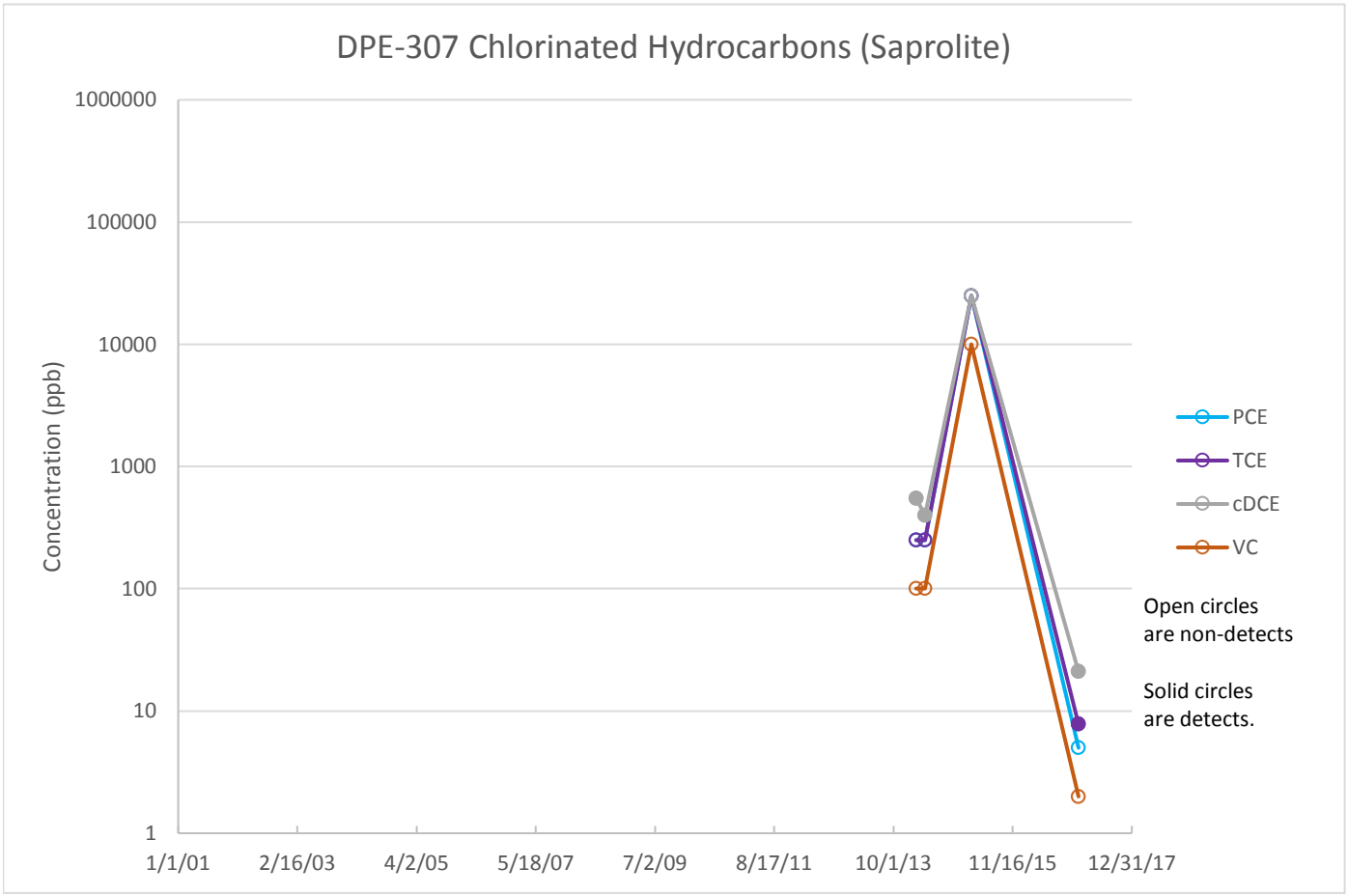

DPE-118 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

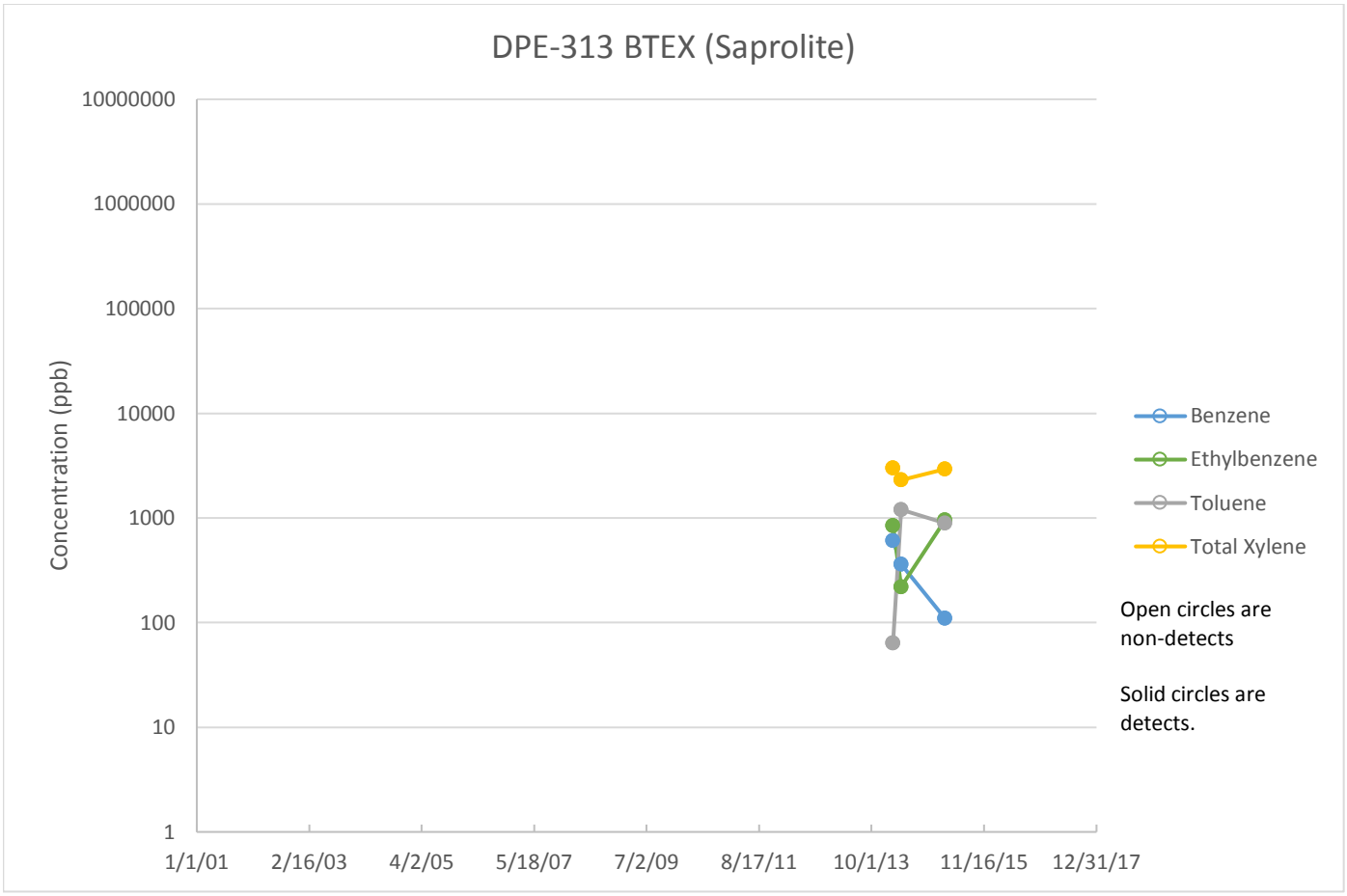

DPE-118 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

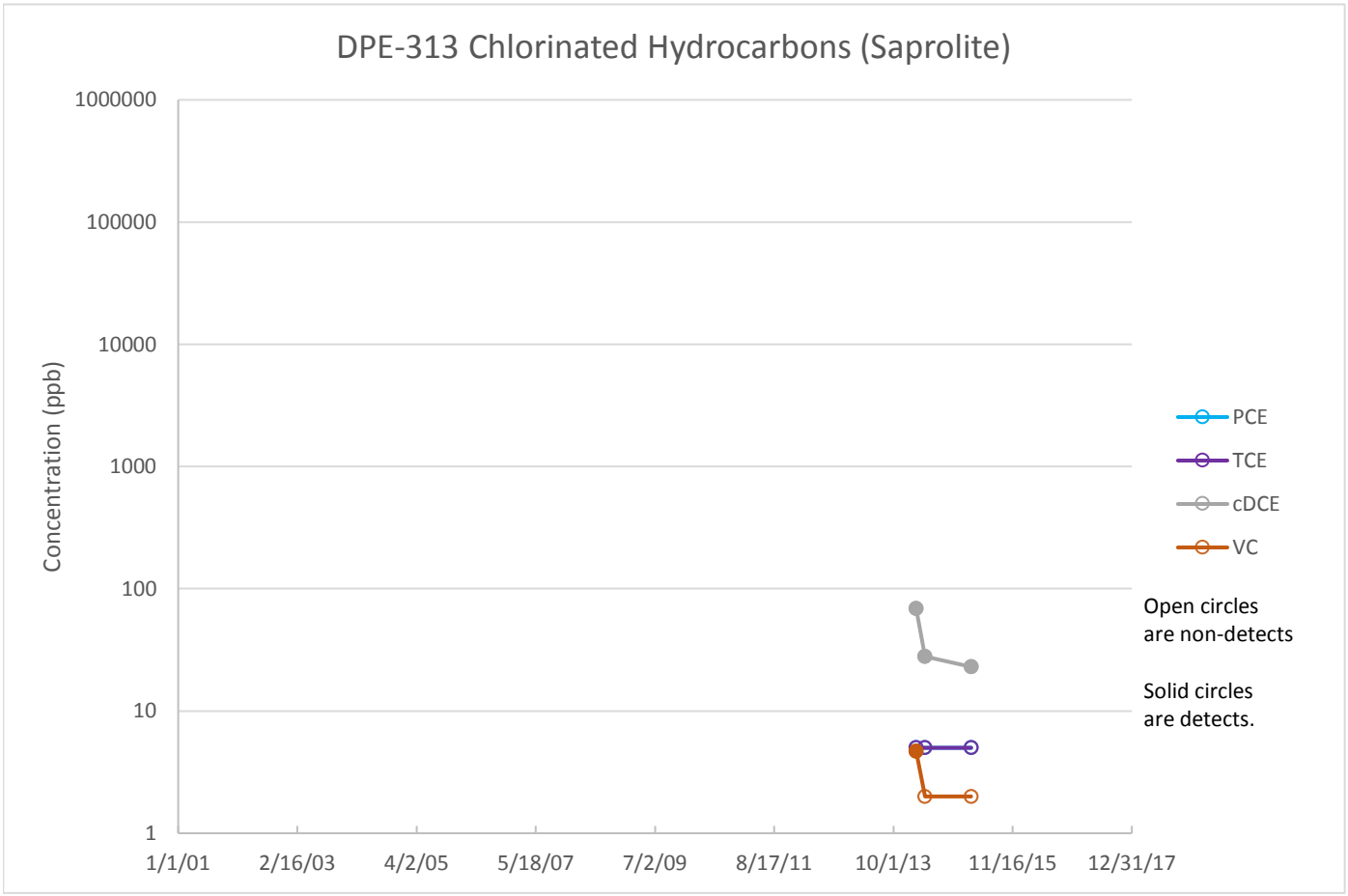

DPE-305 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

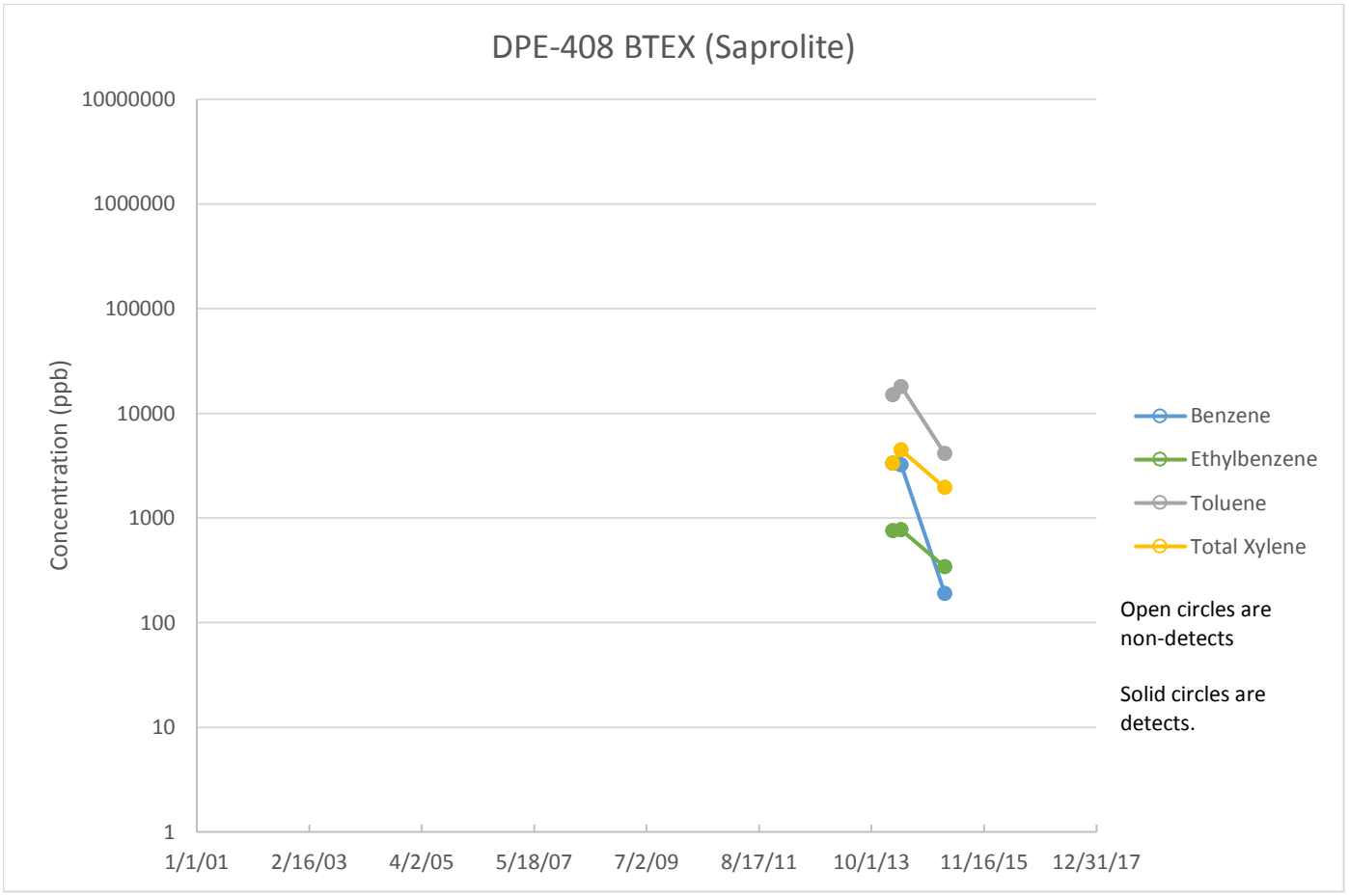

DPE-305 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

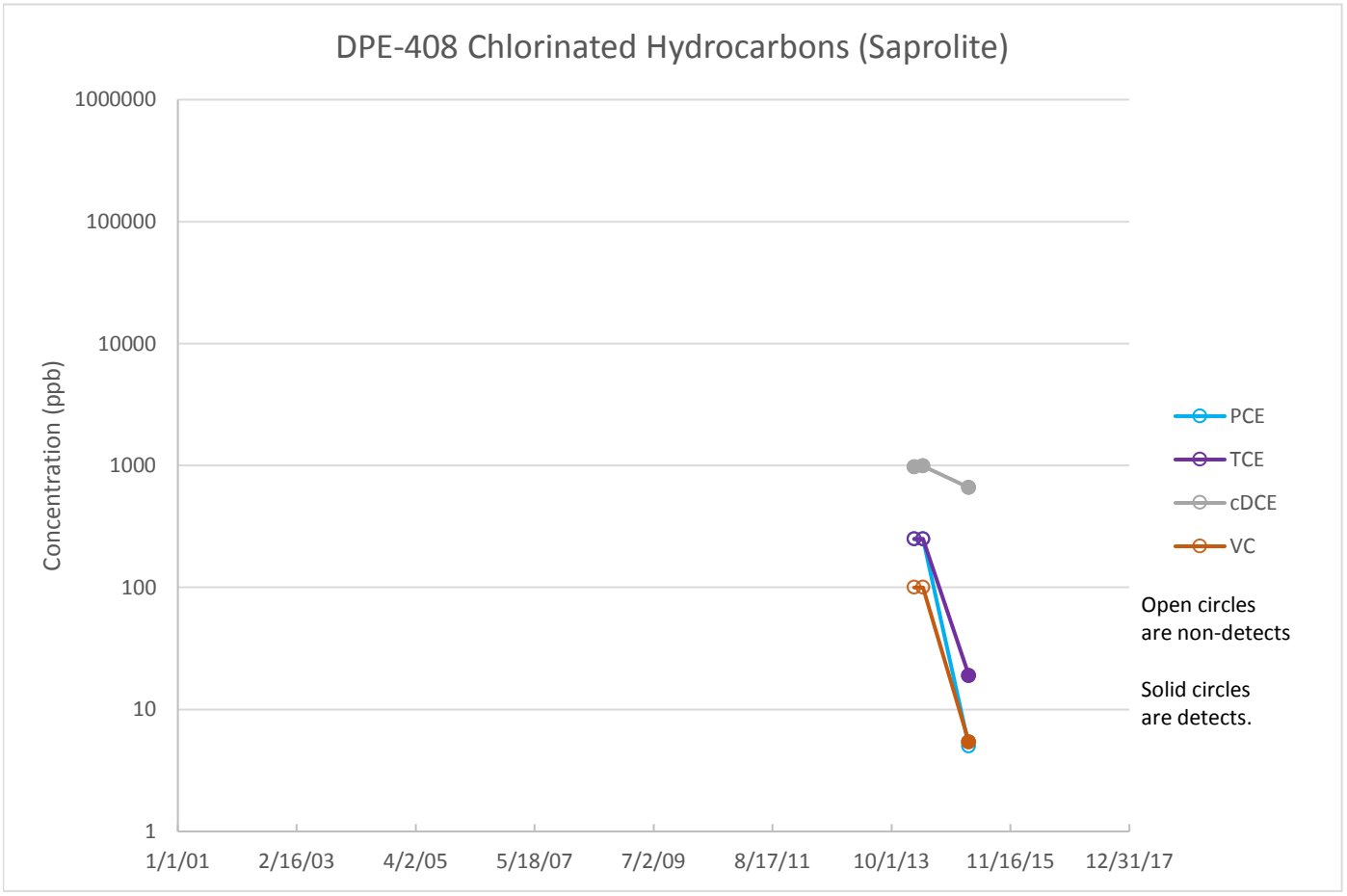

DPE-307 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

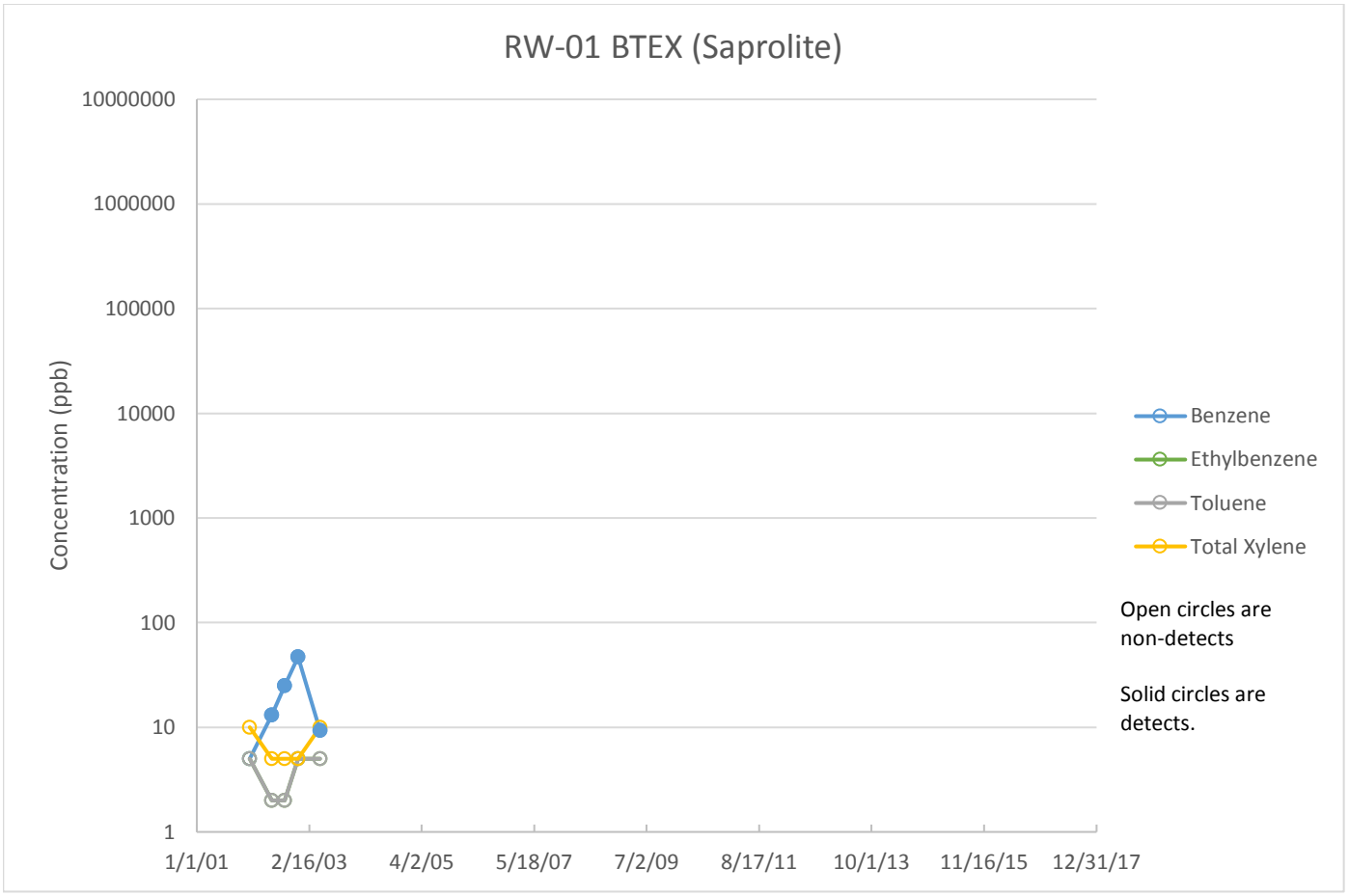

DPE-307 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

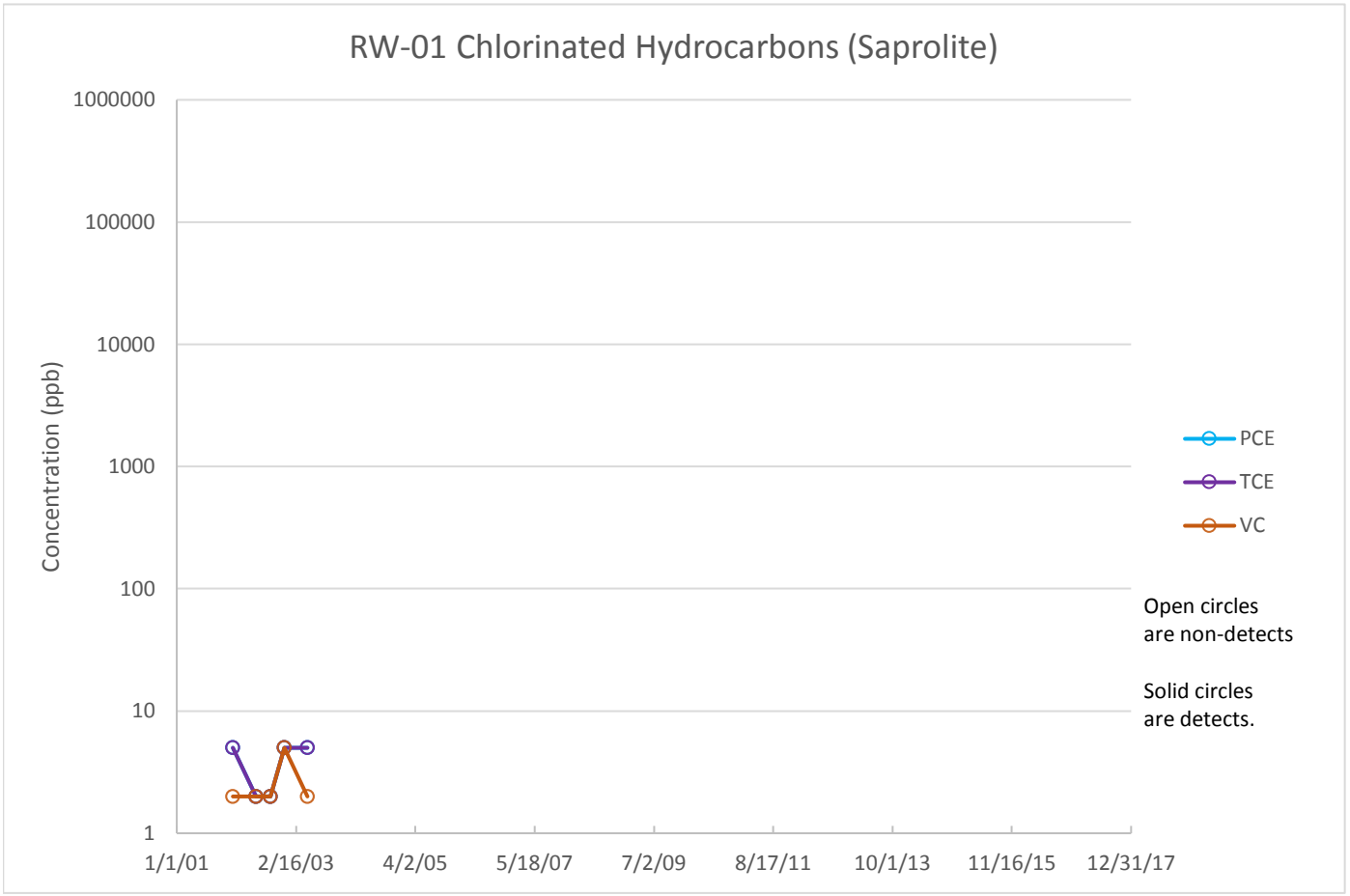

DPE-313 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

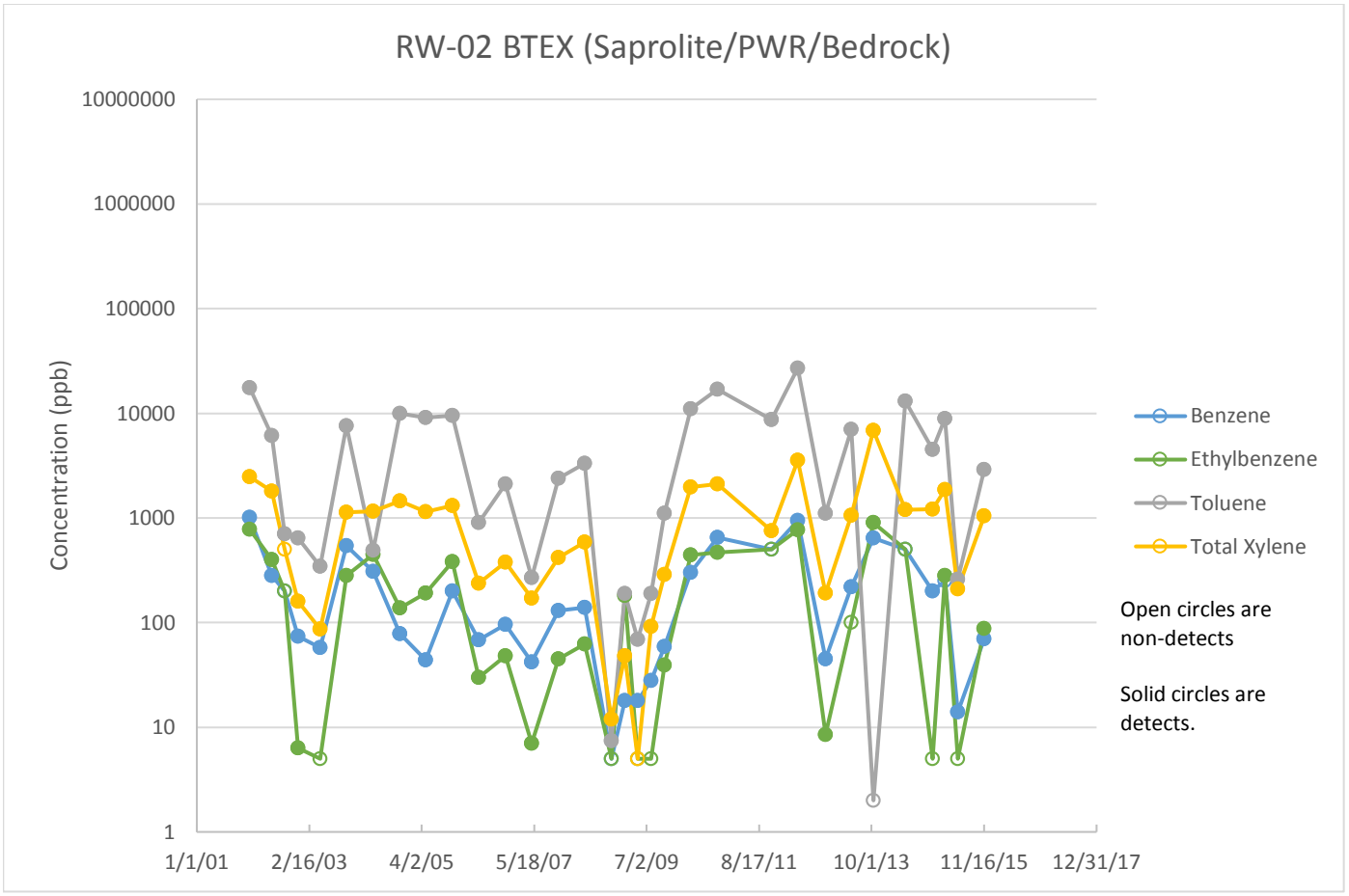

DPE-313 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

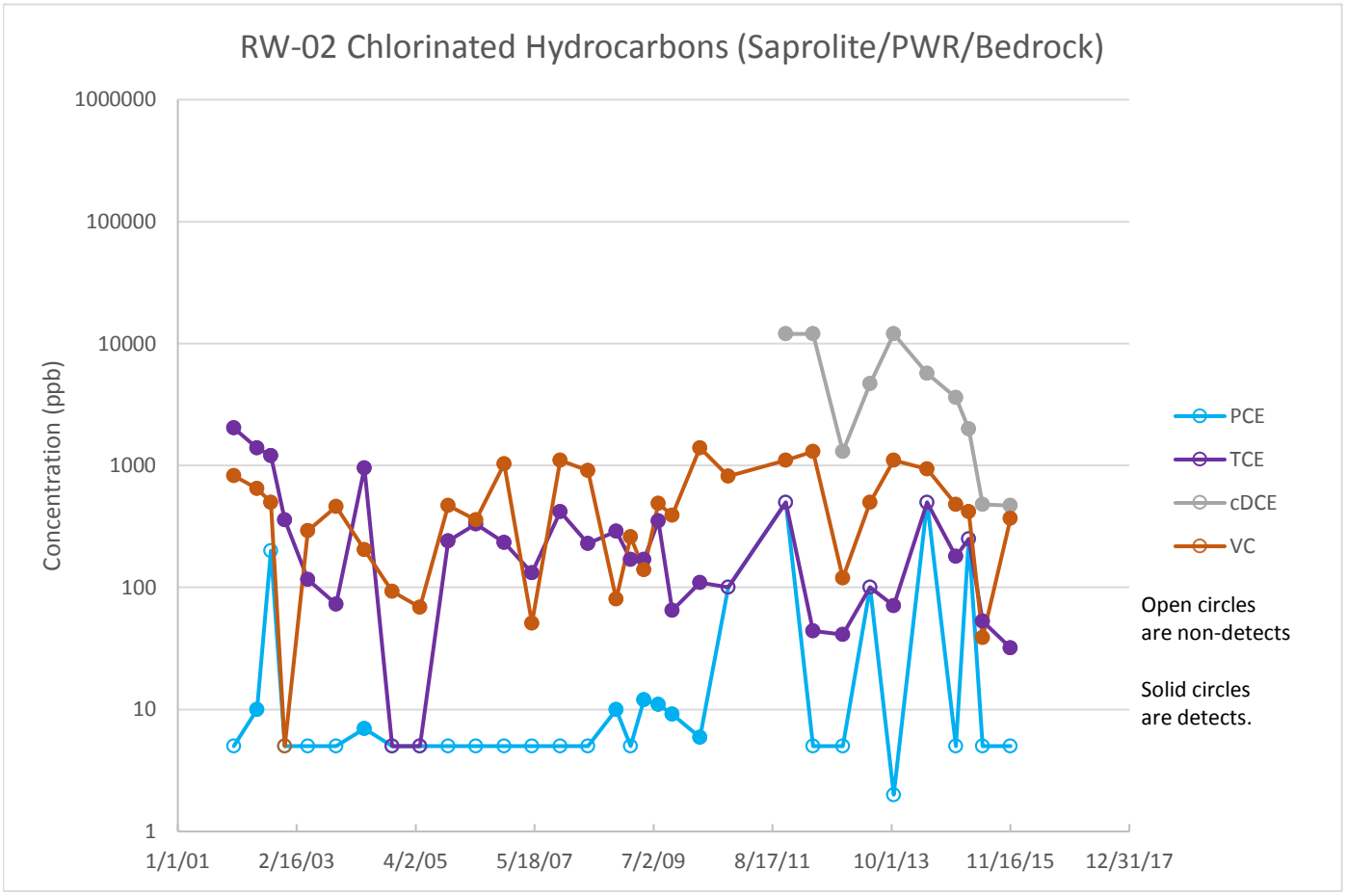

DPE-408 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

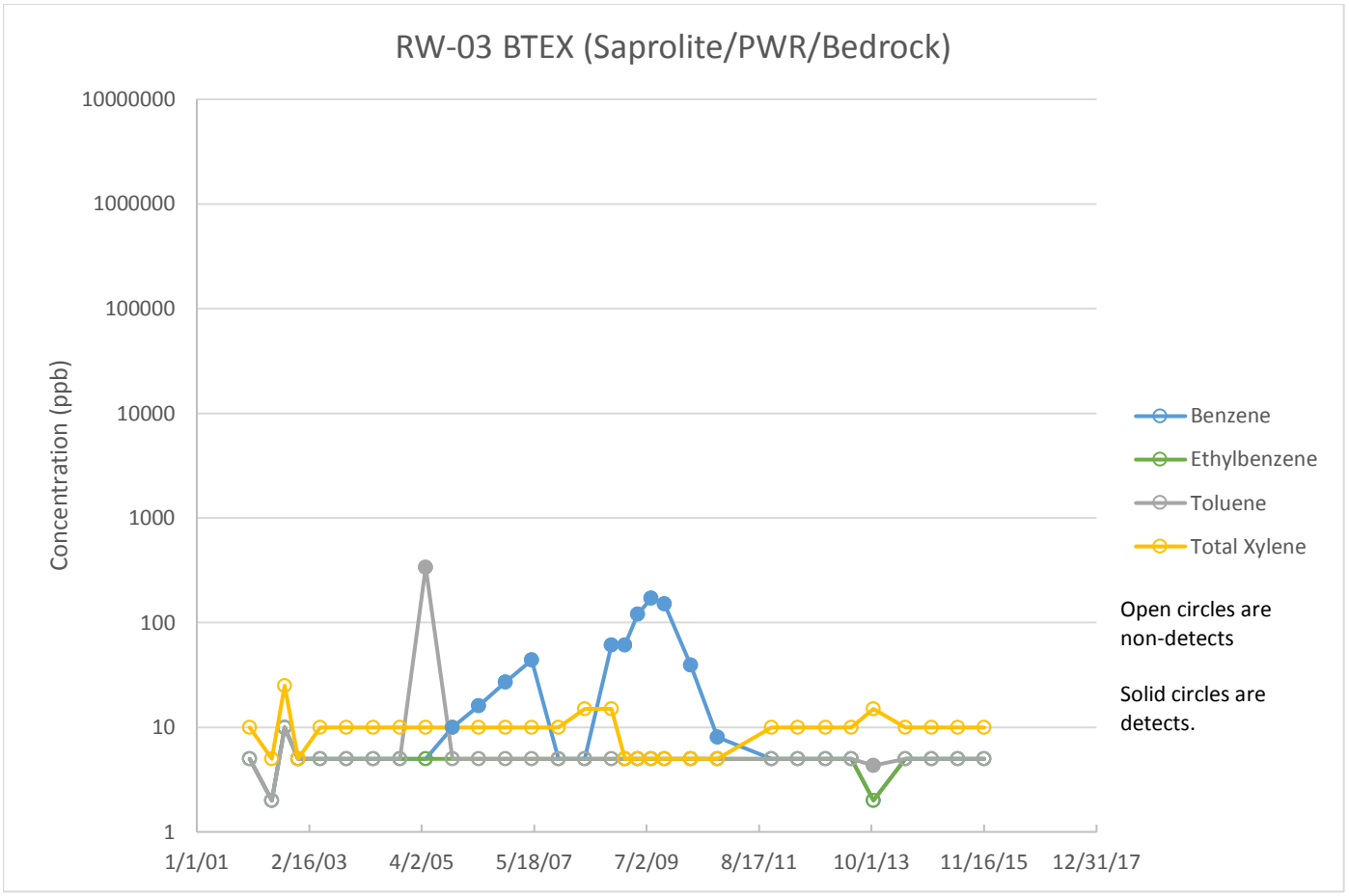

DPE-408 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.


RW-01 BTEX (Saprolite)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


RW-01 Chlorinated Hydrocarbons (Saprolite)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
VC
Open circles are non-detects
Solid circles are detects.


RW-02 BTEX (Saprolite/PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


RW-02 Chlorinated Hydrocarbons (Saprolite/PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.


RW-03 BTEX (Saprolite/PWR/Bedrock)
Concentration (ppb)
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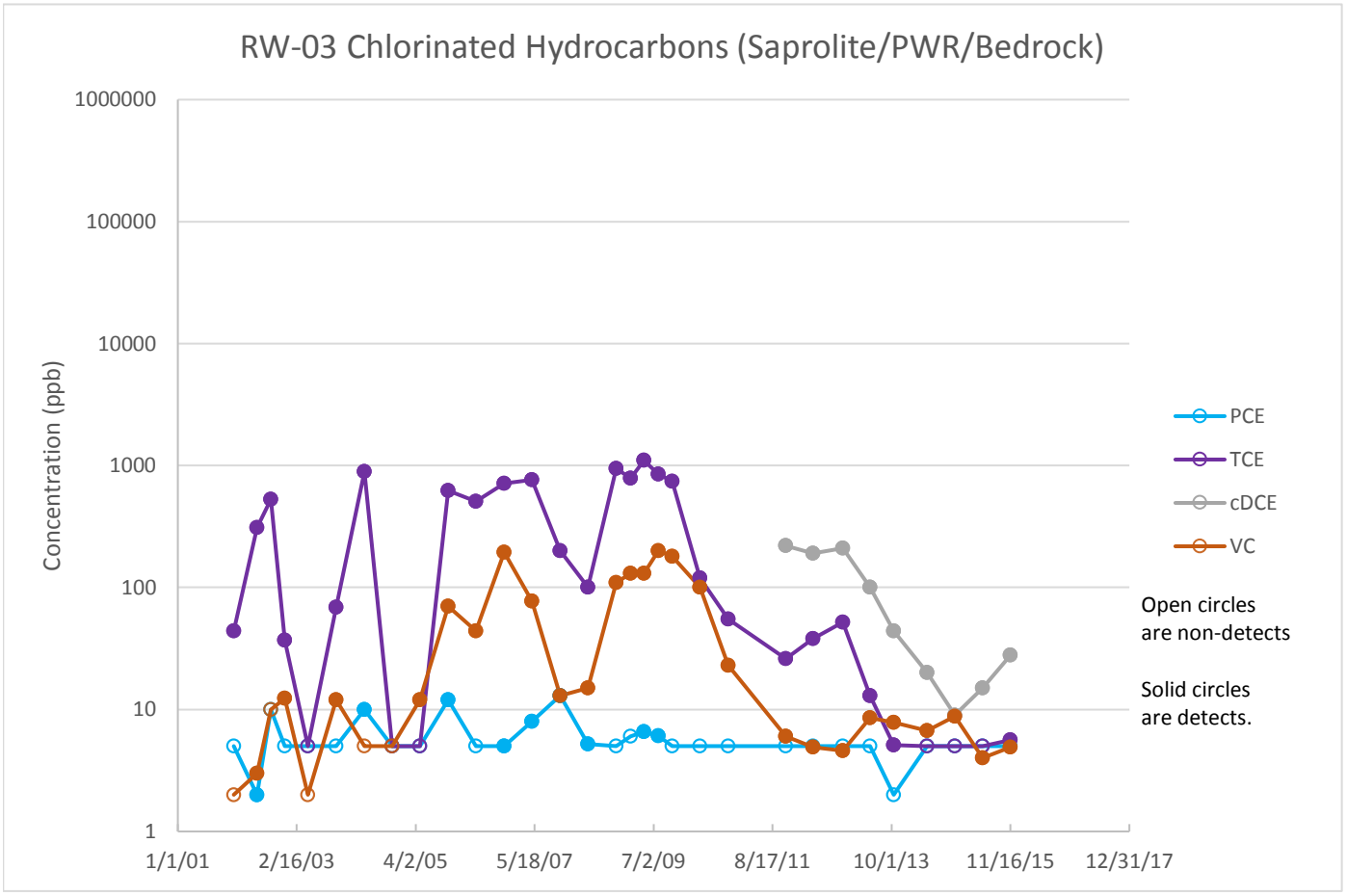
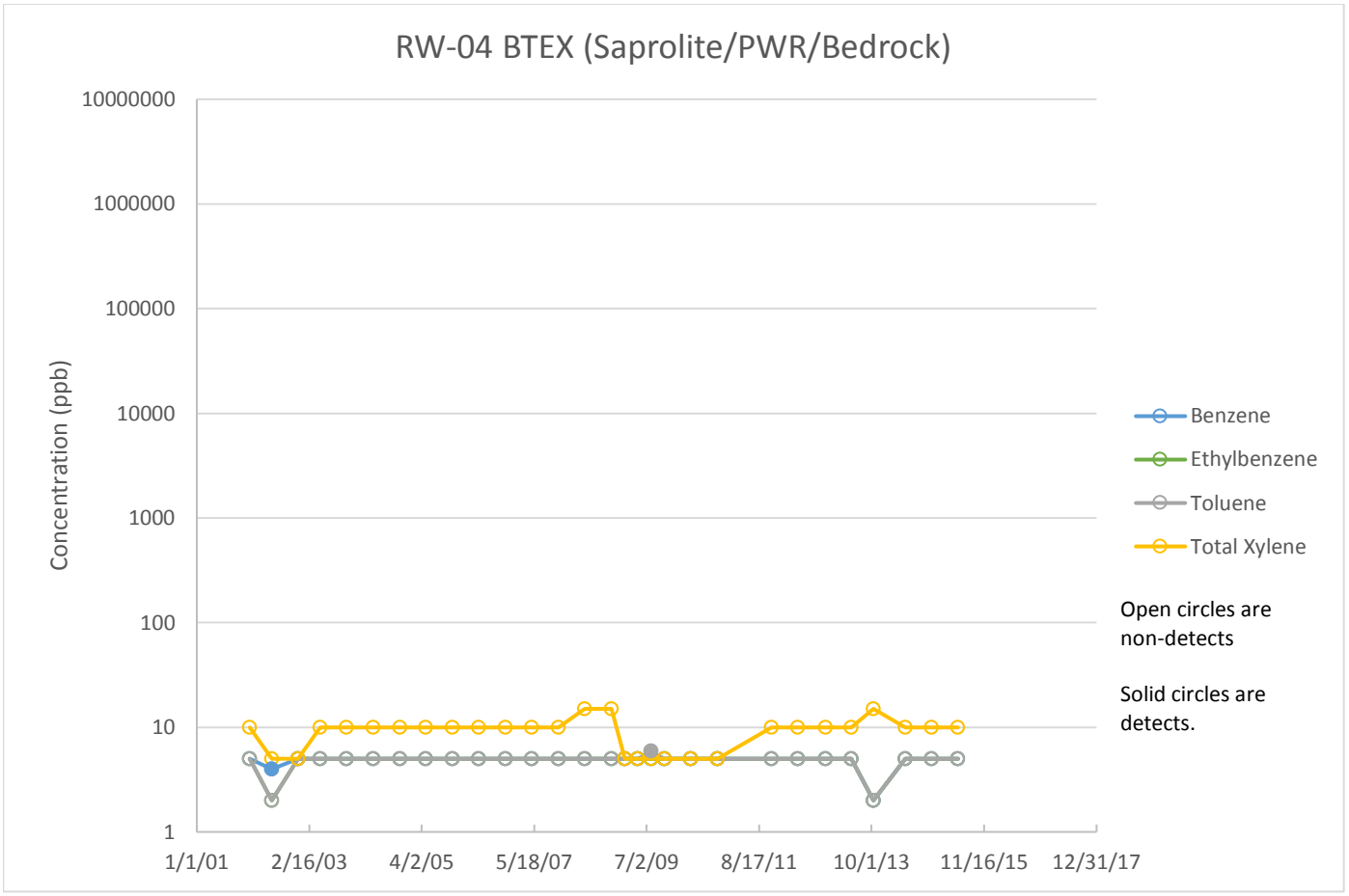
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


RW-03 Chlorinated Hydrocarbons (Saprolite/PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.


RW-04 BTEX (Saprolite/PWR/Bedrock)
Concentration (ppb)
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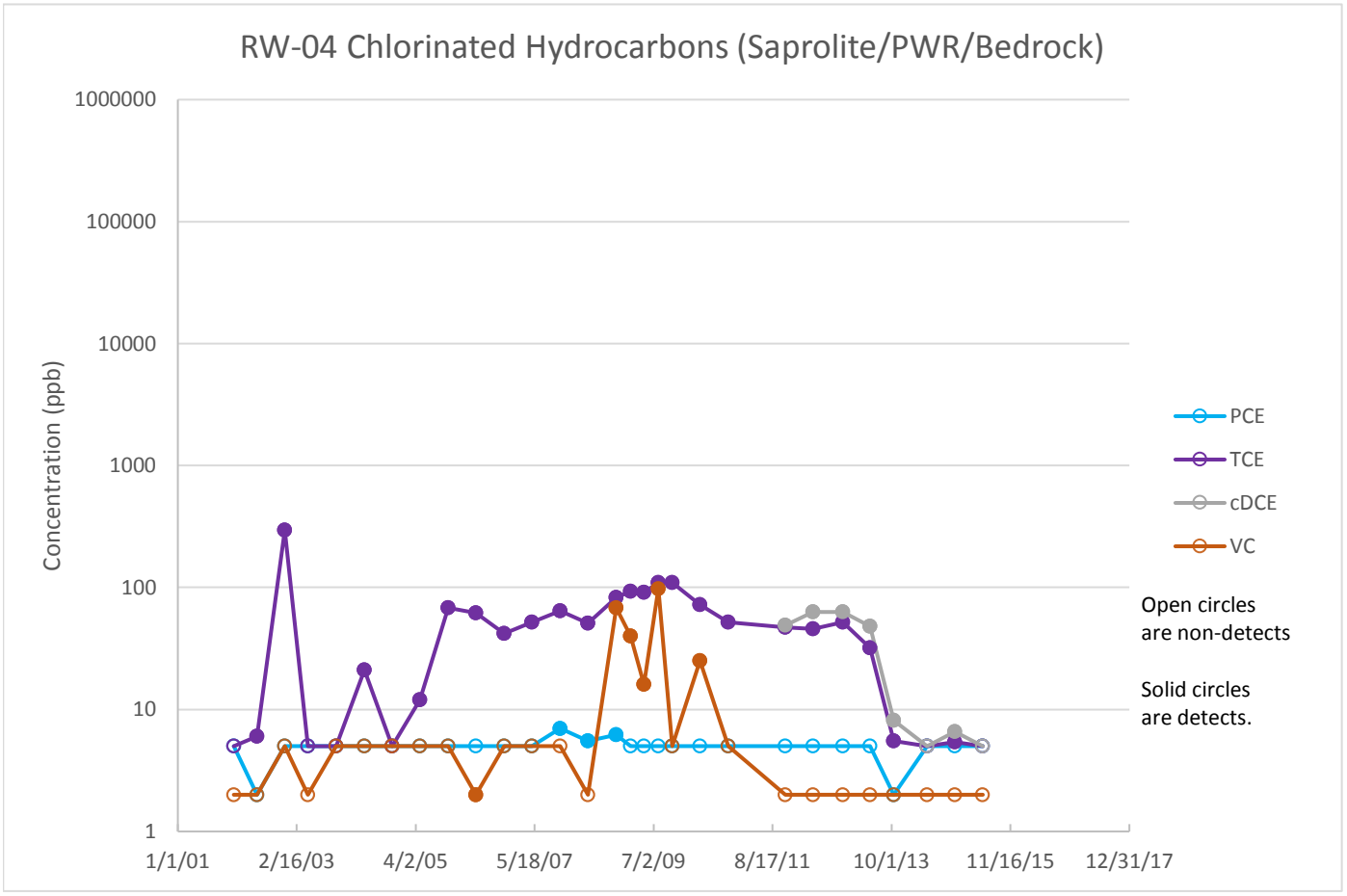
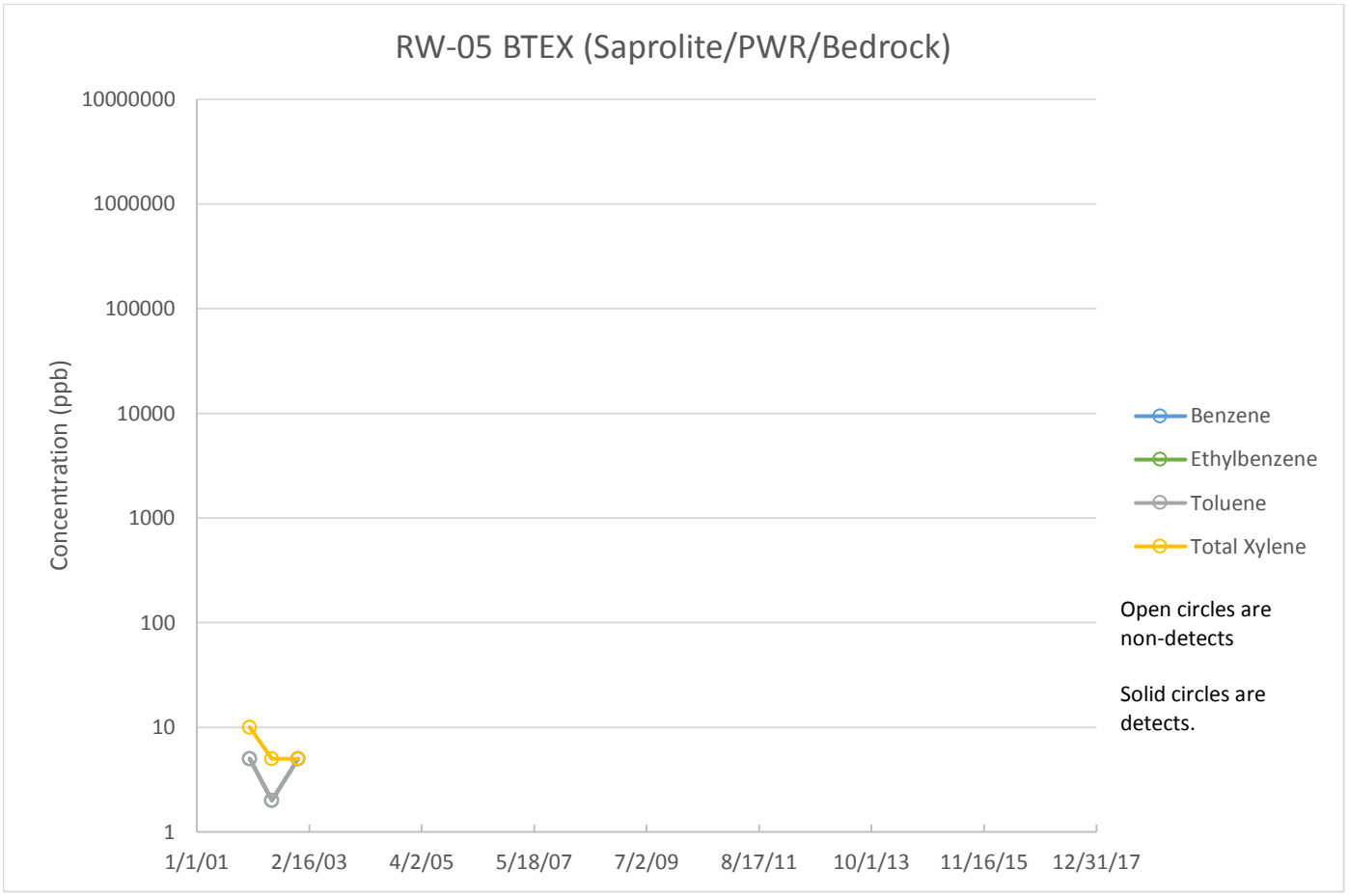
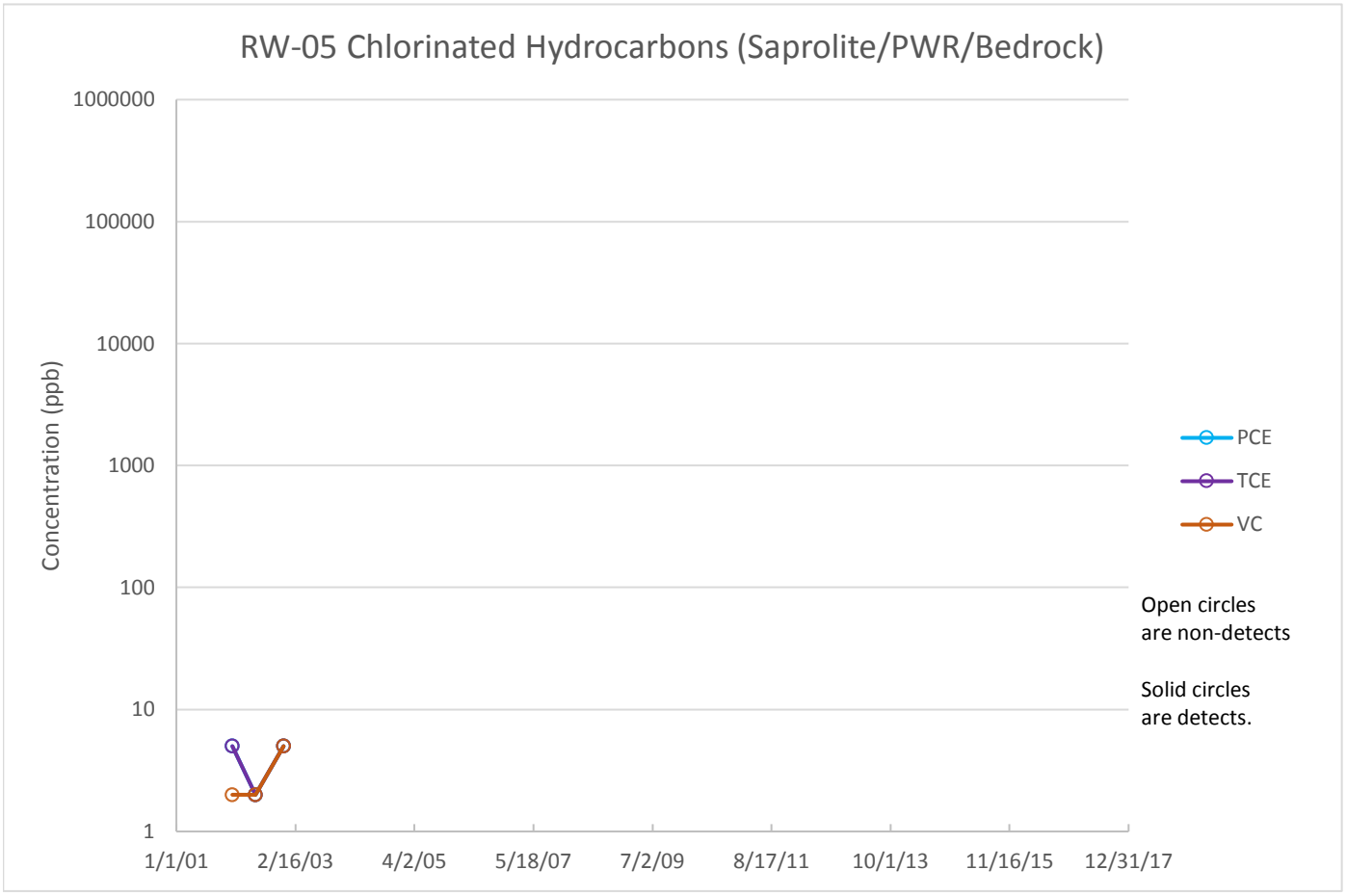
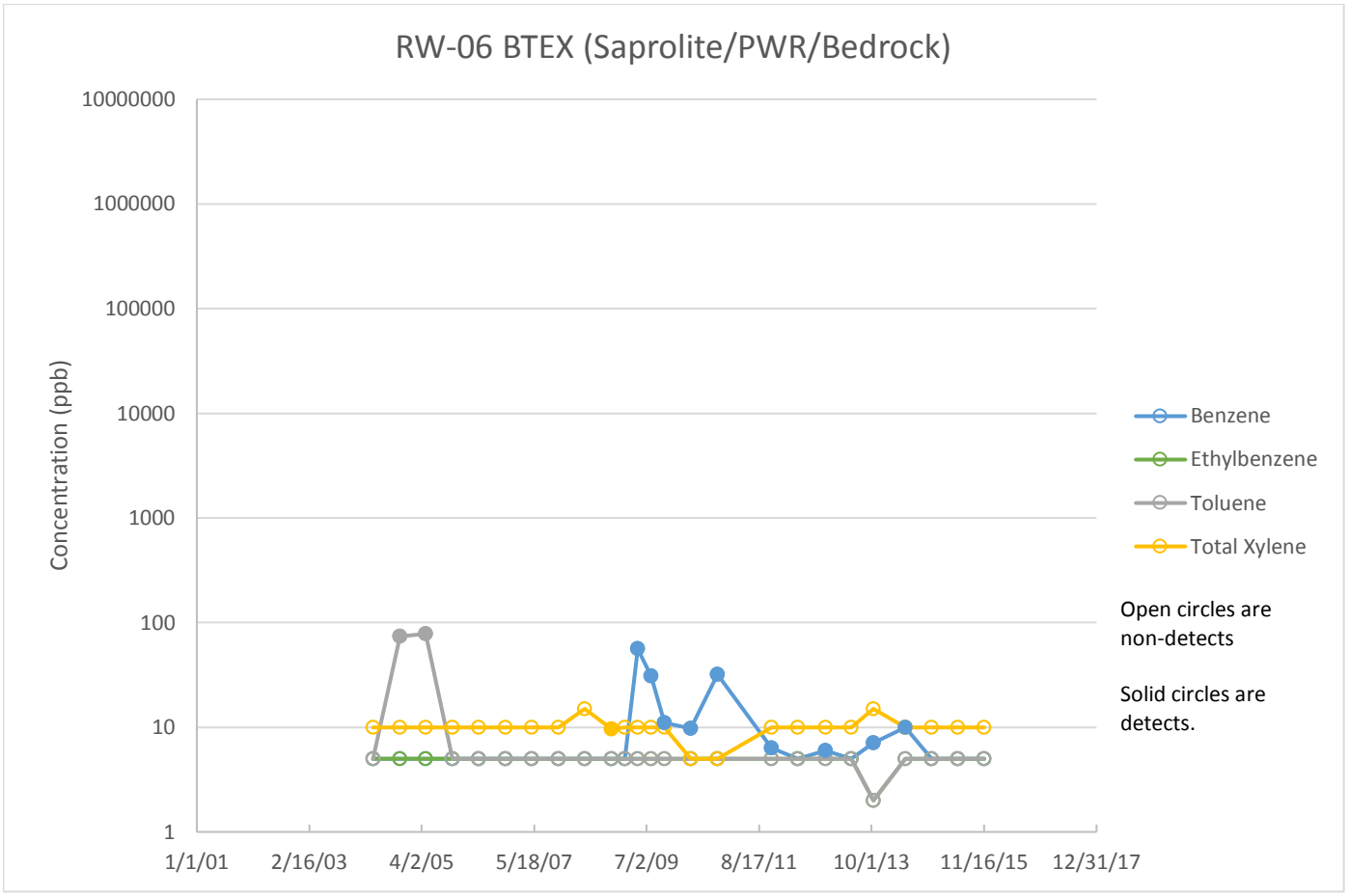
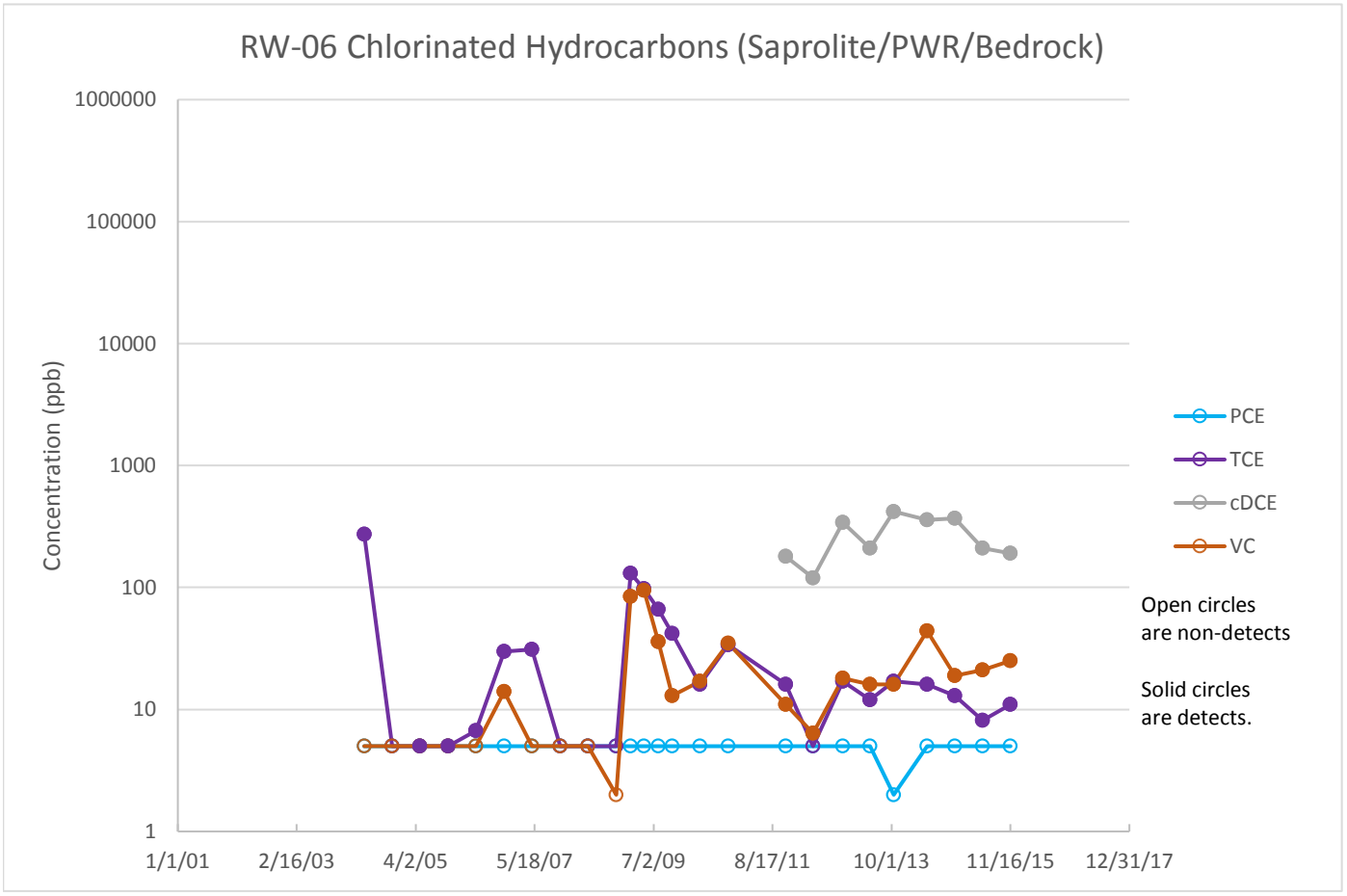
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


RW-04 Chlorinated Hydrocarbons (Saprolite/PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.


RW-05 BTEX (Saprolite/PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


RW-05 Chlorinated Hydrocarbons (Saprolite/PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
VC
Open circles are non-detects
Solid circles are detects.


RW-06 BTEX (Saprolite/PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


RW-06 Chlorinated Hydrocarbons (Saprolite/PWR/Bedrock)
Concentration (ppb)
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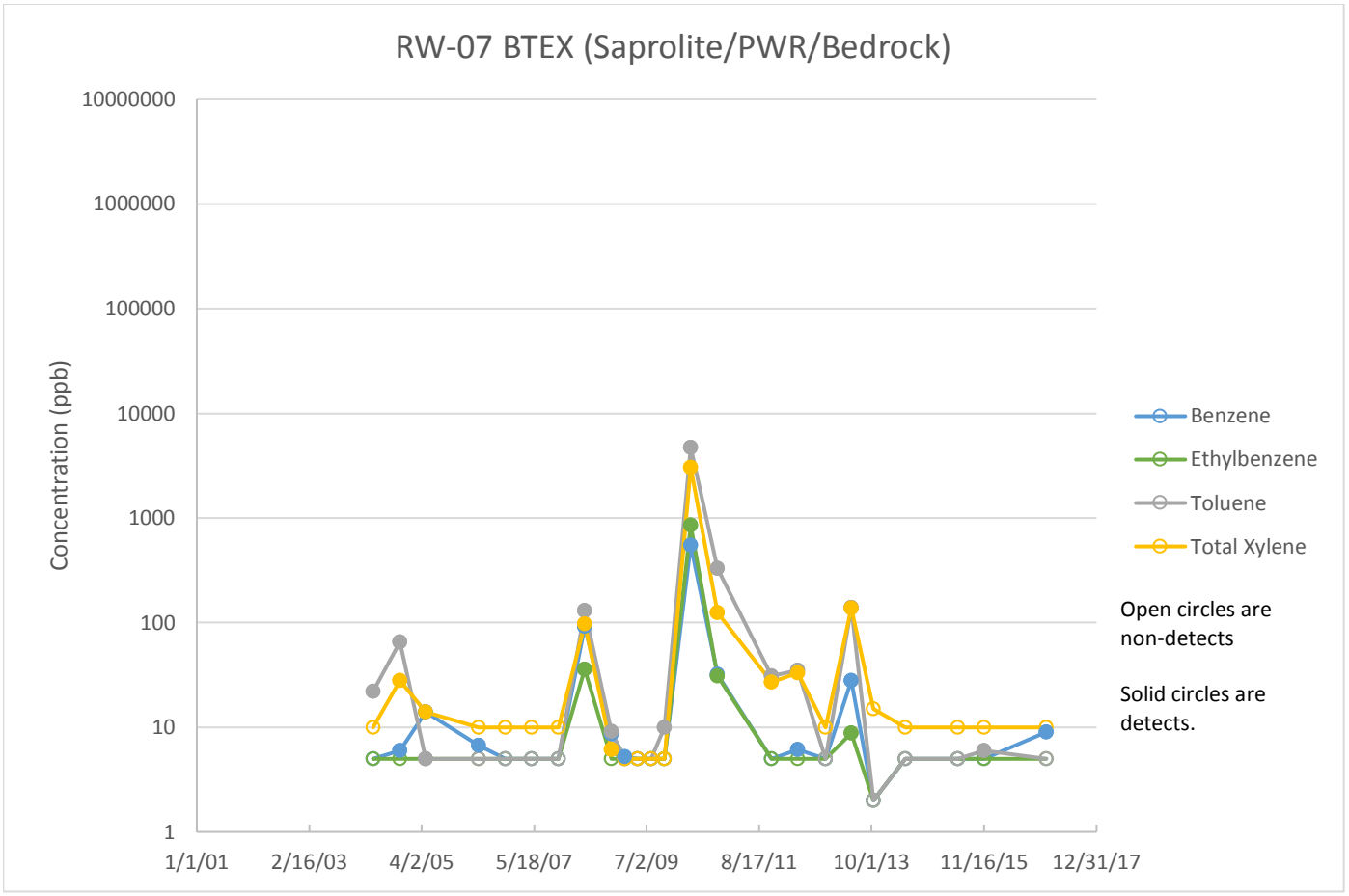
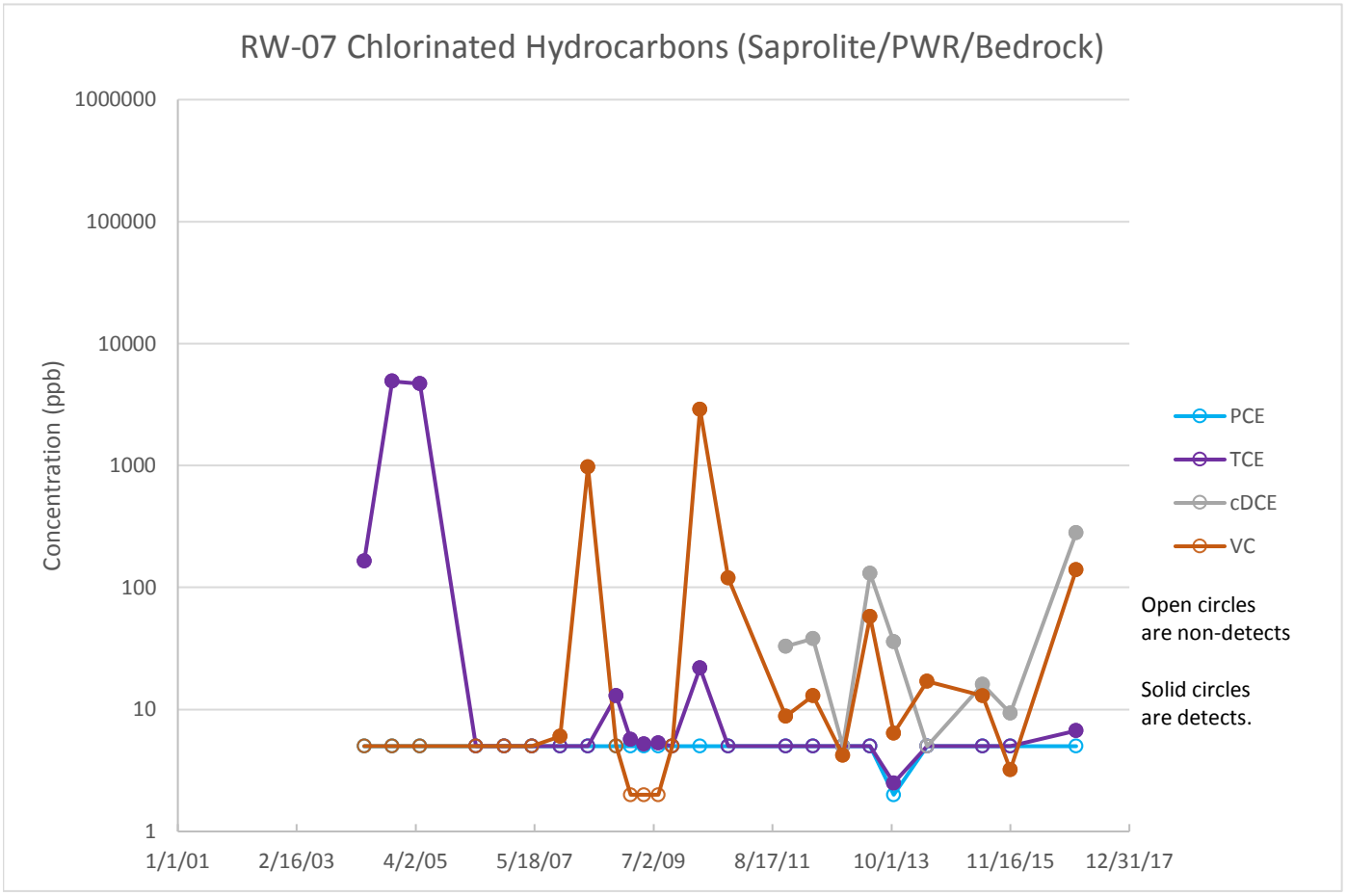
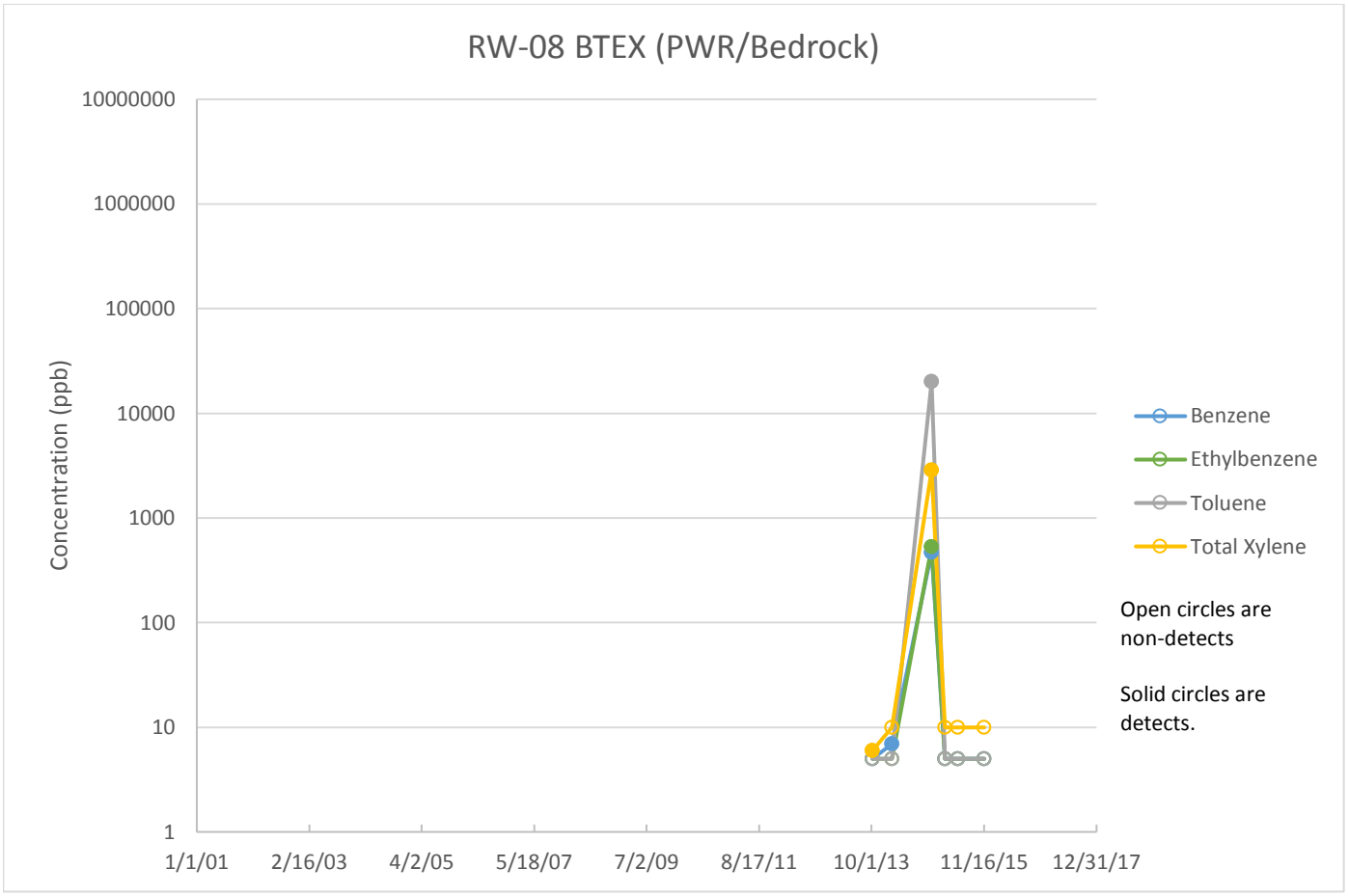
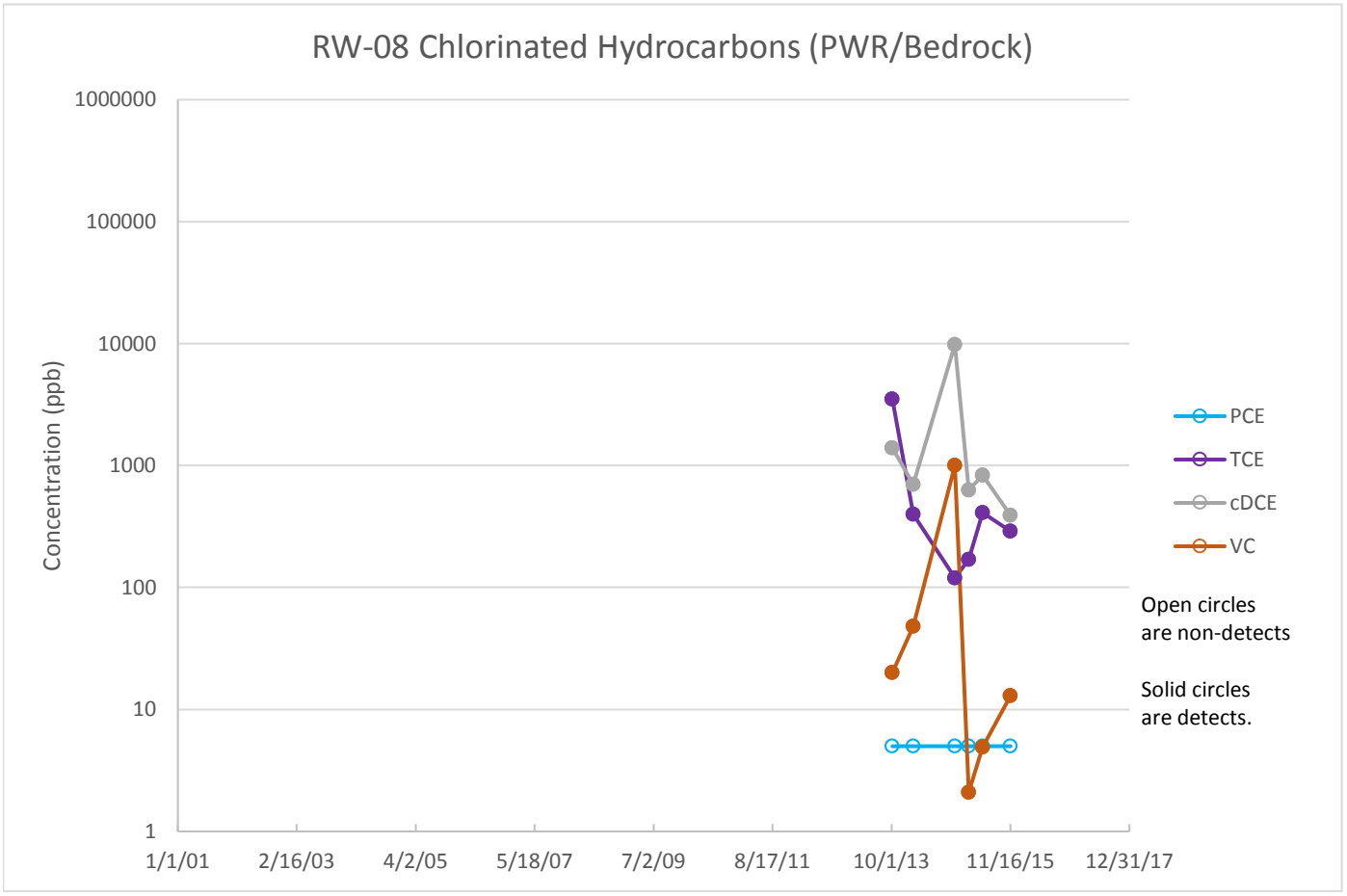
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.


RW-07 BTEX (Saprolite/PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.


RW-07 Chlorinated Hydrocarbons (Saprolite/PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.


RW-08 BTEX (PWR/Bedrock)
Concentration (ppb)
10000000
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
Benzene
Ethylbenzene
Toluene
Total Xylene
Open circles are non-detects
Solid circles are detects.

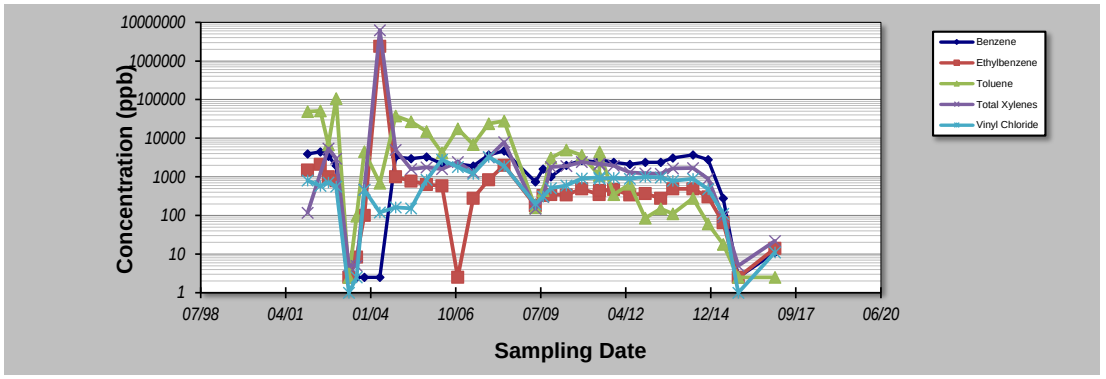

RW-08 Chlorinated Hydrocarbons (PWR/Bedrock)
Concentration (ppb)
1000000
100000
10000
1000
100
10
1
1/1/01
2/16/03
4/2/05
5/18/07
7/2/09
8/17/11
10/1/13
11/16/15
12/31/17
PCE
TCE
cDCE
VC
Open circles are non-detects
Solid circles are detects.

APPENDIX K
Mann-Kendall Test Output

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**
Job ID: **MW-02**
Constituent: **BTEX and Vinyl Chloride**
Concentration Units: **ppb**

Sampling Point ID:	Benzene	Ethylbenzene	Toluene	Total Xylenes	Vinyl Chloride		
Sampling Event	Sampling Date	BTEX AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-Jan-02	3960	1500	49140	118	807		
2	1-Jun-02	4400	2100	51000		590		
3	1-Sep-02	3400	1000	6700	5400	720		
4	1-Dec-02	1950	796	107000	2990	560		
5	1-May-03	*2.5*	*2.5*	*2.5*	*5*	*1*		
6	1-Aug-03	*2.5*	8.4	97.2	*5*	*2.5*		
7	1-Nov-03	*2.5*	100	4560	470	460		
8	1-May-04	*2.5*	2383338	689	6274000	119		
9	1-Nov-04	3300	1000	37600	5000	162		
10	1-May-05	2980	782	27000	1607	154		
11	1-Nov-05	3300	630	15000	1770	840		
12	1-May-06	2200	590	4200	1600	2800		
13	1-Nov-06	2150	*2.5*	17600	2410	1790		
14	1-May-07	1900	280	6900	1300	1200		
15	1-Nov-07	3700	840	24000	3240	3300		
16	1-May-08	4700	2000	28000	8000	1900		
17	1-May-09	740	180	160	150	200		
18	1-Aug-09	1600	330	440	300	310		
19	1-Nov-09	1000	350	3100	1790	510		
20	1-May-10	2000	340	5000	1900	600		
21	1-Nov-10	2700	490	3600	2440	910		
22	24-May-11	2400	350	1100	2090	960		
23	27-May-11	2800	440	4400	2200	900		
24	10-Nov-11	2400	470	350	1950	940		
25	16-May-12	2100	340	650	1300	900		
26	14-Nov-12	2400	370	86	1240	1000		
27	16-May-13	2400	280	150	1200	960		
28	7-Oct-13	3100	490	110	1675	790		
29	30-May-14	3700	490	280	1700	890		
30	24-Nov-14	2800	300	61	888	480		
31	20-May-15	280	64	18	91.3	110		
32	13-Nov-15	*2.5*	*2.5*	*2.5*	*5*	*1*		
33	18-Jan-17	11	14	*2.5*	22	11		
34								
35								
Coefficient of Variation:		**0.65**	**5.70**	**1.84**	**5.61**	**0.96**		
Mann-Kendall Statistic (S):		**-33**	**-160**	**-283**	**-102**	**17**		
Confidence Factor:		**68.9%**	**99.4%**	**>99.9%**	**94.9%**	**59.7%**		
Concentration Trend:		Stable	Decreasing	Decreasing	Prob. Decreasing	No Trend		



Notes:

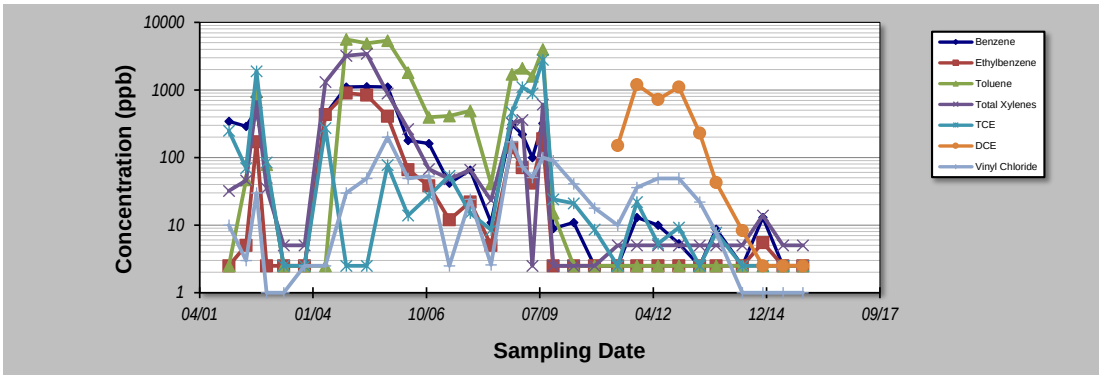
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **MW-03**
Constituent: **BTEX, TCE, DCE, and Vinyl Chloride**
Concentration Units: **ppb**

Sampling Point ID:	Benzene	Ethylbenzene	Toluene	Total Xylenes	TCE	DCE	Vinyl Chloride
Sampling Event	Sampling Date	BTEX, TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-Jan-02	343	2.5	2.5	32	250		10
2	1-Jun-02	290	5	47	46	70		3
3	1-Sep-02	510	170	940	660	1900		30
4	1-Dec-02	72	2.5	78.9	35.2	84.9		1
5	1-May-03	2.5	2.5	2.5	5	2.5		1
6	1-Nov-03	2.5	2.5	2.5	5	2.5		2.5
7	1-May-04	433	431	2.5	1314	272		2.5
8	1-Nov-04	1100	900	5600	3200	2.5		30
9	1-May-05	1120	844	4900	3419	2.5		49
10	1-Nov-05	1100	410	5400	890	78		200
11	1-May-06	180	66	1800	265	14		49
12	1-Nov-06	162	38	396	68	27		53
13	1-May-07	42	12	414	48	54		2.5
14	1-Nov-07	65	22	490	66	15		24
15	1-May-08	11	5	41	23.3	8.5		2.6
16	1-Nov-08	310	140	1700	320	470		170
17	1-Feb-09	220	71	2100	360	1100		73
18	1-May-09	100	42	1600	2.5	890		51
19	1-Aug-09	320	190	4000	610	2800		100
20	1-Nov-09	8.9	2.5	15	2.5	24		90
21	1-May-10	11	2.5	2.5	2.5	21		41
22	1-Nov-10	2.5	2.5	2.5	2.5	8.6		18
23	24-May-11	2.5	2.5	2.5	5	2.5	150	10
24	9-Nov-11	13	2.5	2.5	5	22	1200	36
25	15-May-12	10	2.5	2.5	5	5.3	720	49
26	14-Nov-12	5.3	2.5	2.5	5	9.2	1100	49
27	16-May-13	2.5	2.5	2.5	5	2.5	230	22
28	8-Oct-13	8.7	2.5	2.5	5	7.8	43	7.8
29	28-May-14	2.5	2.5	2.5	5	2.5	8.3	1
30	24-Nov-14	13	5.5	2.5	14	2.5	2.5	1
31	20-May-15	2.5	2.5	2.5	5	2.5	2.5	1
32	13-Nov-15	2.5	2.5	2.5	5	2.5	2.5	1
33								
34								
35								
Coefficient of Variation:		1.62	2.15	1.82	2.33	2.42	1.38	1.29
Mann-Kendall Statistic (S):		-233	-149	-150	-161	-155	-32	-30
Confidence Factor:		>99.9%	99.3%	99.3%	99.6%	99.4%	99.9%	68.0%
Concentration Trend:		Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	No Trend



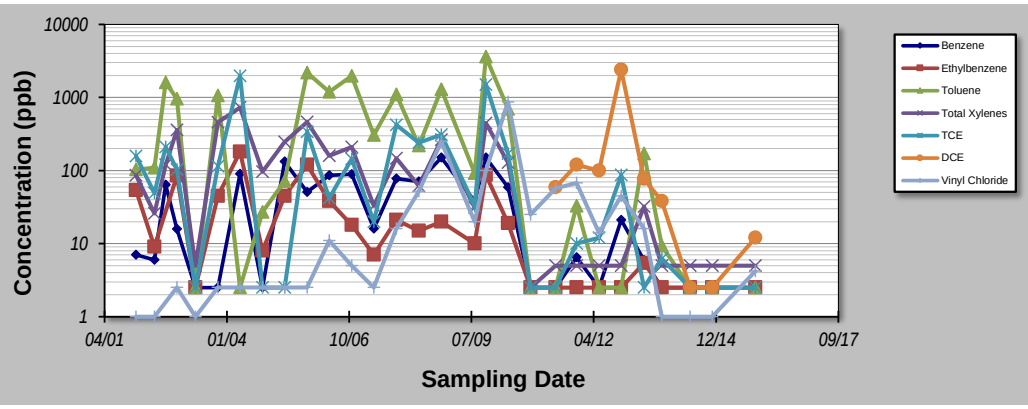
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-04
Facility Name:	LRM East Point	Constituent:	BTEX, TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	Benzene	Ethylbenzene	Toluene	Total Xylenes	TCE	DCE	Vinyl Chloride
Sampling Event	Sampling Date	BTEX, TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-Jan-02	7	54	103	86	158		*1*
2	1-Jun-02	6	9	110	26	49		*1*
3	1-Sep-02	64		1600	120	210		
4	1-Dec-02	15.9	85.3	955	360	103		*2.5*
5	1-May-03	*2.5*	*2.5*	*2.5*	*5*	*2.5*		*1*
6	1-Nov-03	*2.5*	45	1070	458	115		*2.5*
7	1-May-04	90	181	*2.5*	729	1982		*2.5*
8	1-Nov-04	*2.5*	8	27	96	*2.5*		*2.5*
9	1-May-05	133	45	72	247	*2.5*		*2.5*
10	1-Nov-05	51	120	2200	460	340		*2.5*
11	1-May-06	86	38	1200	159	42		11
12	1-Nov-06	89	18	1970	210	144		5
13	1-May-07	16	7	306	33	20		*2.5*
14	1-Nov-07	78	21	1100	147	420		16
15	1-May-08	71	15	220	62	240		52
16	1-Nov-08	150	20	1300	264	310		250
17	1-Aug-09	38	10	92	31	33		20
18	1-Nov-09	150	87	3600	448	1500		100
19	1-May-10	59	19	700	128	170		870
20	1-Nov-10	*2.5*	*2.5*	*2.5*	*2.5*	*2.5*		25
21	25-May-11	*2.5*	*2.5*	*2.5*	*5*	*2.5*	59	57
22	11-Nov-11	6.5	*2.5*	33	*5*	10	120	68
23	15-May-12	*2.5*	*2.5*	*2.5*	*5*	12	100	14
24	12-Nov-12	21	*2.5*	*2.5*	*5*	87	2400	45
25	16-May-13	5.9	5.4	170	32.1	*2.5*	77	16
26	8-Oct-13	*2.5*	*2.5*	9.4	*5*	6.2	38	*1*
27	29-May-14	*2.5*	*2.5*	*2.5*	*5*	*2.5*	*2.5*	*1*
28	24-Nov-14	*2.5*	*2.5*	*2.5*	*5*	*2.5*	*2.5*	*1*
29	13-Nov-15	*2.5*	*2.5*	*2.5*	*5*	*2.5*	12	4.2
30								
Coefficient of Variation:		1.19	1.47	1.51	1.30	2.16	2.51	2.97
Mann-Kendall Statistic (S):		-90	-186	-116	-160	-116	-19	105
Confidence Factor:		95.2%	>99.9%	98.5%	99.9%	98.5%	97.0%	98.0%
Concentration Trend:		Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Increasing



Notes:

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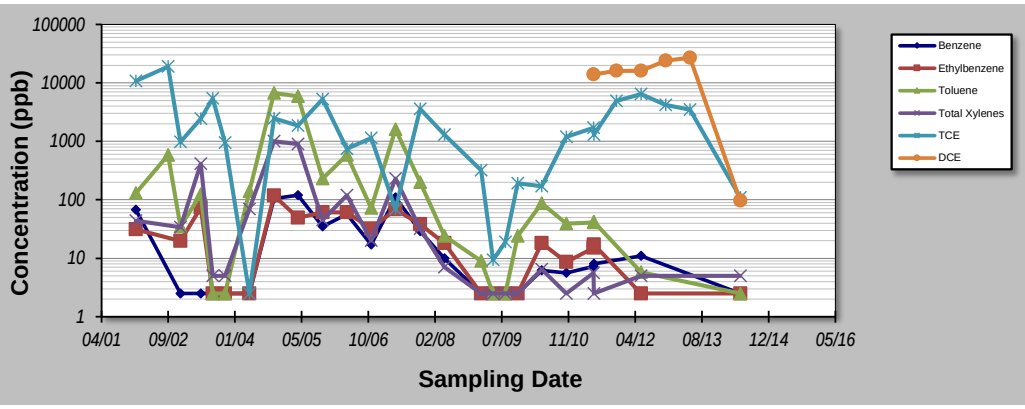
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-05
Facility Name:	LRM East Point	Constituent:	BTEX, TCE, and DCE
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	Benzene	Ethylbenzene	Toluene	Total Xylenes	TCE	DCE	
Sampling Event	Sampling Date	BTEX, TCE, AND DCE CONCENTRATION (ppb)						
1	1-Jan-02	67	31	131	44	10700		
2	1-Sep-02			580		19000		
3	1-Dec-02	*2.5*	19.6	34.8	34	976		
4	1-May-03	*2.5*	73	125	415	2430		
5	1-Aug-03	*2.5*	*2.5*	*2.5*	*5*	5460		
6	1-Nov-03	*2.5*	*2.5*	*2.5*	*5*	950		
7	1-May-04	*2.5*	*2.5*	140	69	*2.5*		
8	1-Nov-04	105	118	6700	1003	2480		
9	1-May-05	120	49	5900	890	1850		
10	1-Nov-05	35	61	230	45	5300		
11	1-May-06	57	61	580	120	740		
12	1-Nov-06	17	32	72	20	1140		
13	1-May-07	110	68	1600	230	69		
14	1-Nov-07	29	38	200	32	3600		
15	1-May-08	10	18	24	7	1300		
16	1-Nov-08							
17	1-Feb-09	*2.5*	*2.5*	9	*2.5*	320		
18	1-May-09	*2.5*	*2.5*	*2.5*	*2.5*	9.4		
19	1-Aug-09	*2.5*	*2.5*	*2.5*	*2.5*	19		
20	1-Nov-09	*2.5*	*2.5*	24	*2.5*	190		
21	1-May-10	6.2	18	87	6.5	170		
22	1-Nov-10	5.6	8.6	39	*2.5*	1200		
23	25-May-11	7.2	15	41	5.6	1700	14000	
24	27-May-11	8	17	42	*2.5*	1300		
25	11-Nov-11					4900	16000	
26	15-May-12	11	*2.5*	5.8	*5*	6400	16000	
27	15-Nov-12					4200	24000	
28	16-May-13					3500	27000	
29	28-May-14	*2.5*	*2.5*	*2.5*	*5*	110	96	
30								
Coefficient of Variation:		1.47	1.12	2.61	2.20	1.41	0.58	
Mann-Kendall Statistic (S):		-21	-80	-82	-119	-39	4	
Confidence Factor:		68.9%	97.5%	97.1%	99.9%	77.2%	70.3%	
Concentration Trend:		No Trend	Decreasing	Decreasing	Decreasing	No Trend	No Trend	



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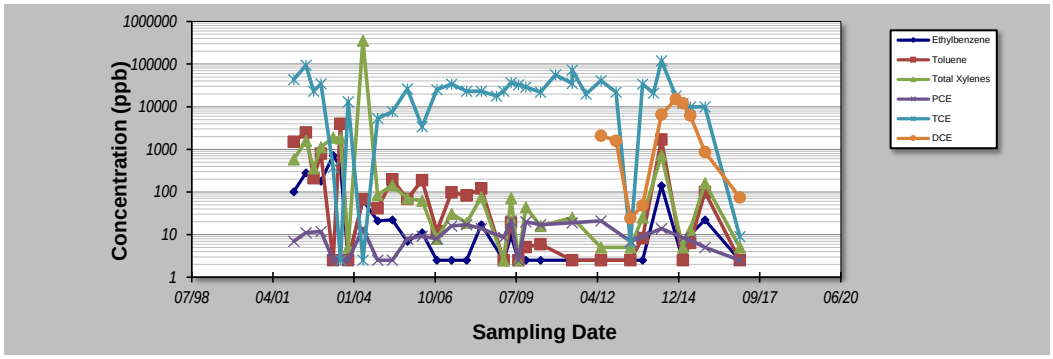
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **MW-07**
Constituent: **Ethylbenzene, Toluene, Total Xylenes, PCE, TCE, DCE**
Concentration Units: **ppb**

Sampling Point ID:	Ethylbenzene	Toluene	Total Xylenes	PCE	TCE	DCE	
Sampling Event	Sampling Date	ETHYLBENZENE, TOLUENE, TOTAL XYLENES, PCE, TCE, DCE CONCENTRATION (ppb)						
1	1-Jan-02	102	1500	585	7	43000		
2	1-Jun-02	280	2500	1600	11	94000		
3	1-Sep-02		210	360		23000		
4	1-Dec-02	180	800	1120	11.8	34600		
5	1-May-03	713	*2.5*	1893	*2.5*	376		
6	1-Aug-03	401	3990	1820	*2.5*	*2.5*		
7	1-Nov-03	*2.5*	*2.5*	*5*	*2.5*	13000		
8	1-May-04	64	67	359375	14	*2.5*		
9	1-Nov-04	21	41	85	*2.5*	5300		
10	1-May-05	22	197	144	*2.5*	7620		
11	1-Nov-05	7	68	70	8	26000		
12	1-May-06	11	190	62	9.2	3400		
13	1-Nov-06	*2.5*	12	8	8	25100		
14	1-May-07	*2.5*	98	31	16	34000		
15	1-Nov-07	*2.5*	82	19	17	23000		
16	1-May-08	17	120	75	14	23000		
17	1-Nov-08					18000		
18	1-Feb-09	*2.5*	*2.5*	*2.5*	8.6	23000		
19	1-May-09	9.5	19	72	21	37000		
20	1-Aug-09	*2.5*	*2.5*	*2.5*	*2.5*	33000		
21	1-Nov-09	*2.5*	5.1	44	20	29000		
22	1-May-10	*2.5*	5.9	16	17	22000		
23	1-Nov-10					56000		
24	24-May-11					35000		
25	27-May-11	*2.5*	*2.5*	25	19	73000		
26	9-Nov-11					20000		
27	16-May-12	*2.5*	*2.5*	*5*	21	41000	2100	
28	15-Nov-12					22000	1600	
29	14-May-13	*2.5*	*2.5*	*5*	7	6.4	24	
30	8-Oct-13	*2.5*	8.3	25.6	9	34000	48	
31	19-Feb-14					21000		
32	29-May-14	140	1700	730	14	120000	6600	
33	25-Nov-14					18000	15000	
34	18-Feb-15	*2.5*	*2.5*	*5*	8.4	12000	12000	
35	19-May-15	10	6.4	13	7.5	10000	6200	
36	17-Nov-15	22	100	162	5	10000	860	
37	19-Jan-17	*2.5*	*2.5*	*5*	*2.5*	9	74	
38								
39								
40								
Coefficient of Variation:		2.21	2.30	5.34	0.62	0.95	1.21	
Mann-Kendall Statistic (S):		-152	-159	-182	52	-21	1	
Confidence Factor:		99.8%	99.8%	>99.9%	82.9%	60.2%	50.0%	
Concentration Trend:		Decreasing	Decreasing	Decreasing	No Trend	Stable	No Trend	



Notes:

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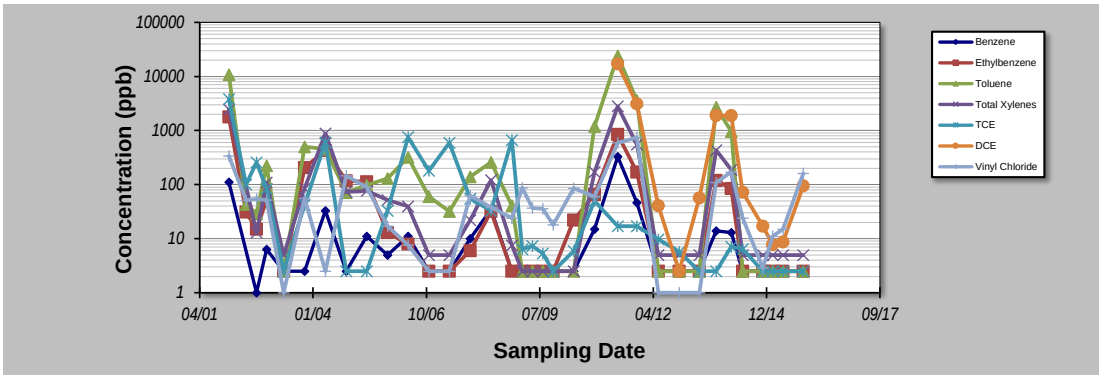
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**
Job ID: **MW-08**
Constituent: **BTEX, TCE, and Vinyl Chloride**
Concentration Units: **ppb**

Sampling Point ID:	Benzene	Ethylbenzene	Toluene	Total Xylenes	TCE	DCE	Vinyl Chloride
Sampling Event	Sampling Date	BTEX, TCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-Jan-02	111	1780	10900	2460	3790		341
2	1-Jun-02		31	43		100		51
3	1-Sep-02	*1*	15	29	13	260		54
4	1-Dec-02	6.29	52	225	110	82.8		52
5	1-May-03	*2.5*	*2.5*	*2.5*	*5*	*2.5*		*1*
6	1-Nov-03	*2.5*	205	500	84.7	42		56.1
7	1-May-04	33	428	458	879	603		*2.5*
8	1-Nov-04	*2.5*	117	71	73	*2.5*		145
9	1-May-05	11	113	97	77	*2.5*		90
10	1-Nov-05	5	13	130	52	33		17
11	1-May-06	11	8	320	39.8	760		7.6
12	1-Nov-06	*2.5*	*2.5*	60	*5*	180		*2.5*
13	1-May-07	*2.5*	*2.5*	32	*5*	595		*2.5*
14	1-Nov-07	10	6	140	22	55		63
15	1-May-08	35	32	260	121	33		38
16	1-Nov-08	*2.5*	*2.5*	41	*7.5*	660		24
17	1-Feb-09	*2.5*	*2.5*	*2.5*	*2.5*	6.3		87
18	1-May-09	*2.5*	*2.5*	*2.5*	*2.5*	7.3		37
19	1-Aug-09	*2.5*	*2.5*	*2.5*	*2.5*	5.3		36
20	1-Nov-09	*2.5*	*2.5*	*2.5*	*2.5*	*2.5*		18
21	1-May-10	*2.5*	22	*2.5*	*2.5*	5.9		86
22	1-Nov-10	15	65	1200	171	50		60
23	24-May-11	330	850	24000	2800	17	17000	590
24	9-Nov-11	46	170	3600	550	17	3100	740
25	16-May-12	*2.5*	*2.5*	*2.5*	*5*	9.8	41	*1*
26	15-Nov-12	*2.5*	*2.5*	*2.5*	*5*	5.7	*2.5*	*1*
27	14-May-13	*2.5*	*2.5*	*2.5*	*5*	*2.5*	57	*1*
28	8-Oct-13	14	120	2700	430	*2.5*	1900	110
29	19-Feb-14	13	85	970	189	7.1	1900	170
30	30-May-14	*2.5*	*2.5*	*2.5*	*5*	6.4	72	24
31	25-Nov-14	*2.5*	*2.5*	*2.5*	*5*	*2.5*	17	2.9
32	18-Feb-15	*2.5*	*2.5*	*2.5*	*5*	*2.5*	7.7	11
33	21-May-15	*2.5*	*2.5*	*2.5*	*5*	*2.5*	8.7	15
34	16-Nov-15	*2.5*	*2.5*	*2.5*	*5*	*2.5*	95	160
35								
Coefficient of Variation:		**2.84**	**2.74**	**3.31**	**2.61**	**3.08**	**2.40**	**1.78**
Mann-Kendall Statistic (S):		**-42**	**-157**	**-140**	**-111**	**-252**	**-21**	**-13**
Confidence Factor:		**73.6%**	**99.0%**	**98.1%**	**95.6%**	**>99.9%**	**91.3%**	**57.0%**
Concentration Trend:		No Trend	Decreasing	Decreasing	Decreasing	Decreasing	Prob. Decreasing	No Trend



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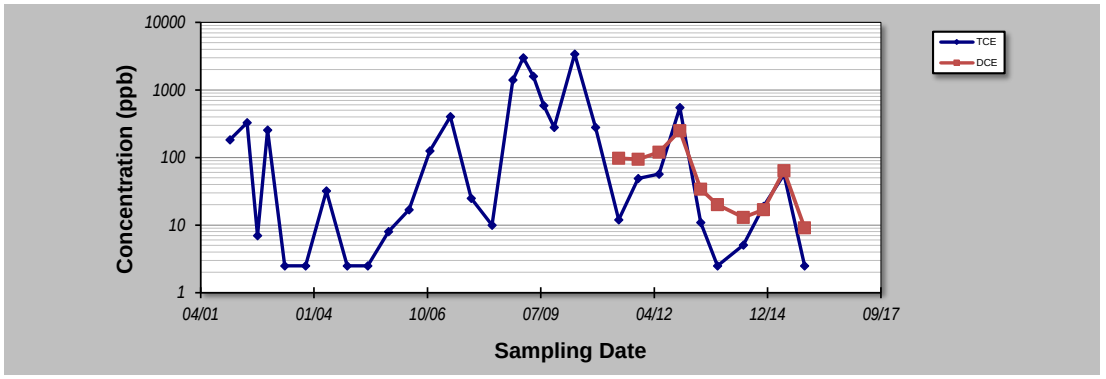
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **MW-09**
Constituent: **TCE and DCE**
Concentration Units: **ppb**

Sampling Point ID:	TCE	DCE					
Sampling Event	Sampling Date	TCE AND DCE CONCENTRATION (ppb)						
1	1-Jan-02	183						
2	1-Jun-02	330						
3	1-Sep-02	7						
4	1-Dec-02	256						
5	1-May-03	*2.5*						
6	1-Nov-03	*2.5*						
7	1-May-04	32						
8	1-Nov-04	*2.5*						
9	1-May-05	*2.5*						
10	1-Nov-05	8						
11	1-May-06	17						
12	1-Nov-06	126						
13	1-May-07	405						
14	1-Nov-07	25						
15	1-May-08	10						
16	1-Nov-08	1400						
17	1-Feb-09	3000						
18	1-May-09	1600						
19	1-Aug-09	590						
20	1-Nov-09	280						
21	1-May-10	3400						
22	1-Nov-10	280						
23	24-May-11	12	98					
24	11-Nov-11	49	94					
25	14-May-12	57	120					
26	14-Nov-12	550	250					
27	15-May-13	11	34					
28	10-Oct-13	*2.5*	20					
29	27-May-14	5.1	13					
30	21-Nov-14	19	17					
31	20-May-15	56	64					
32	19-Nov-15	*2.5*	9.1					
33								
34								
35								
Coefficient of Variation:		**2.08**	**1.03**					
Mann-Kendall Statistic (S):		**16**	**-25**					
Confidence Factor:		**59.5%**	**98.6%**					
Concentration Trend:		No Trend	Decreasing					



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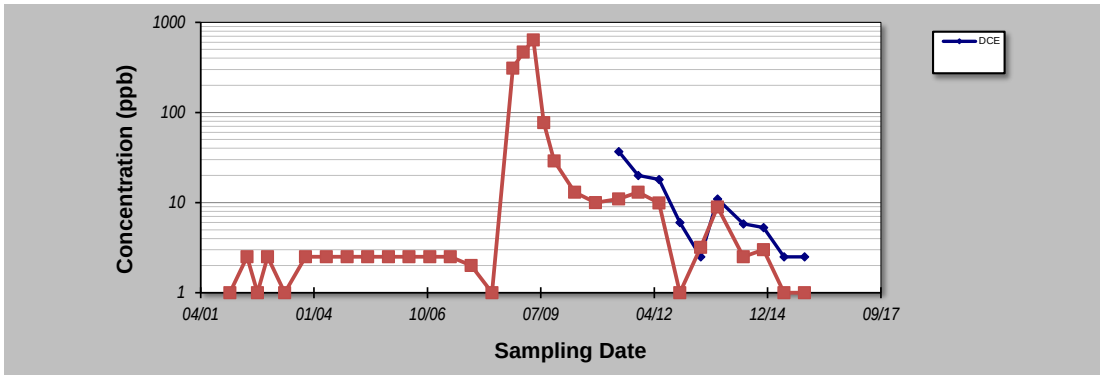
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **MW-10**
Constituent: **DCE and Vinyl Chloride**
Concentration Units: **ppb**

Sampling Point ID:	DCE	Vinyl Chloride					
Sampling Event	Sampling Date	DCE AND VINYL CHLORIDE CONCENTRATION (ppb)					
1	1-Jan-02		*1*				
2	1-Jun-02		*2.5*				
3	1-Sep-02		*1*				
4	1-Dec-02		*2.5*				
5	1-May-03		*1*				
6	1-Nov-03		*2.5*				
7	1-May-04		*2.5*				
8	1-Nov-04		*2.5*				
9	1-May-05		*2.5*				
10	1-Nov-05		*2.5*				
11	1-May-06		*2.5*				
12	1-Nov-06		*2.5*				
13	1-May-07		*2.5*				
14	1-Nov-07		2				
15	1-May-08		*1*				
16	1-Nov-08		310				
17	1-Feb-09		470				
18	1-May-09		640				
19	1-Aug-09		77				
20	1-Nov-09		29				
21	1-May-10		13				
22	1-Nov-10		10				
23	24-May-11	37	11				
24	11-Nov-11	20	13				
25	15-May-12	18	9.9				
26	14-Nov-12	6	*1*				
27	15-May-13	*2.5*	3.2				
28	10-Oct-13	11	8.9				
29	27-May-14	5.8	2.5				
30	21-Nov-14	5.3	3				
31	20-May-15	*2.5*	*1*				
32	19-Nov-15	*2.5*	*1*				
33							
34							
35							
Coefficient of Variation:		**1.00**	**2.84**				
Mann-Kendall Statistic (S):		**-34**	**65**				
Confidence Factor:		**100.0%**	**84.9%**				
Concentration Trend:		Decreasing	No Trend				



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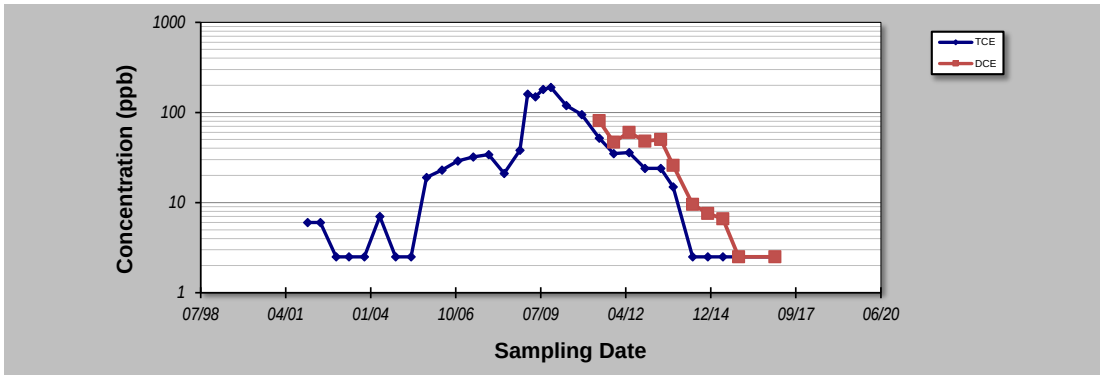
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **MW-11**
Constituent: **TCE and DCE**
Concentration Units: **ppb**

Sampling Point ID:	TCE	DCE					
Sampling Event	Sampling Date	TCE AND DCE CONCENTRATION (ppb)						
1	1-Jan-02	6						
2	1-Jun-02	6						
3	1-Dec-02	*2.5*						
4	1-May-03	*2.5*						
5	1-Nov-03	*2.5*						
6	1-May-04	7						
7	1-Nov-04	*2.5*						
8	1-May-05	*2.5*						
9	1-Nov-05	19						
10	1-May-06	23						
11	1-Nov-06	29						
12	1-May-07	32						
13	1-Nov-07	34						
14	1-May-08	21						
15	1-Nov-08	38						
16	1-Feb-09	160						
17	1-May-09	150						
18	1-Aug-09	180						
19	1-Nov-09	190						
20	1-May-10	120						
21	1-Nov-10	95						
22	23-May-11	52	81					
23	9-Nov-11	35	47					
24	8-May-12	36	60					
25	13-Nov-12	24	48					
26	15-May-13	24	50					
27	9-Oct-13	15	26					
28	28-May-14	*2.5*	9.6					
29	20-Nov-14	*2.5*	7.6					
30	18-May-15	*2.5*	6.6					
31	19-Nov-15	*2.5*	*2.5*					
32	17-Jan-17	*2.5*	*2.5*					
33								
34								
35								
Coefficient of Variation:		**1.36**	**0.88**					
Mann-Kendall Statistic (S):		**45**	**-46**					
Confidence Factor:		**76.1%**	**>99.9%**					
Concentration Trend:		No Trend	Decreasing					



Notes:

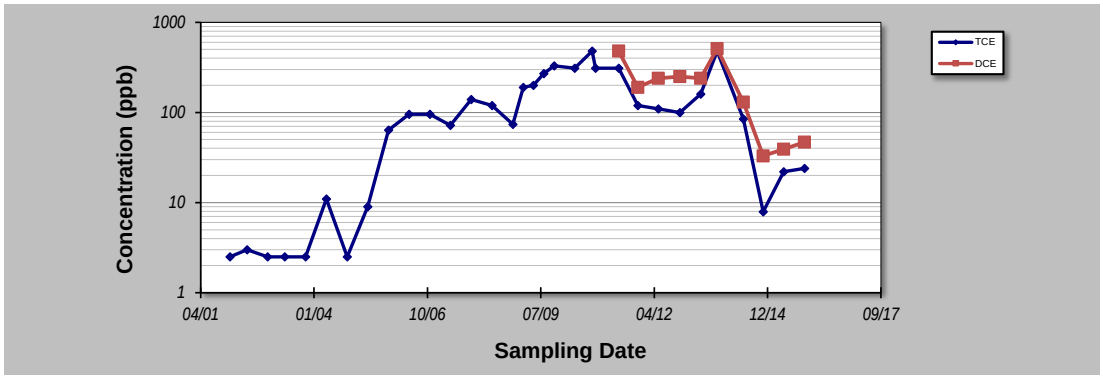
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **MW-12**
Constituent: **TCE and DCE**
Concentration Units: **ppb**

Sampling Point ID:	TCE	DCE					
Sampling Event	Sampling Date	TCE AND DCE CONCENTRATION (ppb)						
1	1-Jan-02	*2.5*						
2	1-Jun-02	3						
3	1-Dec-02	*2.5*						
4	1-May-03	*2.5*						
5	1-Nov-03	*2.5*						
6	1-May-04	11						
7	1-Nov-04	*2.5*						
8	1-May-05	9						
9	1-Nov-05	64						
10	1-May-06	96						
11	1-Nov-06	96						
12	1-May-07	72						
13	1-Nov-07	140						
14	1-May-08	120						
15	1-Nov-08	74						
16	1-Feb-09	190						
17	1-May-09	200						
18	1-Aug-09	270						
19	1-Nov-09	330						
20	1-May-10	310						
21	1-Oct-10	480						
22	1-Nov-10	310						
23	23-May-11	310	480					
24	9-Nov-11	120	190					
25	8-May-12	110	240					
26	13-Nov-12	100	250					
27	15-May-13	160	240					
28	9-Oct-13	480	510					
29	27-May-14	85	130					
30	19-Nov-14	7.9	33					
31	18-May-15	22	39					
32	19-Nov-15	24	47					
33								
34								
35								
Coefficient of Variation:		**1.05**	**0.79**					
Mann-Kendall Statistic (S):		**200**	**-20**					
Confidence Factor:		**100.0%**	**95.5%**					
Concentration Trend:		Increasing	Decreasing					



Notes:

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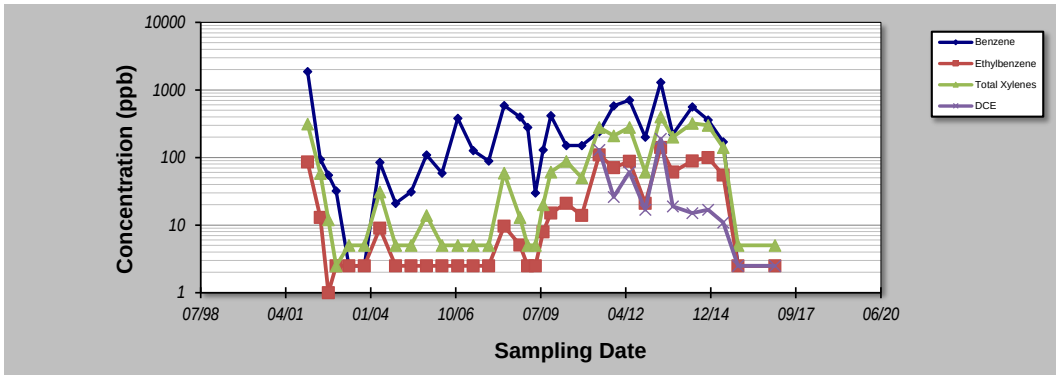
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **MW-17**
Constituent: **Benzene, Ethylbenzene, Total Xylenes, and DCE**
Concentration Units: **ppb**

Sampling Point ID:	Benzene	Ethylbenzene	Total Xylenes	DCE			
Sampling Event	Sampling Date	BENZENE, ETHYLBENZENE, TOTAL XYLENES, AND DCE CONCENTRATION (ppb)						
1	1-Jan-02	1870	86	312				
2	1-Jun-02	94	13	58				
3	1-Sep-02	55	*1*	12				
4	1-Dec-02	32.1	*2.5*	*2.5*				
5	1-May-03	*2.5*	*2.5*	*5*				
6	1-Nov-03	*2.5*	*2.5*	*5*				
7	1-May-04	85	9	31				
8	1-Nov-04	21	*2.5*	*5*				
9	1-May-05	31	*2.5*	*5*				
10	1-Nov-05	110	*2.5*	14				
11	1-May-06	59	*2.5*	*5*				
12	1-Nov-06	380	*2.5*	*5*				
13	1-May-07	127	*2.5*	*5*				
14	1-Nov-07	89	*2.5*	*5*				
15	1-May-08	590	9.7	59				
16	1-Nov-08	400	5.1	13				
17	1-Feb-09	280	*2.5*	*5*				
18	1-May-09	30	*2.5*	*5*				
19	1-Aug-09	130	7.9	20				
20	1-Nov-09	420	15	61				
21	1-May-10	150	21	87.5				
22	1-Nov-10	150	14	50				
23	24-May-11	240	110	280	130			
24	10-Nov-11	580	71	210	26			
25	14-May-12	710	88	280	61			
26	15-Nov-12	200	21	61	17			
27	14-May-13	1300	140	400	190			
28	7-Oct-13	220	61	200	19			
29	21-May-14	560	89	320	15			
30	24-Nov-14	360	100	300	17			
31	19-May-15	170	55	140	11			
32	12-Nov-15	*2.5*	*2.5*	*5*	*2.5*			
33	17-Jan-17	*2.5*	*2.5*	*5*	*2.5*			
34								
35								
Coefficient of Variation:		**1.38**	**1.38**	**1.35**	**1.36**			
Mann-Kendall Statistic (S):		**133**	**202**	**176**	**-39**			
Confidence Factor:		**98.0%**	**99.9%**	**99.7%**	**99.9%**			
Concentration Trend:		Increasing	Increasing	Increasing	Decreasing			



Notes:

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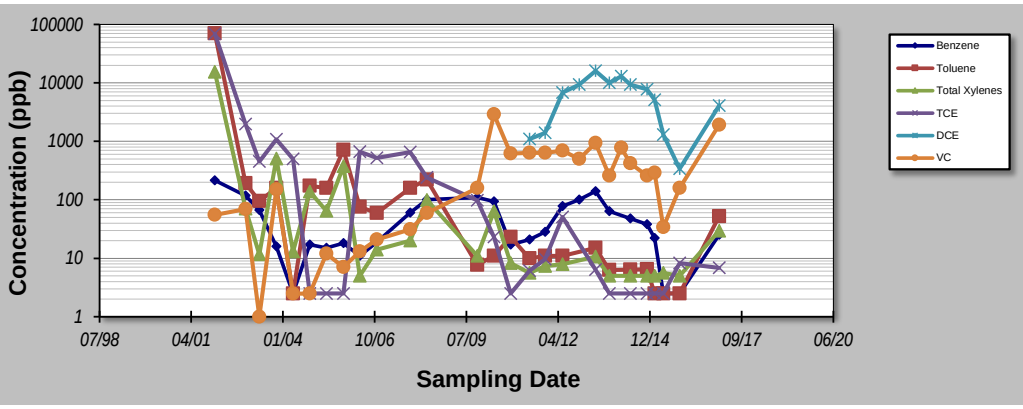
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **MW-21**
Constituent: **Benzene, Toluene, Total Xylenes, TCE, DCE, VC**
Concentration Units: **ppb**

Sampling Point ID:	Benzene	Toluene	Total Xylenes	TCE	DCE	VC	
Sampling Event	Sampling Date	BENZENE, TOLUENE, TOTAL XYLENES, TCE, DCE, VC CONCENTRATION (ppb)						
1	1-Jan-02	215	70200	15300	69400		55	
2	1-Dec-02	117	191	70.6	1960		69.4	
3	1-May-03	66.7	94.7	11.7	453		*1*	
4	1-Nov-03	16	160	507	1080		150	
5	1-May-04	*2.5*	*2.5*	13	500		*2.5*	
6	1-Nov-04	17	172	138	*2.5*		*2.5*	
7	1-May-05	15	158	65	*2.5*		12	
8	1-Nov-05	18	710	374	*2.5*		7	
9	1-May-06	11	76	*5*	660		13	
10	1-Nov-06	19	59	14	519		21	
11	1-Nov-07	60	160	20	650		31	
12	1-May-08	100	220	99	240		59	
13	1-Nov-09	110	7.7	11	98		160	
14	1-May-10	94	11	64	23		2900	
15	1-Nov-10	17	23	8.2	*2.5*		620	
16	24-May-11	21	9.9	5.6	6.1	1100	640	
17	9-Nov-11	28	11	7.4	9.6	1400	640	
18	16-May-12	78	11	7.9	51	6800	690	
19	15-Nov-12	100				9400	500	
20	14-May-13	140	15	10.6	6.4	16000	930	
21	8-Oct-13	64	6.3	*5*	*2.5*	10000	260	
22	19-Feb-14					13000	780	
23	29-May-14	48	6.4	*5*	*2.5*	9300	420	
24	25-Nov-14	38	6.5	*5*	*2.5*	7800	260	
25	18-Feb-15	22	*2.5*	*5*	*2.5*	5100	290	
26	21-May-15	*2.5*	*2.5*	5.6	*2.5*	1300	34	
27	16-Nov-15	*2.5*	*2.5*	*5*	8.2	340	160	
28	19-Jan-17	25	52	29.6	6.8	4100	1900	
29								
30								
Coefficient of Variation:		**0.96**	**4.94**	**4.63**	**4.66**	**0.75**	**1.55**	
Mann-Kendall Statistic (S):		**-14**	**-179**	**-173**	**-149**	**-14**	**172**	
Confidence Factor:		**60.6%**	**>99.9%**	**>99.9%**	**>99.9%**	**78.2%**	**>99.9%**	
Concentration Trend:		Stable	Decreasing	Decreasing	Decreasing	Stable	Increasing	



Notes:

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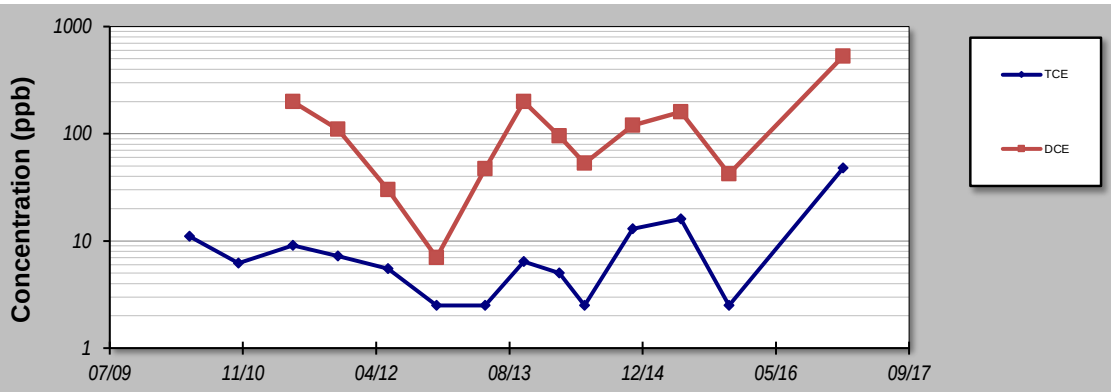
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-26
Facility Name:	LRM East Point	Constituent:	TCE and DCE
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	TCE	DCE					
Sampling Event	Sampling Date	TCE AND DCE CONCENTRATION (ppb)						
1	1-May-10	11						
2	1-Nov-10	6.2						
3	24-May-11	9.1	200					
4	10-Nov-11	7.2	110					
5	15-May-12	5.5	30					
6	14-Nov-12	*2.5*	7					
7	15-May-13	*2.5*	47					
8	7-Oct-13	6.4	200					
9	18-Feb-14	5	95					
10	23-May-14	*2.5*	53					
11	20-Nov-14	13	120					
12	19-May-15	16	160					
13	16-Nov-15	*2.5*	42					
14	18-Jan-17	48	530					
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.20	1.06					
Mann-Kendall Statistic (S):		-1	11					
Confidence Factor:		50.0%	74.9%					
Concentration Trend:		No Trend	No Trend					



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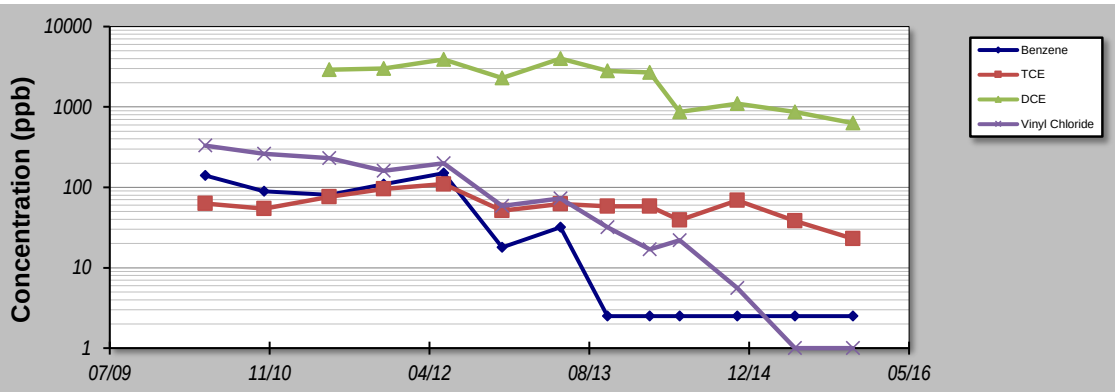
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-27
Facility Name:	LRM East Point	Constituent:	Benzene, TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	Benzene	TCE	DCE	Vinyl Chloride			
Sampling Event	Sampling Date	BENZENE, TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-May-10	140	63		330			
2	1-Nov-10	89	54		260			
3	24-May-11	81	76	2900	230			
4	10-Nov-11	110	95	3000	160			
5	15-May-12	150	110	3900	200			
6	14-Nov-12	18	51	2300	59			
7	16-May-13	32	62	4000	73			
8	10-Oct-13	*2.5*	58	2800	32			
9	19-Feb-14	*2.5*	58	2700	17			
10	23-May-14	*2.5*	39	870	22			
11	20-Nov-14	*2.5*	69	1100	5.6			
12	19-May-15	*2.5*	38	870	*1*			
13	16-Nov-15	*2.5*	23	630	*1*			
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.17	0.38	0.54	1.07			
Mann-Kendall Statistic (S):		-49	-33	-34	-71			
Confidence Factor:		99.9%	97.5%	99.6%	>99.9%			
Concentration Trend:		Decreasing	Decreasing	Decreasing	Decreasing			



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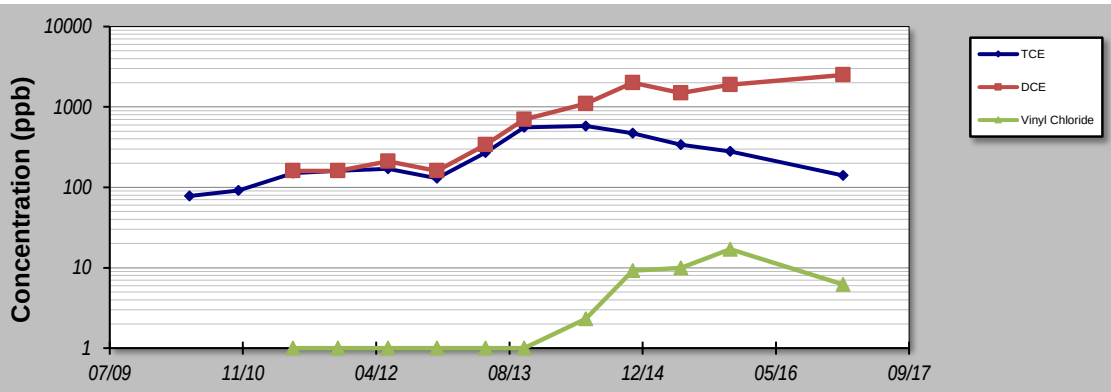
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-28
Facility Name:	LRM East Point	Constituent:	TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	TCE	DCE	Vinyl Chloride				

Sampling Event	Sampling Date	TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-May-10	78						
2	1-Nov-10	91						
3	24-May-11	150	160	*1*				
4	10-Nov-11	160	160	*1*				
5	16-May-12	170	210	*1*				
6	15-Nov-12	130	160	*1*				
7	16-May-13	270	340	*1*				
8	9-Oct-13	560	700	*1*				
9	28-May-14	580	1100	2.3				
10	20-Nov-14	470	2000	9.2				
11	19-May-15	340	1500	10				
12	20-Nov-15	280	1900	17				
13	18-Jan-17	140	2500	6.2				
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.66	0.89	1.17				
Mann-Kendall Statistic (S):		36	46	34				
Confidence Factor:		98.5%	>99.9%	99.6%				
Concentration Trend:		Increasing	Increasing	Increasing				



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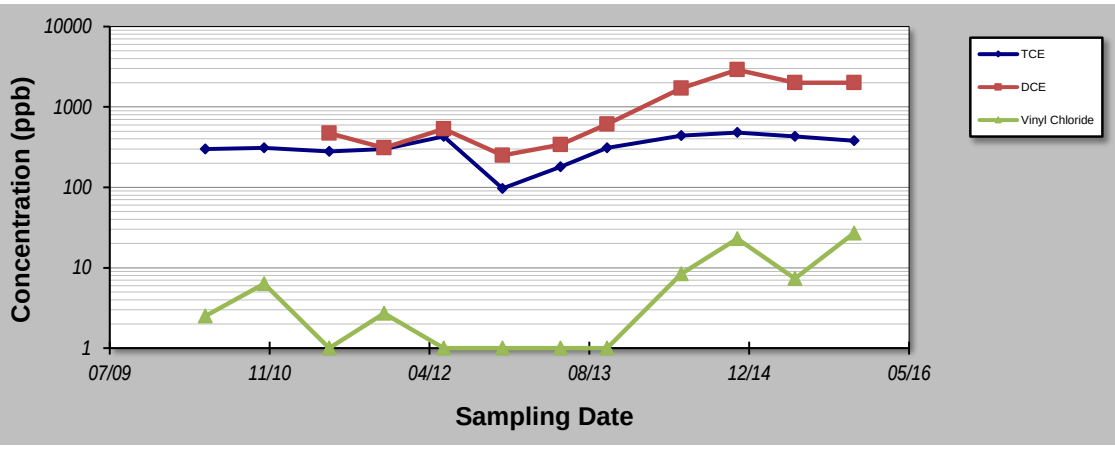
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-29
Facility Name:	LRM East Point	Constituent:	TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	TCE	DCE	Vinyl Chloride				
Sampling Event	Sampling Date	TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-May-10	300		*2.5*				
2	1-Nov-10	310		6.3				
3	24-May-11	280	470	*1*				
4	11-Nov-11	300	310	2.7				
5	16-May-12	430	530	*1*				
6	15-Nov-12	97	250	*1*				
7	16-May-13	180	340	*1*				
8	9-Oct-13	310	610	*1*				
9	28-May-14	440	1700	8.4				
10	20-Nov-14	480	2900	23				
11	19-May-15	430	2000	7.3				
12	20-Nov-15	380	2000	27				
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.34	0.85	1.30				
Mann-Kendall Statistic (S):		23	28	22				
Confidence Factor:		93.3%	99.4%	92.4%				
Concentration Trend:		Prob. Increasing	Increasing	Prob. Increasing				



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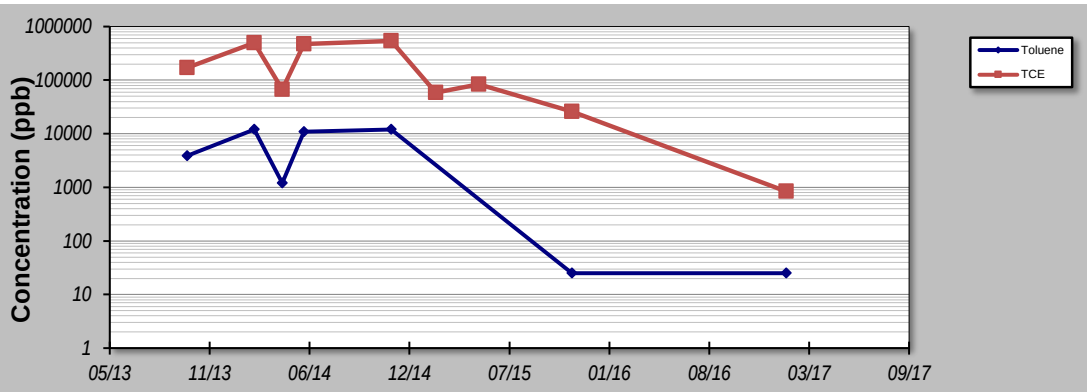
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-32
Facility Name:	LRM East Point	Constituent:	Toluene and TCE
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	Toluene	TCE					

Sampling Event	Sampling Date	TOLUENE AND TCE CONCENTRATION (ppb)						
1	8-Oct-13	3900	170000					
2	19-Feb-14	12000	500000					
3	16-Apr-14	1200	67000					
4	30-May-14	11000	470000					
5	20-Nov-14	12000	540000					
6	18-Feb-15		59000					
7	15-May-15		84000					
8	17-Nov-15	*25*	26000					
9	19-Jan-17	*25*	840					
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.99	1.05					
Mann-Kendall Statistic (S):		-7	-18					
Confidence Factor:		80.9%	96.2%					
Concentration Trend:		Stable	Decreasing					



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 8-Mar-17
Facility Name: LRM East Point
Conducted By: EPS, Inc.

Job ID: MW-33
Constituent: Ethylbenzene, Toluene, Total Xylenes, DCE, VC
Concentration Units: ppb

Sampling Point ID:	Ethylbenzene	Toluene	Total Xylenes	DCE	VC		
Sampling Event	Sampling Date	ETHYLBENZENE, TOLUENE, TOTAL XYLENES, DCE, VC CONCENTRATION (ppb)						
1	8-Oct-13	170	840	450	1100	350		
2	29-May-14	300	4700	1220	1700	4.4		
3	24-Nov-14	420	2000	1300	660	90		
4	21-May-15	290	12000	2030	4500	15		
5	16-Nov-15	7.2	*2.5*	*5*	28	18		
6								
7								
8								
9								
10								
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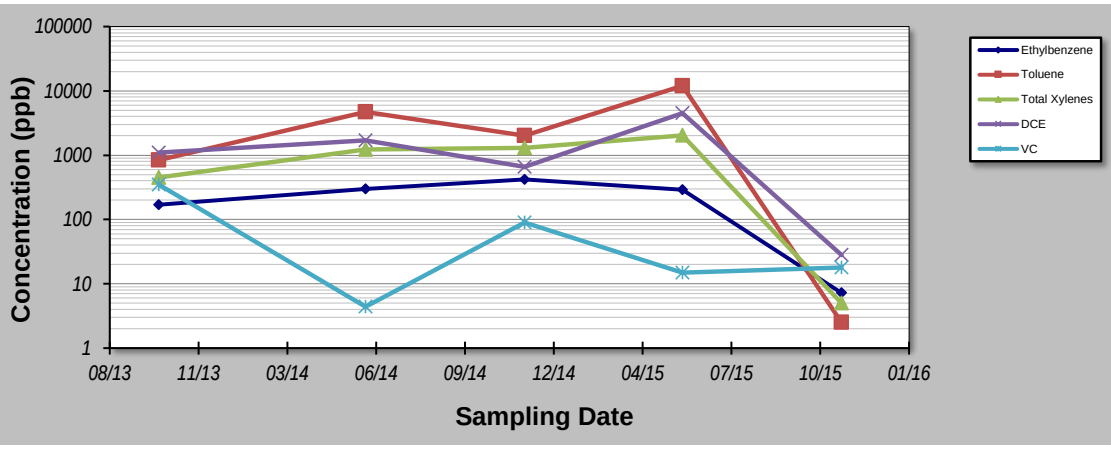
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.66	1.24	0.79	1.09	1.53		
Mann-Kendall Statistic (S):		-2	0	2	-2	-2		
Confidence Factor:		59.2%	40.8%	59.2%	59.2%	59.2%		
Concentration Trend:		Stable	No Trend	No Trend	No Trend	No Trend		



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
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GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-34
Facility Name:	LRM East Point	Constituent:	TCE
Conducted By:	EPS, Inc.	Concentration Units:	ppb
Sampling Point ID:	TCE		

Sampling Event	Sampling Date	TCE CONCENTRATION (ppb)
1	16-Apr-14	4900
2	24-Nov-14	400
3	18-Feb-15	160
4	21-May-15	120
5	16-Nov-15	94
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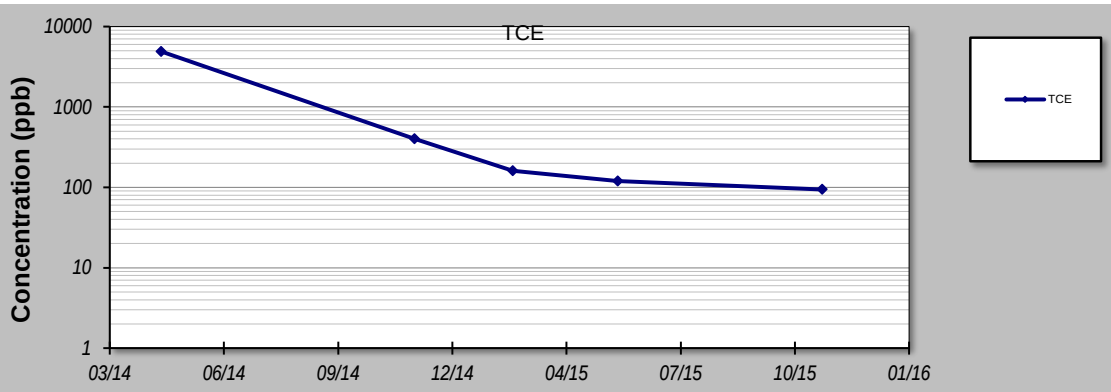
20		
Coefficient of Variation:		1.86
Mann-Kendall Statistic (S):		-10
Confidence Factor:		99.2%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-35
Facility Name:	LRM East Point	Constituent:	TCE
Conducted By:	EPS, Inc.	Concentration Units:	ppb
Sampling Point ID:	TCE		

Sampling Event	Sampling Date	TCE CONCENTRATION (ppb)
1	16-Apr-14	14000
2	24-Nov-14	69000
3	18-Feb-15	8400
4	21-May-15	12000
5	16-Nov-15	760
6		
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14		
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16		
17		
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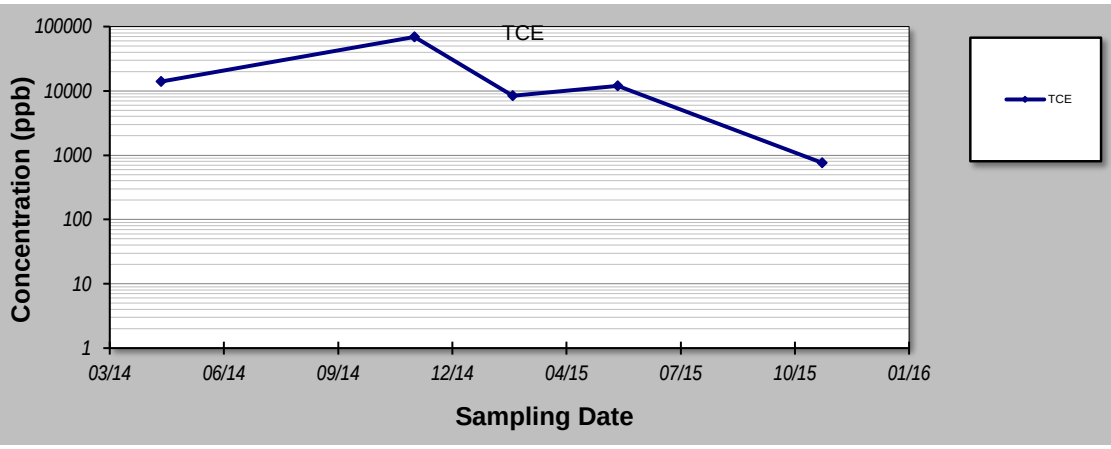
19		
20		
Coefficient of Variation:		1.32
Mann-Kendall Statistic (S):		-6
Confidence Factor:		88.3%
Concentration Trend:		No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-36
Facility Name:	LRM East Point	Constituent:	Toluene, TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	Toluene	TCE	DCE	Vinyl Chloride			
Sampling Event	Sampling Date	TOLUENE, TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	17-Apr-14	490	16000	1600				
2	20-Nov-14	51	5500	9600	10			
3	18-Feb-15	34	4800	9200	10			
4	15-May-15	65	330	18000	13			
5	17-Nov-15	56	1200	15000	78			
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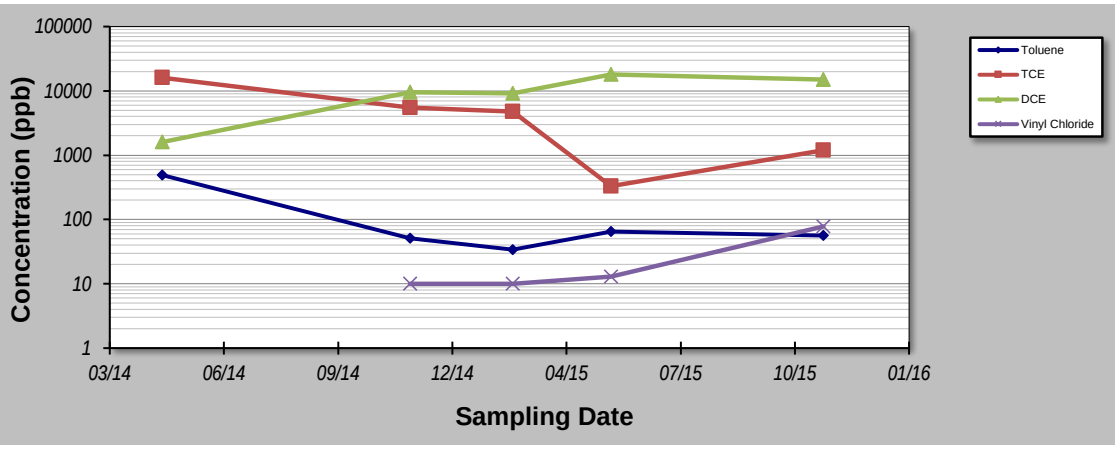
16								
17								
18								
19								
20								
Coefficient of Variation:		1.41	1.12	0.59	1.21			
Mann-Kendall Statistic (S):		-2	-8	6	5			
Confidence Factor:		59.2%	95.8%	88.3%	89.6%			
Concentration Trend:		No Trend	Decreasing	No Trend	No Trend			



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
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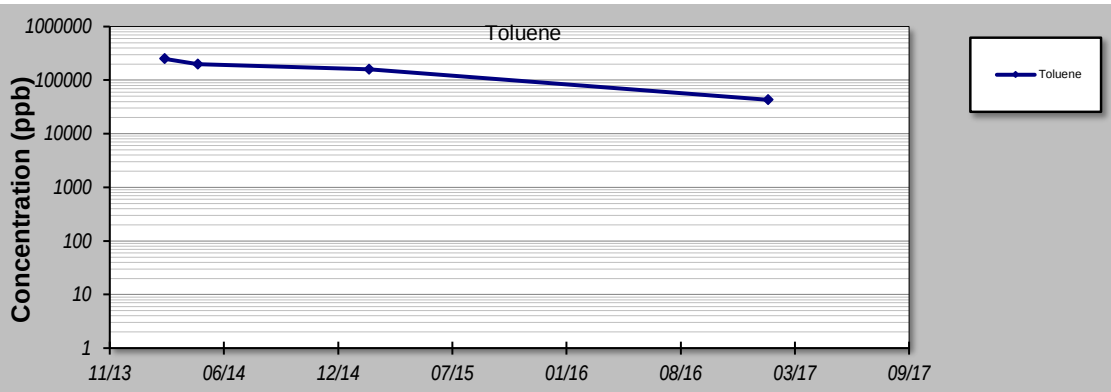
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	DPE-307
Facility Name:	LRM East Point	Constituent:	Toluene
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID: **Toluene**

Sampling Event	Sampling Date	TOLUENE CONCENTRATION (ppb)
1	26-Feb-14	250000
2	25-Apr-14	200000
3	19-Feb-15	160000
4	18-Jan-17	43000
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.54
Mann-Kendall Statistic (S):		-6
Confidence Factor:		95.8%
Concentration Trend:		Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
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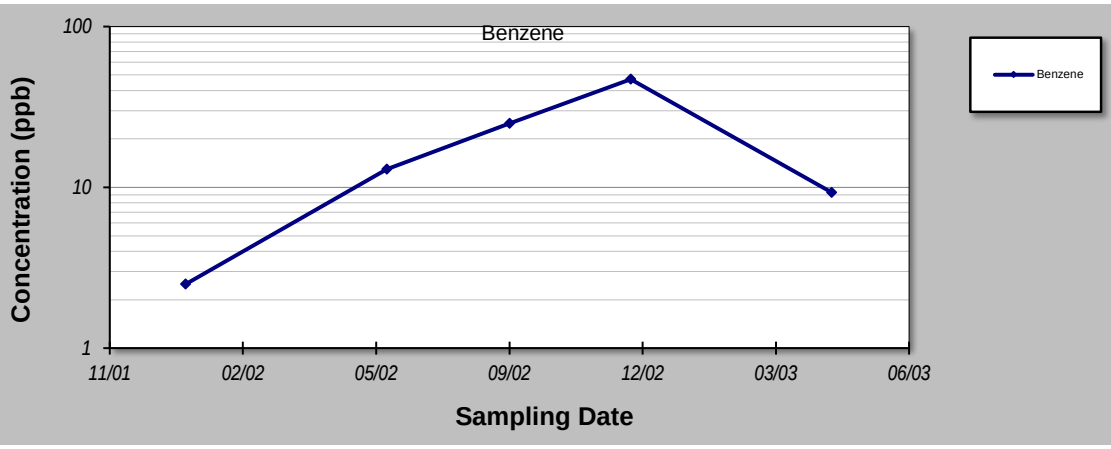
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	RW-01
Facility Name:	LRM East Point	Constituent:	Benzene
Conducted By:	EPS, Inc.	Concentration Units:	ppb
Sampling Point ID:	Benzene		

Sampling Event	Sampling Date	BENZENE CONCENTRATION (ppb)
1	1-Jan-02	*2.5*
2	1-Jun-02	13
3	1-Sep-02	25
4	1-Dec-02	47
5	1-May-03	9.3
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
Coefficient of Variation:		0.90
Mann-Kendall Statistic (S):		4
Confidence Factor:		75.8%
Concentration Trend:		No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
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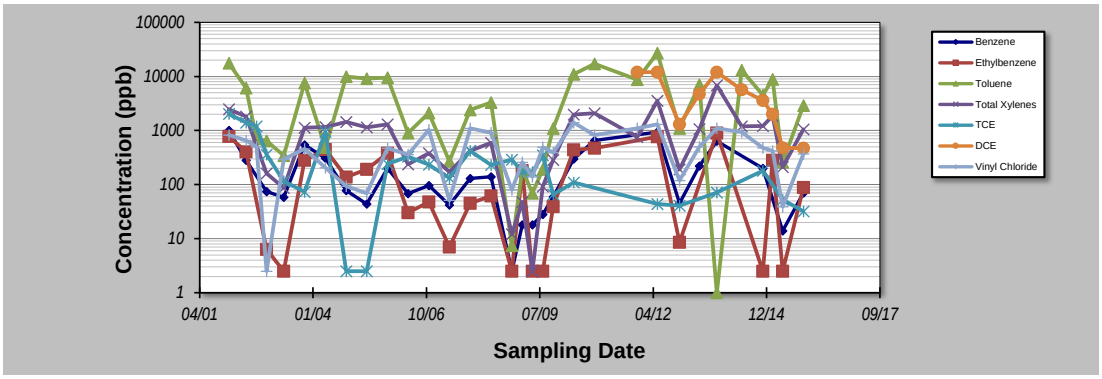
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **RW-02**
Constituent: **BTEX, TCE, DCE, and Vinyl Chloride**
Concentration Units: **ppb**

Sampling Point ID:	Benzene	Ethylbenzene	Toluene	Total Xylenes	TCE	DCE	Vinyl Chloride
Sampling Event	Sampling Date	BTEX, TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-Jan-02	1010	777	17500	2470	2030		828
2	1-Jun-02	280	400	6100	1800	1400		650
3	1-Sep-02			700		1200		500
4	1-Dec-02	74.1	6.3	642	160	360		*2.5*
5	1-May-03	57.9	*2.5*	344	87	116		293
6	1-Nov-03	540	280	7580	1132	73		460
7	1-May-04	306	447	487	1161	954		204
8	1-Nov-04	78	138	10000	1448	*2.5*		93
9	1-May-05	44	192	9080	1146	*2.5*		69
10	1-Nov-05	200	380	9500	1310	240		470
11	1-May-06	68	30	900	238	330		360
12	1-Nov-06	96	48	2120	379	233		1030
13	1-May-07	42	7	269	170	132		51
14	1-Nov-07	130	45	2400	420	420		1100
15	1-May-08	140	62	3300	590	230		910
16	1-Nov-08	*2.5*	*2.5*	7.4	12	290		80
17	1-Feb-09	18	180	190	48	170		260
18	1-May-09	18	*2.5*	69	*2.5*	170		140
19	1-Aug-09	28	*2.5*	190	92	350		490
20	1-Nov-09	59	39	1100	286	65		390
21	1-May-10	300	440	11000	1980	110		1400
22	1-Nov-10	650	470	17000	2100			820
23	11-Nov-11			8700	750		12000	1100
24	8-May-12	940	770	27000	3570	44	12000	1300
25	19-Nov-12	45	8.5	1100	191	41	1300	120
26	13-May-13	220		7000	1060		4700	500
27	14-Oct-13	640	900	*1*	6840	71	12000	1100
28	23-May-14			13000	1200		5700	940
29	25-Nov-14	200	*2.5*	4500	1210	180	3600	480
30	18-Feb-15		280	8900	1860		2000	420
31	18-May-15	14	*2.5*	260	210	53	480	39
32	17-Nov-15	70	88	2900	1050	32	470	370
33								
34								
35								
Coefficient of Variation:		**1.24**	**1.24**	**1.19**	**1.21**	**1.41**	**0.89**	**0.76**
Mann-Kendall Statistic (S):		**-34**	**-34**	**2**	**31**	**-155**	**-28**	**48**
Confidence Factor:		**74.1%**	**74.1%**	**50.6%**	**69.4%**	**100.0%**	**99.4%**	**77.6%**
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	Decreasing	Decreasing	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
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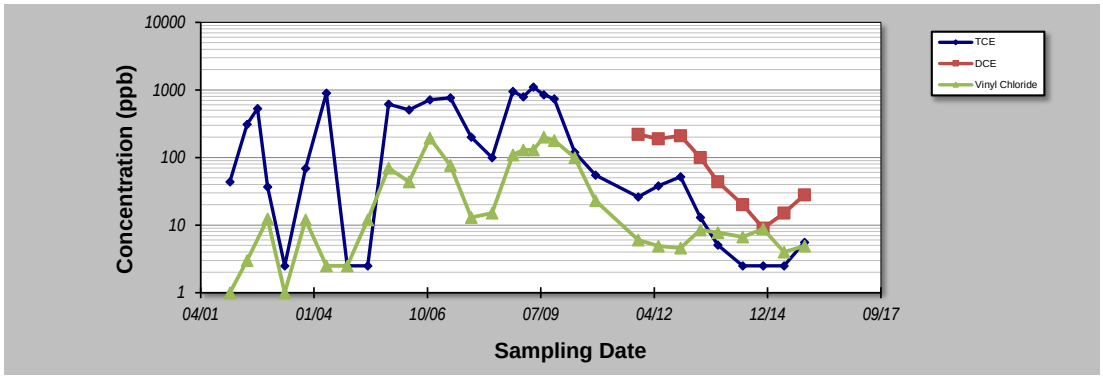
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: **8-Mar-17**
Facility Name: **LRM East Point**
Conducted By: **EPS, Inc.**

Job ID: **RW-03**
Constituent: **TCE, DCE, and Vinyl Chloride**
Concentration Units: **ppb**

Sampling Point ID:	TCE	DCE	Vinyl Chloride				
Sampling Event	Sampling Date	TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-Jan-02	44		*1*				
2	1-Jun-02	310		3				
3	1-Sep-02	530						
4	1-Dec-02	37		12.4				
5	1-May-03	*2.5*		*1*				
6	1-Nov-03	69		12				
7	1-May-04	895		*2.5*				
8	1-Nov-04	*2.5*		*2.5*				
9	1-May-05	*2.5*		12				
10	1-Nov-05	620		70				
11	1-May-06	510		44				
12	1-Nov-06	717		195				
13	1-May-07	766		77				
14	1-Nov-07	200		13				
15	1-May-08	100		15				
16	1-Nov-08	950		110				
17	1-Feb-09	790		130				
18	1-May-09	1100		130				
19	1-Aug-09	850		200				
20	1-Nov-09	740		180				
21	1-May-10	120		100				
22	1-Nov-10	55		23				
23	11-Nov-11	26	220	6				
24	8-May-12	38	190	4.9				
25	19-Nov-12	52	210	4.6				
26	13-May-13	13	100	8.5				
27	14-Oct-13	5.1	44	7.8				
28	23-May-14	*2.5*	20	6.7				
29	17-Nov-14	*2.5*	9	8.8				
30	20-May-15	*2.5*	15	4				
31	17-Nov-15	5.6	28	4.9				
32								
33								
34								
35								
Coefficient of Variation:		**1.19**	**0.97**	**1.37**				
Mann-Kendall Statistic (S):		**-102**	**-26**	**24**				
Confidence Factor:		**95.7%**	**99.7%**	**65.8%**				
Concentration Trend:		Decreasing	Decreasing	No Trend				



Notes:

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3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
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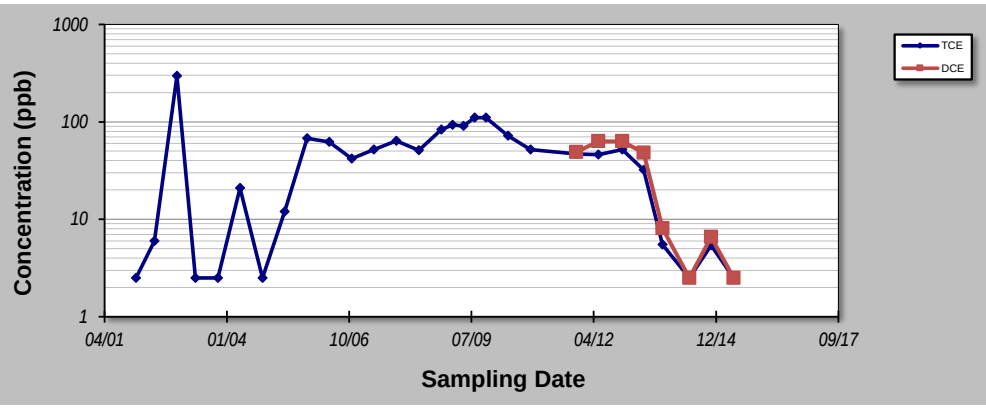
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	RW-04
Facility Name:	LRM East Point	Constituent:	TCE and DCE
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	TCE	DCE					
Sampling Event	Sampling Date	TCE AND DCE CONCENTRATION (ppb)						
1	1-Jan-02	*2.5*						
2	1-Jun-02	6						
3	1-Dec-02	296						
4	1-May-03	*2.5*						
5	1-Nov-03	*2.5*						
6	1-May-04	21						
7	1-Nov-04	*2.5*						
8	1-May-05	12						
9	1-Nov-05	68						
10	1-May-06	62						
11	1-Nov-06	42						
12	1-May-07	52						
13	1-Nov-07	64						
14	1-May-08	51						
15	1-Nov-08	83						
16	1-Feb-09	93						
17	1-May-09	91						
18	1-Aug-09	110						
19	1-Nov-09	110						
20	1-May-10	72						
21	1-Nov-10	52						
22	9-Nov-11	47	49					
23	8-May-12	46	63					
24	19-Nov-12	52	63					
25	13-May-13	32	48					
26	14-Oct-13	5.5	8.1					
27	23-May-14	*2.5*	*2.5*					
28	17-Nov-14	5.4	6.6					
29	20-May-15	*2.5*	*2.5*					
30								
Coefficient of Variation:		1.14	0.92					
Mann-Kendall Statistic (S):		7	-20					
Confidence Factor:		54.5%	99.3%					
Concentration Trend:		No Trend	Decreasing					



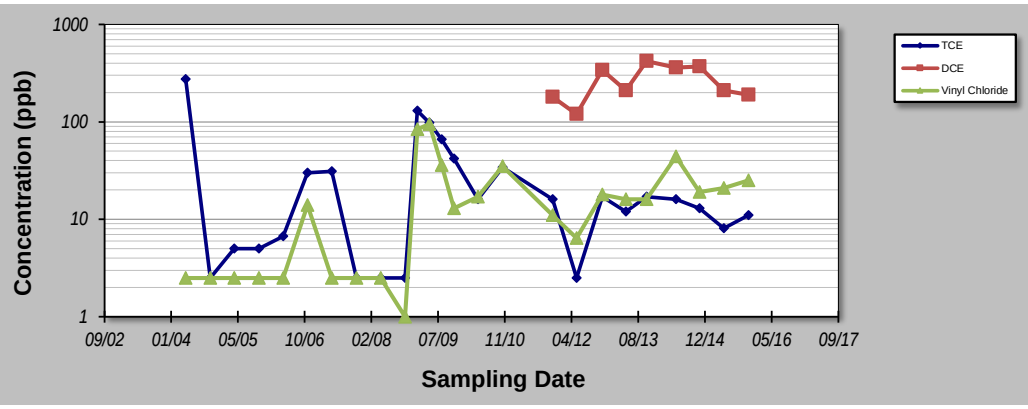
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	RW-06
Facility Name:	LRM East Point	Constituent:	TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	TCE	DCE	Vinyl Chloride				
Sampling Event	Sampling Date	TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	1-May-04	274		*2.5*				
2	1-Nov-04	*2.5*		*2.5*				
3	1-May-05	5		*2.5*				
4	1-Nov-05	5		*2.5*				
5	1-May-06	6.7		*2.5*				
6	1-Nov-06	30		14				
7	1-May-07	31		*2.5*				
8	1-Nov-07	*2.5*		*2.5*				
9	1-May-08	*2.5*		*2.5*				
10	1-Nov-08	*2.5*		*1*				
11	1-Feb-09	130		84				
12	1-May-09	98		95				
13	1-Aug-09	66		36				
14	1-Nov-09	42		13				
15	1-May-10	16		17				
16	1-Nov-10	34		35				
17	11-Nov-11	16	180	11				
18	8-May-12	*2.5*	120	6.4				
19	19-Nov-12	17	340	18				
20	13-May-13	12	210	16				
21	14-Oct-13	17	420	16				
22	23-May-14	16	360	44				
23	17-Nov-14	13	370	19				
24	18-May-15	8.1	210	21				
25	17-Nov-15	11	190	25				
26								
27								
28								
29								
30								
Coefficient of Variation:		1.71	0.40	1.23				
Mann-Kendall Statistic (S):		-9	7	127				
Confidence Factor:		57.3%	72.8%	99.9%				
Concentration Trend:		No Trend	No Trend	Increasing				



Notes:

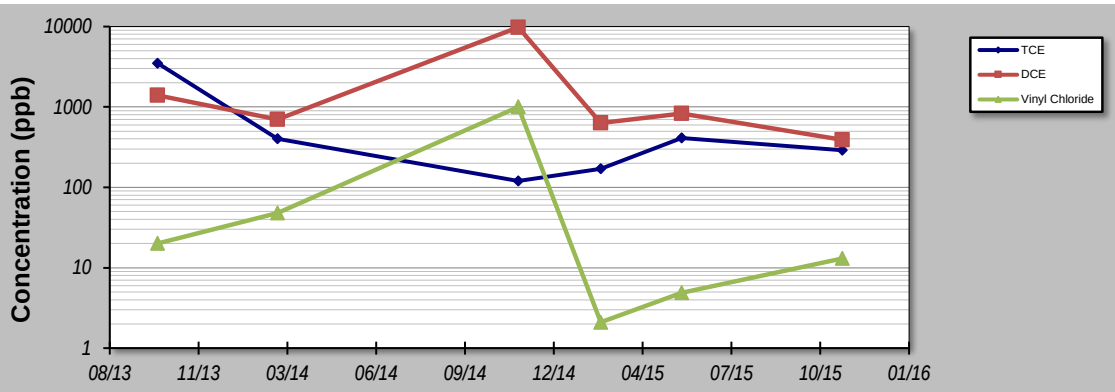
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	RW-08
Facility Name:	LRM East Point	Constituent:	TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	TCE	DCE	Vinyl Chloride				

Sampling Event	Sampling Date	TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	7-Oct-13	3500	1400	20				
2	19-Feb-14	400	700	48				
3	17-Nov-14	120	9800	1000				
4	18-Feb-15	170	630	2.1				
5	20-May-15	410	830	4.9				
6	17-Nov-15	290	390	13				
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.62	1.61	2.21				
Mann-Kendall Statistic (S):		-3	-7	-3				
Confidence Factor:		64.0%	86.4%	64.0%				
Concentration Trend:		No Trend	No Trend	No Trend				



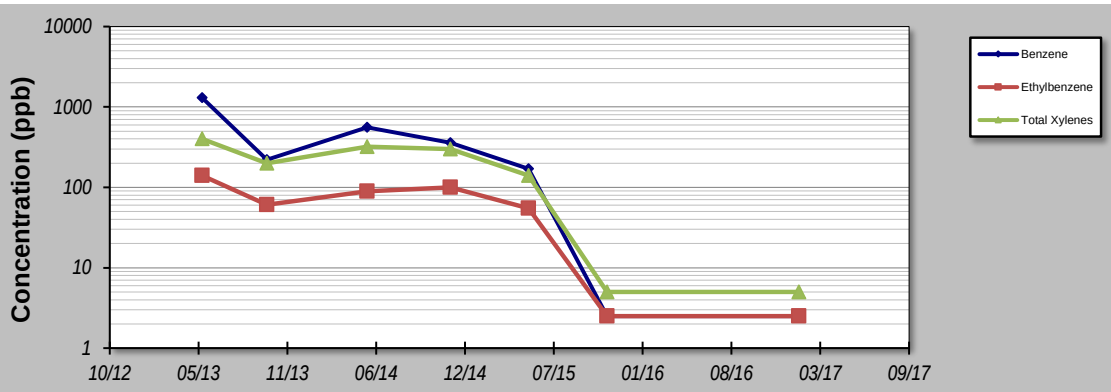
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-17 since May 2013 (7 data sets)
Facility Name:	LRM East Point	Constituent:	Benzene, Ethylbenzene, Total Xylenes, and DCE
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	Benzene	Ethylbenzene	Total Xylenes				
Sampling Event	Sampling Date	BENZENE, ETHYLBENZENE, TOTAL XYLENES, AND DCE CONCENTRATION (ppb)						
1	14-May-13	1300	140	400				
2	7-Oct-13	220	61	200				
3	21-May-14	560	89	320				
4	24-Nov-14	360	100	300				
5	19-May-15	170	55	140				
6	12-Nov-15	*2.5*	*2.5*	*5*				
7	17-Jan-17	*2.5*	*2.5*	*5*				
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.21	0.79	0.79				
Mann-Kendall Statistic (S):		-16	-14	-16				
Confidence Factor:		99.0%	97.5%	99.0%				
Concentration Trend:		Decreasing	Decreasing	Decreasing				



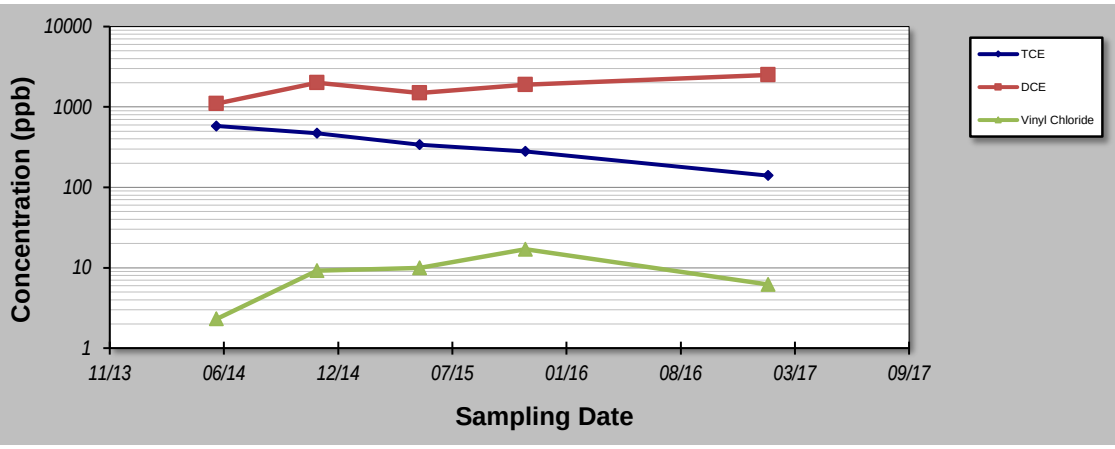
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-28 since May 2014 (5 data sets)
Facility Name:	LRM East Point	Constituent:	TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	TCE	DCE	Vinyl Chloride				
Sampling Event	Sampling Date	TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	28-May-14	580	1100	2.3				
2	20-Nov-14	470	2000	9.2				
3	19-May-15	340	1500	10				
4	20-Nov-15	280	1900	17				
5	18-Jan-17	140	2500	6.2				
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.47	0.29	0.61				
Mann-Kendall Statistic (S):		-10	6	4				
Confidence Factor:		99.2%	88.3%	75.8%				
Concentration Trend:		Decreasing	No Trend	No Trend				



Notes:

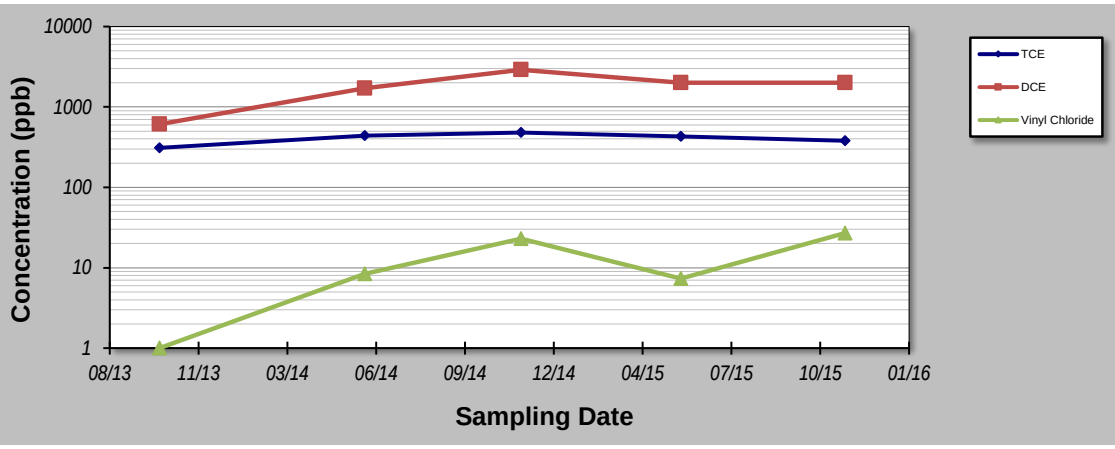
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-29 since October 2013 (5 data sets)
Facility Name:	LRM East Point	Constituent:	TCE, DCE, and Vinyl Chloride
Conducted By:	EPS, Inc.	Concentration Units:	ppb

Sampling Point ID:	TCE	DCE	Vinyl Chloride				

Sampling Event	Sampling Date	TCE, DCE, AND VINYL CHLORIDE CONCENTRATION (ppb)						
1	9-Oct-13	310	610	*1*				
2	28-May-14	440	1700	8.4				
3	20-Nov-14	480	2900	23				
4	19-May-15	430	2000	7.3				
5	20-Nov-15	380	2000	27				
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.16	0.45	0.83				
Mann-Kendall Statistic (S):		0	5	6				
Confidence Factor:		40.8%	82.1%	88.3%				
Concentration Trend:		Stable	No Trend	No Trend				



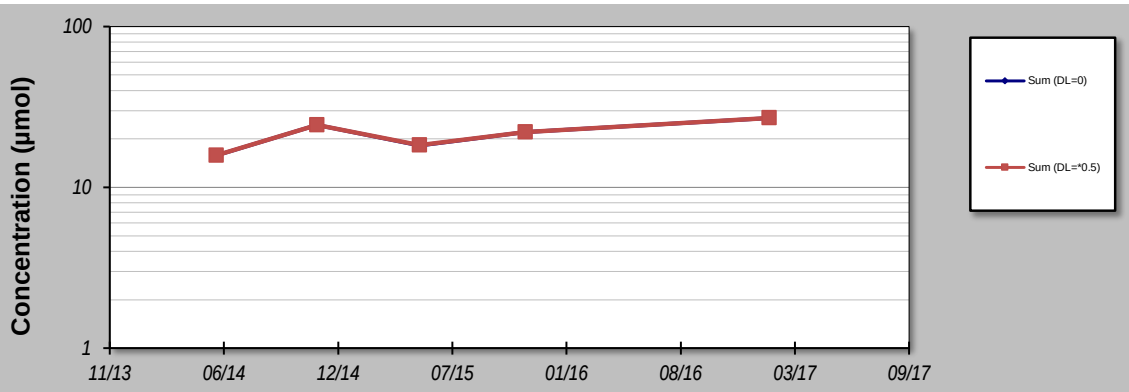
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Calculations involving non-detects use half of the value of the detection limit and are presented in black italics in the data table. Where half of the detection limit is higher than one or more of the detected values for that constituent, the data point was disregarded from the calculation.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	8-Mar-17	Job ID:	MW-28
Facility Name:	LRM East Point	Constituent:	Molar Concentration of Chlorinated Solvents
Conducted By:	EPS, Inc.	Concentration Units:	µmol

Sampling Point ID:	Sum (DL=0)	Sum (DL=*0.5)					
Sampling Event	Sampling Date	MOLAR CONCENTRATION OF CHLORINATED SOLVENTS CONCENTRATION (µmol)					
1	28-May-14	15.80442194	15.83457875				
2	20-Nov-14	24.36537885	24.39553566				
3	19-May-15	18.22850826	18.25866508				
4	20-Nov-15	22.01177009	22.0419269				
5	20-Jan-17	26.96492761	26.99508442				
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		0.21	0.21				
Mann-Kendall Statistic (S):		6	6				
Confidence Factor:		88.3%	88.3%				
Concentration Trend:		No Trend	No Trend				



Notes:

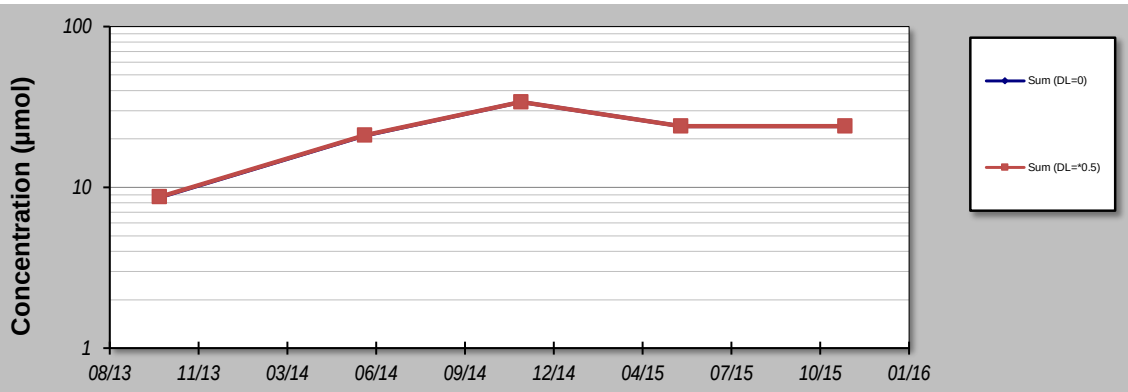
1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Sum of the molar mass of chlorinated solvents include PCE, TCE, cis-1,2-DCE, and vinyl chloride. Zero values are not plotted.
5. "DL=0" - calculations performed setting non-detects to zero; "DL=*0.5" - calculations performed setting non-detects to half of their detection limit.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date: 8-Mar-17
Facility Name: LRM East Point
Conducted By: EPS, Inc.

Job ID: MW-29
Constituent: Molar Concentration of Chlorinated Solvents
Concentration Units: µmol

Sampling Point ID:	Sum (DL=0)	Sum (DL=*0.5)					
Sampling Event	Sampling Date	MOLAR CONCENTRATION OF CHLORINATED SOLVENTS CONCENTRATION (µmol)					
1	9-Oct-13	8.655256224	8.71743866				
2	28-May-14	21.02819595	21.05835277				
3	20-Nov-14	33.9504138	33.98057061				
4	19-May-15	24.03042463	24.06058145				
5	20-Nov-15	23.96521464	23.99537145				
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		0.41	0.41				
Mann-Kendall Statistic (S):		4	4				
Confidence Factor:		75.8%	75.8%				
Concentration Trend:		No Trend	No Trend				



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.
4. Sum of the molar mass of chlorinated solvents include PCE, TCE, cis-1,2-DCE, and vinyl chloride. Zero values are not plotted.
5. "DL=0" - calculations performed setting non-detects to zero; "DL=*0.5" - calculations performed setting non-detects to half of their detection limit.

APPENDIX L
Soil Delineation

ARCADIS
Infrastructure · Water · Environment · Buildings

Imagine the result

Lafarge Road Marking, Inc.

Voluntary Investigation and Remediation Plan – Semiannual Progress Report #1

Former Lafarge Road Marking, Inc.
2675 North Martin Street, East Point, Georgia

April 30, 2015

were collected in accordance with USEPA Method 5035 as outlined in USEPA SESD Soil Sampling Procedure SESDPROC-300-R0 guidance.

8.2.2 Soil Sampling Results

The results of the soil investigation indicated that delineation is complete with the exception of one soil sample beneath the warehouse (SB-148), which marginally exceeds the delineation standard. Ethylbenzene was detected from the 1- to 3-foot interval at 89 mg/kg, exceeding the Type 1/2 RRS of 30 mg/kg. A comparison of the January 2015 soil analytical results and historical soil analytical results to the Type1/2 and Type 4 RRSs is shown on **Figures 7A** and **7B**. The OVA-FID readings as well as the lithologic descriptions are summarized on boring logs presented as **Appendix I**.

Based on the results of the January 2015 soil investigation, additional soil borings are required to completely delineate soil impacts above the Type 1/2 RRSs. The additional soil investigation will be conducted in the second quarter of 2015, and the results presented in VRP Progress Report #2.

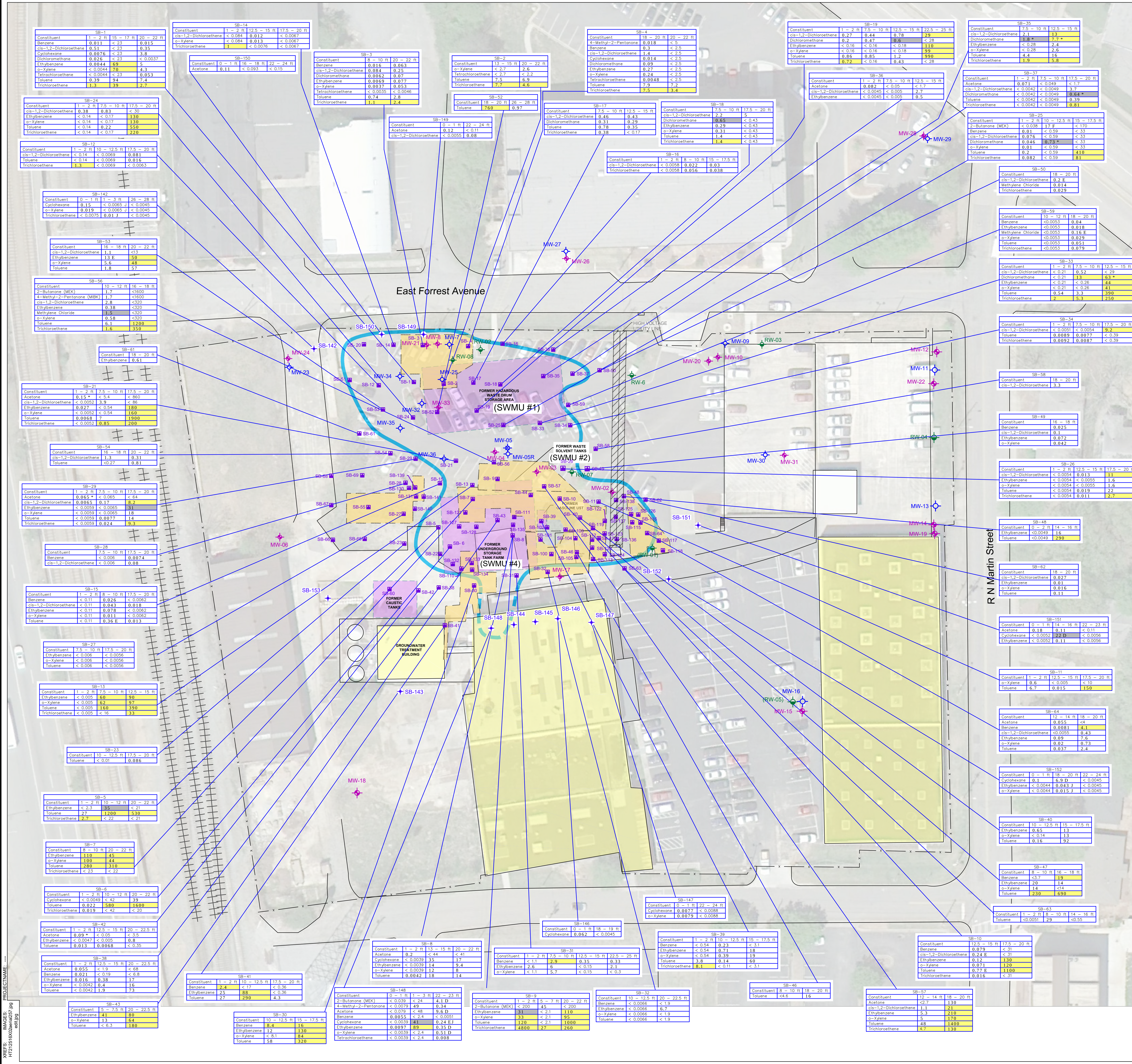
8.3 AS/SVE/DPE Remediation System Operation

8.3.1 Vapor Treatment System Modification

Based on the estimate of remaining mass in the subsurface and an evaluation of costs for vapor treatment, an alternate technology (C3 Technology) was selected. The C3 Technology is a combination of compression, cooling, and condensation processes, with a proprietary regenerative adsorption technology that efficiently recovers VOCs from the SVE vapor stream. The chemical is recovered as a non-aqueous phase liquid that is temporarily containerized in a chemical tank for recycling or proper disposal. Generally, greater than 99.98 percent of the VOCs are recovered from the vapor stream, which exceeds the target of 95 percent of the recovered mass. In addition, prior to discharging the vapor to the atmosphere, the vapor stream is polished with the existing on-site GAC. The system started operation on October 13, 2014, with only the SVE system, and the AS system was restarted on October 21, 2014. Based on the two post-treatment vapor samples collected with the AS/SVE system operating (October 21 and 22, 2014), there were no detections of VOCs in the vapor stream being discharged to the atmosphere. The laboratory analytical data are summarized in **Table 5**, and the laboratory analytical reports are included as **Appendix C**.

	TYPE 1 RRS	TYPE 4 RRS
Volatile Organics	(mg/kg)	(mg/kg)
Acetone	400	400
Benzene	0.5	0.5
Carbon Tetrachloride	0.5	0.5
Chlorobenzene	10	10
Chloroform	1	1.3
Cyclohexane	74	368
1,1-Dichloroethene	0.71	3.7
cis-1,2-Dichloroethene	7	7
trans-1,2-Dichloroethene	10	12
Ethylbenzene	30	38
2-Butanone	200	200
4-Methyl-2-pentanone	200	200
Methylene Chloride	0.5	2.3
Tetrachloroethene	0.5	0.89
Toluene	100	100
1,1,1-Trichloroethane	20	98
1,1,2-Trichloroethane	0.5	0.8
Trichloroethene	0.5	0.5
Trichlorofluoromethane	68	71
Vinyl Chloride	0.0002	0.00025
o-Xylene	20	20
m,p-Xylene	20	20
Xylenes (total)	340	354
Semivolatile Organics		
2-Methylphenol	13	83
4-Methylphenol	26	160

NOTE: ONLY RESULTS GREATER THAN THE TYPE 1 RRS ARE SHOWN.



LEGEND:

SWMU SOLID WASTE MANAGEMENT UNIT

(RW-1) RECOVERY WELL NOT IN SERVICE

MONITORING WELL (SHALLOW)

MONITORING WELL (DEEP)

RECOVERY WELL

DPE WELL

ABANDONED OR DESTROYED

SOIL BORING LOCATION

FENCE

RAILROAD TRACKS

HISTORICAL FEATURES

BUILDING/STRUCTURE

ESTIMATED EXTENT OF EXCAVATION

(mg/kg) MILLIGRAMS PER KILOGRAM

J ESTIMATED VALUE

ND NOT DETECTED

TYPE 2 RRS ISOCONCENTRATION CONTOUR

50' 0 50'

Approximate Scale: 1"=50'

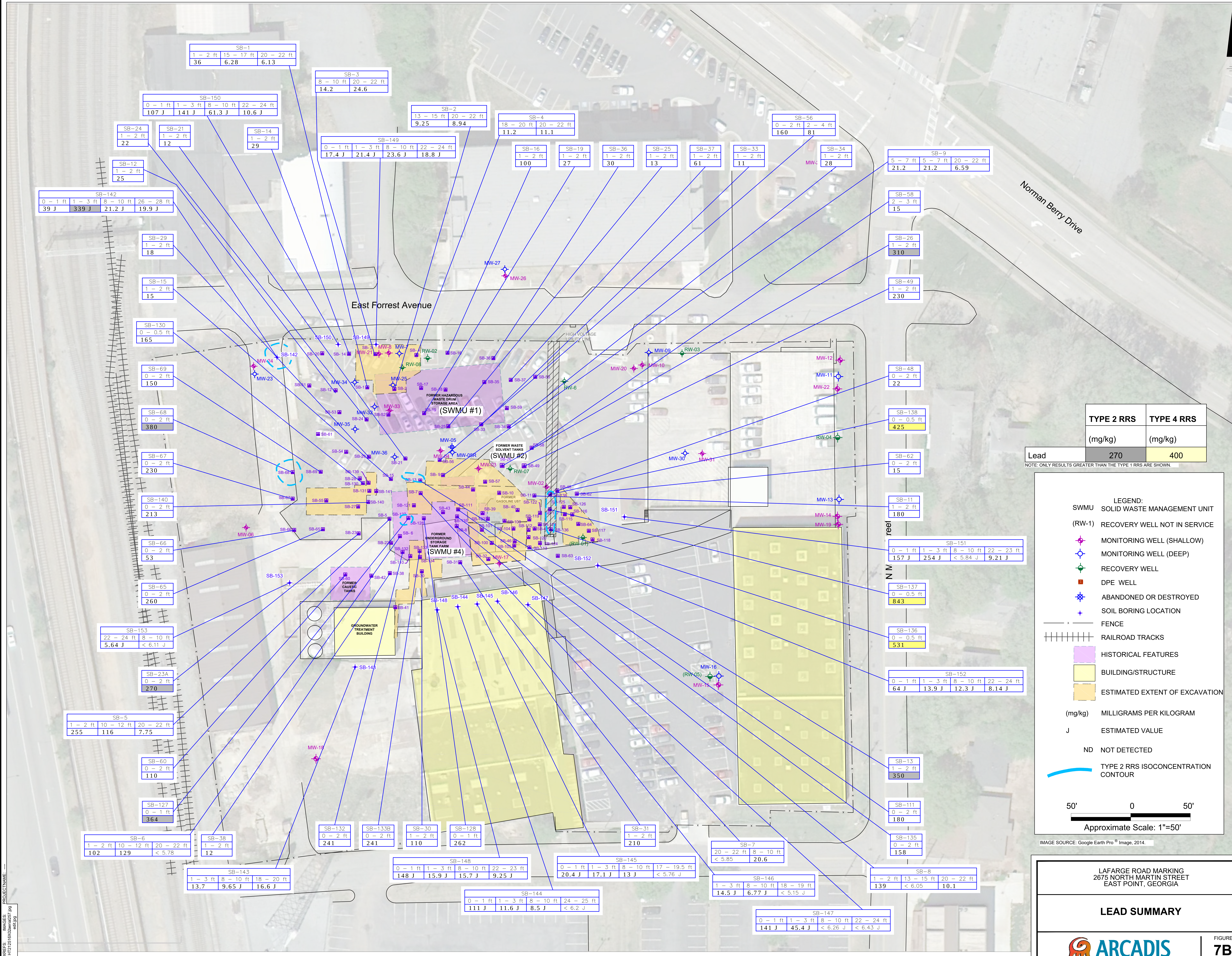
IMAGE SOURCE: Google Earth Pro ® Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA

SOIL ANALYTICAL SUMMARY - ORGANICS

ARCADIS

FIGURE 7A



	TYPE 2 RRS	TYPE 4 RRS
	(mg/kg)	(mg/kg)
Lead	270	400

NOTE: ONLY RESULTS GREATER THAN THE TYPE 1 RRS ARE SHOWN.

LEGEND:
- SWMU — SOLID WASTE MANAGEMENT UNIT
- (RW-1) — RECOVERY WELL NOT IN SERVICE
- MONITORING WELL (SHALLOW)
- MONITORING WELL (DEEP)
- RECOVERY WELL
- DPE WELL
- ABANDONED OR DESTROYED
- SOIL BORING LOCATION
- FENCE
- RAILROAD TRACKS
- HISTORICAL FEATURES
- BUILDING/STRUCTURE
- ESTIMATED EXTENT OF EXCAVATION
- (mg/kg) — MILLIGRAMS PER KILOGRAM
- J — ESTIMATED VALUE
- ND — NOT DETECTED
- TYPE 2 RRS ISOCONCENTRATION CONTOUR

50' 0 50'
Approximate Scale: 1"=50'

IMAGE SOURCE: Google Earth Pro ® Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA

LEAD SUMMARY

ARCADIS

FIGURE
7B

ARCADIS
Infrastructure · Water · Environment · Buildings

Imagine the result

Lafarge Road Marking, Inc.

Voluntary Investigation and Remediation Plan – Semiannual Progress Report #2

Former Lafarge Road Marking, Inc.
2675 North Martin Street, East Point, Georgia

October 30, 2015

4.2.1 Soil Sampling Methodology

Samples from each of the soil borings were collected via a stainless-steel decontaminated hand auger from the ground surface to the termination depth, up to 7 feet bgs. Soil samples were collected from 0 to 1 foot bgs, and then in 2-foot intervals from 1 foot bgs to the bottom of the boring. As the boring was advanced, soil was screened with an organic vapor analyzer equipped with a flame ionization detector (OVA-FID) to assess concentrations of VOCs in the field. The lithology for each location was logged in accordance with ASTM International (ASTM) D2488. Confirmation soil samples from each interval were submitted for laboratory analysis.

Soil samples were placed in laboratory-supplied containers and stored in sealed, ice-filled coolers. The samples were delivered to Analytical Environmental Services, Inc. Laboratory (AES) under appropriate preservation and chain-of-custody procedures. Soil samples for lead analysis by USEPA Method E200.7 were collected in accordance with USEPA Method 5035 as outlined in USEPA SESD Soil Sampling Procedure SESDPROC-300-R0 guidance.

4.2.2 Soil Sampling Results

The results of the most recent soil investigation indicate that delineation of lead is complete. The delineation of organics is also complete as presented in Progress Report #1; however, one soil sample collected from beneath the warehouse (SB-148) marginally exceeded the delineation standard. Ethylbenzene was detected at a concentration of 89 milligrams per kilogram (mg/kg) in a sample collected from 1 to 3 feet bgs, exceeding the Type 1/2 RRS of 30 mg/kg. A SVE well (SVE-321) was installed in SB-148 and connected to the AS/SVE/DPE system in March 2015.

A comparison of the soil analytical results to the Type 1/2 and Type 4 RRSs for lead is shown on **Figure 5**. The OVA-FID readings and the lithologic descriptions from the most recent soil investigation are summarized on boring logs presented as **Appendix D**. A comparison of the soil analytical results to the Type 2 and Type 4 RRSs for organics and lead is summarized in **Table 4a** and **Table 4b**, respectively.

4.3 Well Survey

In July 2015, Arcadis performed a well survey to determine if any public or private drinking water sources could be affected as a result of the groundwater impacts at the site. Data sources included an Environmental Data Resources, Inc. (EDR) database

recovery and treatment system. Thus, the AS/SVE system will be used to complete the remedial objectives.

5. Conceptual Site Model

Geologic investigations were performed at the site as early as 1986 to identify potential source areas of regulated substances and to provide delineation of impacts in soil and groundwater. The following is a summary of the results of those investigations (additional details are presented in Progress Report #1):

- The ground surface elevation at the site ranges from a high of 1,080 feet above mean sea level (amsl) along the southwestern perimeter to 1,020 feet amsl in the northeastern corner;
- The upper 20 to 40 feet consists of residual soil (saprolite, micaceous sandy silt, and silty sand);
- Saprolite is underlain by 5 to 25 feet of partially weathered rock; and
- The partially weathered rock is underlain by more than 150 feet of variably fractured competent granitic gneiss and amphibolite.

Soil delineation for organics and inorganics is complete. Groundwater impacts are delineated on the northwestern, southwestern, and southeastern portions of the site; however, additional groundwater delineation is needed downgradient of the site. Geologic cross-sections have been prepared to illustrate the current subsurface conditions at the site. The figure illustrating the locations of the cross-sections relative to existing monitoring wells is included as **Figure 7a**. The geologic cross-section for subsurface conditions parallel to groundwater flow, A-A', is provided as **Figure 7b**. A cross-section prepared perpendicular to groundwater flow, B-B', is provided as **Figure 7c**.

5.1 Delineation Status

5.1.1 Soil

Additional soil delineation activities were performed in April and July 2015 as described in Section 4.2. Organics and inorganics are delineated on site laterally to Type 2 RRSs and vertically to Type 2 RRSs or the groundwater table.

SB-1		
1 – 2 ft	15 – 17 ft	20 – 22 ft
36	6.28	6.13

SB-3	
8 – 10 ft	20 – 22 ft
14.2	24.6

SB-150			
0 – 1 ft	1 – 3 ft	8 – 10 ft	22 – 24 ft
107 J	141 J	61.3 J	10.6 J

SB-2	
13 – 15 ft	20 – 22 ft
9.25	8.94

SB-4	
18 – 20 ft	20 – 22 ft
11.2	11.1

SB-56	
0 – 2 ft	2 – 4 ft
160	81

SB-24
1 – 2 ft
22

SB-21
1 – 2 ft
12

SB-14
1 – 2 ft
29

SB-149			
0 – 1 ft	1 – 3 ft	8 – 10 ft	22 – 24 ft
17.4 J	21.4 J	23.6 J	18.8 J

SB-16
1 – 2 ft
100

SB-19
1 – 2 ft
27

SB-36
1 – 2 ft
30

SB-25
1 – 2 ft
13

SB-37
1 – 2 ft
61

SB-33
1 – 2 ft
11

SB-34
1 – 2 ft
20

SB-9		
5 – 7 ft	5 – 7 ft	20 – 22 ft
21.2	21.2	6.59

SB-12
1 – 2 ft
25

SB-154		
0 – 1 ft	1 – 3 ft	3 – 5 ft
193	125	20.2

SB-142			
0 – 1 ft	1 – 3 ft	8 – 10 ft	26 – 28 ft
39 J	339 J	21.2 J	19.9 J

SB-58
2 – 3 ft
15

SB-29
1 – 2 ft
18

SB-26
1 – 2 ft
310

SB-15
1 – 2 ft
15

SB-155		
0 – 1 ft	1 – 3 ft	3 – 5 ft
83.5	336	125

SB-49
1 – 2 ft
230

SB-157		
0 – 1 ft	1 – 3 ft	3 – 5 ft
53.6	10.6	9.1

SB-130
0 – 0.5 ft
165

SB-159			
0 – 1 ft	1 – 3 ft	3 – 5 ft	5 – 7 ft
118	29	40	15.8

SB-69
0 – 2 ft
150

SB-48
0 – 2 ft
22

SB-68
0 – 2 ft
380

SB-138
0 – 0.5 ft
425

SB-156 CONFIRM			
0 – 1 ft	1 – 3 ft	3 – 5 ft	5 – 7 ft
193	378	1,130	23.5

SB-156		
0 – 1 ft	1 – 3 ft	3 – 5 ft
275	471	534

SB-67
0 – 2 ft
230

SB-62
0 – 2 ft
15

SB-158			
0 – 1 ft	1 – 3 ft	3 – 5 ft	5 – 7 ft
18	57	234	17.9

SB-140
0 – 2 ft
213

SB-11
1 – 2 ft
180

SB-66
0 – 2 ft
53

SB-151			
0 – 1 ft	1 – 3 ft	8 – 10 ft	22 – 23 ft
157 J	254 J	< 5.84 J	9.21 J

SB-65
0 – 2 ft
260

SB-137
0 – 0.5 ft
843

SB-153	
8 – 10 ft	22 – 24 ft
< 6.11 J	5.64 J

SB-136
0 – 0.5 ft
531

SB-152			
0 – 1 ft	1 – 3 ft	8 – 10 ft	22 – 24 ft
64 J	13.9 J	12.3 J	8.14 J

SB-23A
0 – 2 ft
270

SB-5		
1 – 2 ft	10 – 12 ft	20 – 22 ft
255	116	7.75

SB-13
1 – 2 ft
350

SB-60
0 – 2 ft
110

SB-111
0 – 2 ft
180

SB-127
0 – 1 ft
364

SB-6		
1 – 2 ft	10 – 12 ft	20 – 22 ft
102	129	< 5.78

SB-38
1 – 2 ft
12

SB-132
0 – 2 ft
241

SB-133B
0 – 2 ft
241

SB-30
1 – 2 ft
110

SB-128
0 – 1 ft
262

SB-31
1 – 2 ft
210

SB-7	
8 – 10 ft	20 – 22 ft
20.6	< 5.85

SB-135
0 – 2 ft
158

SB-143		
1 – 3 ft	8 – 10 ft	18 – 20 ft
13.7	9.65 J	16.6 J

SB-148			
0 – 1 ft	1 – 3 ft	8 – 10 ft	22 – 23 ft
148 J	15.9 J	15.7 J	9.25 J

SB-145			
0 – 1 ft	1 – 3 ft	8 – 10 ft	17 – 19.5 ft
20.4 J	17.1 J	13 J	< 5.76 J

SB-146		
1 – 3 ft	8 – 10 ft	18 – 19 ft
14.5 J	6.77 J	< 5.15 J

SB-8		
1 – 2 ft	13 – 15 ft	20 – 22 ft
139	< 6.05	10.1

SB-144			
0 – 1 ft	1 – 3 ft	8 – 10 ft	24 – 25 ft
111 J	11.6 J	8.5 J	< 6.2 J

SB-147			
0 – 1 ft	1 – 3 ft	8 – 10 ft	22 – 24 ft
141 J	45.4 J	< 6.26 J	< 6.43 J

	TYPE 2 RRS	TYPE 4 RRS
	(mg/kg)	(mg/kg)
Lead	270	400

NOTE: ONLY RESULTS GREATER THAN THE TYPE 1 RRS ARE SHOWN.

LEGEND:

- SWMU — SOLID WASTE MANAGEMENT UNIT
- (RW-1) — RECOVERY WELL NOT IN SERVICE
- MONITORING WELL (SHALLOW)
- MONITORING WELL (DEEP)
- RECOVERY WELL
- DPE WELL
- ABANDONED OR DESTROYED
- SOIL BORING LOCATION
- FENCE
- RAILROAD TRACKS
- HISTORICAL FEATURES
- BUILDING/STRUCTURE
- ESTIMATED EXTENT OF EXCAVATION
- (mg/kg) — MILLIGRAMS PER KILOGRAM
- J — ESTIMATED VALUE
- ND — NOT DETECTED
- TYPE 2 RRS ISOCONCENTRATION CONTOUR

50' 0 50'

Approximate Scale: 1"=50'

IMAGE SOURCE: Google Earth Pro © Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA
VRP PROGRESS REPORT #2

LEAD SUMMARY

ARCADIS

FIGURE 5

CTY:(Read) DIVGROUP:(Read) DB:(Read) LD:(Opt) PIC:(Opt) PM:(Reed) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVDATA\Alabama\Fort Gillem\Lead\MXD\Fig5_LeadSummary_20150917.mxd LAYOUT:ANSI D SAVED: 10/7/2015 6:13 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2015 12:29 PM BY: BERNDGEN, WENDY
XREFS: IMAGES: PROJECTNAME: ---
H:\T21251\6X02\arcsd\257.jpg
edit.jpg

APPENDIX M
Upper Confidence Limit Calculations

Location	Date Sampled	Sample Depth	Lead	Trichloro-ethene	Lead	D_Lead	TCE	D_TCE
		(ft-bgs)	(mg/kg)	(mg/kg)				
Surface Soil (0-2ft)								
SB-1	3/9/2010	1-2	36	1.3	36	1	1.3	1
SB-102	5/20/2013	0	887		887	1		
SB-11	8/24/2010	1-2	180	<0.5100001	180	1	0.51	0
SB-110	7/24/2013	0-1	374		374	1		
SB-111	7/24/2013	0-2	180		180	1		
SB-12	8/24/2010	1-2	25	1.3	25	1	1.3	1
SB-127	8/12/2013	0-1	364		364	1		
SB-128	8/12/2013	0-1	262		262	1		
SB-13	8/24/2010	1-2	350	<0.005	350	1	0.005	0
SB-130	8/15/2013	0-0.5	165		165	1		
SB-132	8/15/2013	0-2	241		241	1		
SB-135	8/15/2013	0-2	158		158	1		
SB-136	8/15/2013	0-0.5	531		531	1		
SB-137	8/15/2013	0-0.5	843		843	1		
SB-138	8/15/2013	0-0.5	425		425	1		
SB-14	8/24/2010	1-2	29	1	29	1	1	1
SB-140	8/22/2013	0-2	213		213	1		
SB-142	1/14/2015	0-1	39J	<0.0075	39	1	0.0075	0
SB-142	1/14/2015	1-3	339J	0.01J	339	1	0.01J	1
SB-143	1/14/2015	1-3	13.7		13.7	1		
SB-144	1/14/2015	0-1	111J	<0.0066	111		0.0066	0
SB-144	1/14/2015	1-3	11.6J		11.6	1		
SB-145	1/14/2015	0-1	20.4J	<0.0066	20.4	1	0.0066	0
SB-145	1/14/2015	1-3	17.1J	<0.0077	17.1	1	0.0077	0
SB-146	1/14/2015	0-1		<0.0069		1	0.0069	0
SB-146	1/14/2015	1-3	14.5J		14.5	1		
SB-147	1/14/2015	0-1	141J	<0.0055	141	1	0.0055	0
SB-147	1/14/2015	1-3	45.4J		45.4	1		
SB-148	1/14/2015	0-1	148J	<0.0039	148	1	0.0039	0
SB-148	1/14/2015	1-3	15.9J	<2.4	15.9	1	2.4	0
SB-149	1/15/2015	0-1	17.4J	<0.0055	17.4	1	0.0055	0
SB-149	1/15/2015	1-3	21.4J		21.4	1		
SB-15	8/25/2010	1-2	15	<0.11	15	1	0.11	0
SB-150	1/15/2015	0-1	107J	<0.0041	107	1	0.0041	0
SB-150	1/15/2015	1-3	141J		141	1		
SB-151	1/15/2015	0-1	157J	<0.0052	157	1	0.0052	0
SB-151	1/15/2015	1-3	254J		254	1		
SB-152	1/15/2015	0-1	64J	<0.0044	64	1	0.0044	0
SB-152	1/15/2015	1-3	13.9J		13.9	1		
SB-154	4/23/2015	0-1	193		193	1		
SB-154	4/23/2015	1-3	125		125	1		
SB-155	4/23/2015	0-1	83.5		83.5	1		
SB-155	4/23/2015	1-3	336		336	1		
SB-156	4/23/2015	0-1	275		275	1		
SB-156	4/23/2015	1-3	471		471	1		
SB-156	7/29/2015	0-1	193		193	1		
SB-156	7/29/2015	1-3	378		378	1		

Location	Date Sampled	Sample Depth	Lead	Trichloro-ethene	Lead	D_Lead	TCE	D_TCE
		(ft-bgs)	(mg/kg)	(mg/kg)				
Surface Soil (0-2ft)								
SB-157	4/23/2015	0-1	53.6		53.6	1		
SB-157	4/23/2015	1-3	10.6		10.6	1		
SB-158	7/29/2015	0-1	18		18	1		
SB-158	7/29/2015	1-3	57		57			
SB-159	7/29/2015	0-1	118		118	1		
SB-159	7/29/2015	1-3	29		29	1		
SB-16	8/25/2010	1-2	100	<0.0058	100	1	0.0058	0
SB-19	8/25/2010	1-2	27	0.72	27		0.72	1
SB-21	8/25/2010	1-2	12	<0.0052	12	1	0.0052	0
SB-23A	7/13/2012	0-2	270		270	1		
SB-24	8/25/2010	1-2	22	<0.14	22	1	0.14	0
SB-25	8/25/2010	1-2	13	0.082	13	1	0.082	1
SB-26	8/25/2010	1-2	310	<0.0054	310		0.0054	0
SB-29	8/25/2010	1-2	18	<0.0059	18	1	0.0059	0
SB-31	8/25/2010	1-2	210	<1.1	210	1	1.1	0
SB-33	8/26/2010	1-2	11	2	11	1	2	1
SB-34	8/26/2010	1-2	28	0.0092	28	1	0.0092	1
SB-36	8/26/2010	1-2	30	<0.0045	30	1	0.0045	0
SB-37	8/26/2010	1-2	61	<0.0042	61	1	0.0042	0
SB-38	8/26/2010	1-2	12	<0.0042	12	1	0.0042	0
SB-39	8/26/2010	1-2	640	8.1	640	1	8.1	1
SB-42	8/27/2010	1-2		<0.0047		1	0.0047	0
SB-48	7/13/2012	0-2	22	<0.0049	22	1	0.0049	0
SB-49	7/13/2012	1-2	230		230	1		
SB-5	3/9/2010	1-2	255	2.7	255	1	2.7	1
SB-51	7/14/2012	1-2		<0.0047		1	0.0047	0
SB-56	7/15/2012	0-2	160		160	1		
SB-6	3/9/2010	1-2	102	0.019	102	1	0.019	1
SB-60	7/13/2012	0-2	110		110	1		
SB-62	7/15/2012	0-2	15		15	1		
SB-63	7/15/2012	1-2		<0.0051		1	0.0051	0
SB-65	7/15/2012	0-2	260		260	1		
SB-66	7/15/2012	0-2	53		53	1		
SB-67	7/15/2012	0-2	230		230	1		
SB-68	7/15/2012	0-2	380		380	1		
SB-69	7/15/2012	0-2	150		150	1		
SB-8	3/9/2010	1-2	139	<0.0039	139	1	0.0039	0
Zone 1 - A1 - E Wall	4/23/2013	1-2	135		135	1		
Zone 1 - A2	4/23/2013	2	152		152	1		
Zone 1 - B1	4/24/2013	2	62.9		62.9	1		
Zone 1 - B3	4/23/2013	2	16.3		16.3	1		
Zone 1 - B3 - E Wall	4/23/2013	1-2	14.1		14.1	1		
Zone 1 - B4 - S Wall	4/23/2013	1-2	15.8		15.8	1		
Zone 1 - C1 - N Wall	4/23/2013	1-2	199		199	1		
Zone 1 - C2	4/23/2013	2	94.3	0.046	94.3	1	0.046	1
Zone 1 - C4	4/24/2013	2	17		17	1		
Zone 1 - D1	4/23/2013	2	52.2		52.2	1		

Location	Date Sampled	Sample Depth	Lead	Trichloro-ethene	Lead	D_Lead	TCE	D_TCE
		(ft-bgs)	(mg/kg)	(mg/kg)				
Surface Soil (0-2ft)								
Zone 1 - D3	4/24/2013	2	188		188	1		
Zone 1 - D4 - W Wall	4/24/2013	1-2	26.4		26.4	1		
Zone 1 - D5	4/24/2013	2	82.5		82.5	1		
Zone 1 - E2	4/24/2013	2	322		322	1		
Zone 1 - F1	4/24/2013	2	555		555	1		
Zone 1 - F1 - N Wall	4/24/2013	1-2	229		229			
Zone 1 - F3	4/24/2013	2	287		287	1		
Zone 1 - F3 - W Wall	4/24/2013	1-2	22.6		22.6	1		
Zone 2A - A1 - N Wall	6/20/2013	1-2	206		206	1		
Zone 2A - A2	6/20/2013	2	183		183	1		
Zone 2A - A2 - W Wall	6/20/2013	1-2	13.7		13.7	1		
Zone 2A - B1	6/20/2013	2	198		198	1		
Zone 2A - C1 - N Wall	6/20/2013	1-2	263		263	1		
Zone 2A - C2	6/20/2013	2	422	<0.0034	422	1	0.0034	0
Zone 2A - C2 - S Wall	6/20/2013	1-2	187		187	1		
Zone 2A - D1	6/26/2013	2	469		469	1		
Zone 2A - D2 - S Wall	6/26/2013	1-2	1520		1520	1		
Zone 2A - E2	6/26/2013	2	121		121	1		
Zone 2A - E2 - S Wall	6/26/2013	1-2	610		610	1		
Zone 3A - A2	5/10/2013	2	20.6		20.6	1		
Zone 3A - B1 N Wall	5/10/2013	1-2	310		310	1		
Zone 3A - D1	5/9/2013	2	575		575	1		
Zone 3A - E2	5/10/2013	2	322		322	1		
Zone 3A - E2	5/30/2013	2		0.64		1	0.64	1
Zone 3A - F1	5/9/2013	2	329		329	1		
Zone 3A - F1 N Wall	5/9/2013	1-2	229		229	1		
Zone 3A - G2	5/9/2013	2	285		285	1		
Zone 3A - G2 W Wall	5/9/2013	1-2	314		314	1		
Zone 3B - A1	5/29/2013	2	367		367	1		
Zone 3B - B2	5/29/2013	2	422		422	1		
Zone 3B - C1	5/29/2013	2	63.8		63.8	1		
Zone 3B - D2	5/29/2013	2	246		246	1		
Zone 3B - D2 S Wall	5/29/2013	1-2	185		185	1		
Zone 3B - E1	5/29/2013	2	561		561	1		
Zone 3B - F2	5/29/2013	2	576		576	1		
Zone 3B - F3 S Wall	5/29/2013	1-2	596		596	1		
Zone 3B - F4	5/29/2013	2	519		519	1		
Zone 3B - G1	5/29/2013	2	258		258	1		
Zone 3B - G3	5/29/2013	2	376		376	1		
Zone 3B - H2	5/29/2013	2	520		520	1		
Zone 3B - H4 W Wall	5/29/2013	1-2	640		640	1		
Zone 3B - I1	5/29/2013	2	443		443	1		
Zone 3B - I3	5/29/2013	2	569		569	1		
Zone 3B - J1 E Wall	5/29/2013	1-2	323		323	1		
Zone 3B - J2	5/29/2013	2	46.4		46.4	1		
Zone 3B - J4	5/29/2013	2	514		514	1		
Zone 3C - A1	6/11/2013	2	27.6	<0.18	27.6	1	0.18	0

Location	Date Sampled	Sample Depth	Lead	Trichloro-ethene	Lead	D_Lead	TCE	D_TCE
		(ft-bgs)	(mg/kg)	(mg/kg)				
Surface Soil (0-2ft)								
Zone 3C - A3	6/12/2013	2	991		991	1		
Zone 3C - B4	6/12/2013	2	170		170	1		
Zone 3C - C1 S Wall	6/12/2013	1-2	243		243	1		
Zone 3C - C3	6/12/2013	2	341		341	1		
Zone 3C - D4	6/12/2013	2	1190		1190	1		
Zone 3C - E1	6/12/2013	2	667		667	1		
Zone 3C - E1 W Wall	6/12/2013	1-2	695		695	1	0.01	
Zone 3C - E3	6/12/2013	2	452		452	1		
Zone 3C - E4 W Wall	6/12/2013	1-2	228		228	1		
Zone 4 - A3 W Wall	5/21/2013	1-2	581		581	1		
Zone 4 - B1	5/21/2013	2	485		485	1		
Zone 4 - B3	5/21/2013	2	29.5	<0.0039	29.5	1	0.0039	0
Zone 4 - C2	5/21/2013	2	262		262	1		
Zone 5 - A2	6/13/2013	2	70.1	<0.003	70.1	1	0.003	0
Zone 5 - A4	6/13/2013	2	128	<0.13	128	1	0.13	0
Zone 5 - B1	6/13/2013	2	1020		1020	1		
Zone 5 - B3	6/13/2013	2	1200		1200	1		
Zone 5 - B3 W Wall	6/13/2013	1-2	19.3	<0.0036	19.3	1	0.0036	0
Zone 5 - B4 E Wall	6/13/2013	1-2	1420		1420	1		
Zone 5 - C2	6/13/2013	2	212		212	1		
Zone 5 - D1	6/13/2013	2	177	<0.0035	177	1	0.0035	0
Zone 5 - D1 N Wall	6/13/2013	1-2	135		135	1		
Zone 5 - D3	6/13/2013	2	82		82	1		
Zone 5 - D3 S Wall	6/13/2013	1-2	238	<0.4	238	1	0.4	0

UCL Statistics for Data Sets with Non-Detects

User Selected Options

Date/Time of Computation	ProUCL 5.12/24/2017 2:36:40 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Lead

General Statistics

Total Number of Observations	160	Number of Distinct Observations	143
		Number of Missing Observations	5
Minimum	10.6	Mean	253.2
Maximum	1520	Median	184
SD	273.7	Std. Error of Mean	21.64
Coefficient of Variation	1.081	Skewness	2.07

Normal GOF Test

Shapiro Wilk Test Statistic	0.788	Shapiro Wilk GOF Test	
5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.188	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.0704	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			

Assuming Normal Distribution

95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	289	95% Adjusted-CLT UCL (Chen-1995)	292.6
		95% Modified-t UCL (Johnson-1978)	289.6

Gamma GOF Test

A-D Test Statistic	1.412	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.789	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.0966	Kolmogorov-Smirnov Gamma GOF Test	
5% K-S Critical Value	0.0765	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			

Gamma Statistics

k hat (MLE)	0.888	k star (bias corrected MLE)	0.875
Theta hat (MLE)	285.2	Theta star (bias corrected MLE)	289.3
nu hat (MLE)	284.1	nu star (bias corrected)	280.1
MLE Mean (bias corrected)	253.2	MLE Sd (bias corrected)	270.7
		Approximate Chi Square Value (0.05)	242.4
Adjusted Level of Significance	0.0485	Adjusted Chi Square Value	242

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	292.7	95% Adjusted Gamma UCL (use when n<50)	293.1

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.916	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk P Value	1.81E-12	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.116	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.0704	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			

Lognormal Statistics

Minimum of Logged Data	2.361	Mean of logged Data	4.875
Maximum of Logged Data	7.326	SD of logged Data	1.307

Assuming Lognormal Distribution

95% H-UCL	399.3	90% Chebyshev (MVUE) UCL	430.3
95% Chebyshev (MVUE) UCL	487.2	97.5% Chebyshev (MVUE) UCL	566.2
99% Chebyshev (MVUE) UCL	721.3		

Nonparametric Distribution Free UCL Statistics
Data do not follow a Discernible Distribution (0.05)

Nonparametric Distribution Free UCLs

95% CLT UCL	288.8	95% Jackknife UCL	289
95% Standard Bootstrap UCL	288.2	95% Bootstrap-t UCL	292.8
95% Hall's Bootstrap UCL	294.1	95% Percentile Bootstrap UCL	290.8
95% BCA Bootstrap UCL	290.3		
90% Chebyshev(Mean, Sd) UCL	318.2	95% Chebyshev(Mean, Sd) UCL	347.6
97.5% Chebyshev(Mean, Sd) UCL	388.4	99% Chebyshev(Mean, Sd) UCL	468.6

Suggested UCL to Use
95% Chebyshev (Mean, Sd) UCL 347.6

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

TCE

General Statistics

Total Number of Observations	50	Number of Distinct Observations	42
		Number of Missing Observations	104
Number of Detects	13	Number of Non-Detects	37
Number of Distinct Detects	12	Number of Distinct Non-Detects	30
Minimum Detect	0.0092	Minimum Non-Detect	0.003
Maximum Detect	8.1	Maximum Non-Detect	2.4
Variance Detects	4.792	Percent Non-Detects	74%
Mean Detects	1.379	SD Detects	2.189
Median Detects	0.72	CV Detects	1.587
Skewness Detects	2.753	Kurtosis Detects	8.448
Mean of Logged Detects	-1.178	SD of Logged Detects	2.289

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.642	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.866	Detected Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.284	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.234	Detected Data Not Normal at 5% Significance Level	

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	0.366	KM Standard Error of Mean	0.181
KM SD	1.231	95% KM (BCA) UCL	0.731
95% KM (t) UCL	0.67	95% KM (Percentile Bootstrap) UCL	0.717
95% KM (z) UCL	0.664	95% KM Bootstrap t UCL	1.164
90% KM Chebyshev UCL	0.91	95% KM Chebyshev UCL	1.157
97.5% KM Chebyshev UCL	1.499	99% KM Chebyshev UCL	2.171

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.389	Anderson-Darling GOF Test	
5% A-D Critical Value	0.803	Detected data appear Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.155	Kolmogorov-Smirnov GOF	
5% K-S Critical Value	0.252	Detected data appear Gamma Distributed at 5% Significance Level	

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.433	k star (bias corrected MLE)	0.385
Theta hat (MLE)	3.182	Theta star (bias corrected MLE)	3.585
nu hat (MLE)	11.27	nu star (bias corrected)	10
Mean (detects)	1.379		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.0092	Mean	0.366
Maximum	8.1	Median	0.01
SD	1.242	CV	3.393
k hat (MLE)	0.26	k star (bias corrected MLE)	0.258
Theta hat (MLE)	1.405	Theta star (bias corrected MLE)	1.417
nu hat (MLE)	26.05	nu star (bias corrected)	25.82
Adjusted Level of Significance (β)	0.0452		
Approximate Chi Square Value (25.82, α)	15.24	Adjusted Chi Square Value (25.82, β)	15
95% Gamma Approximate UCL (use when n>=50)	0.62	95% Gamma Adjusted UCL (use when n<50)	0.63

Estimates of Gamma Parameters using KM Estimates

Mean (KM)	0.366	SD (KM)	1.231
Variance (KM)	1.516	SE of Mean (KM)	0.181
k hat (KM)	0.0881	k star (KM)	0.0962
nu hat (KM)	8.814	nu star (KM)	9.619
theta hat (KM)	4.147	theta star (KM)	3.8
80% gamma percentile (KM)	0.239	90% gamma percentile (KM)	0.957
95% gamma percentile (KM)	2.126	99% gamma percentile (KM)	5.92

Gamma Kaplan-Meier (KM) Statistics

Approximate Chi Square Value (9.62, α)	3.705	Adjusted Chi Square Value (9.62, β)	3.596
95% Gamma Approximate KM-UCL (use when n>=50)	0.949	95% Gamma Adjusted KM-UCL (use when n<50)	0.978

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.898	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.866	Detected Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.241	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.234	Detected Data Not Lognormal at 5% Significance Level	

Detected Data appear Approximate Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	0.359	Mean in Log Scale	-6.018
SD in Original Scale	1.244	SD in Log Scale	3.219
95% t UCL (assumes normality of ROS data)	0.654	95% Percentile Bootstrap UCL	0.669
95% BCA Bootstrap UCL	0.835	95% Bootstrap t UCL	1.16
95% H-UCL (Log ROS)	5.23		

Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution

KM Mean (logged)	-4.535	KM Geo Mean	0.0107
KM SD (logged)	2.336	95% Critical H Value (KM-Log)	4.101

KM Standard Error of Mean (logged)	0.351	95% H-UCL (KM -Log)	0.645
KM SD (logged)	2.336	95% Critical H Value (KM-Log)	4.101
KM Standard Error of Mean (logged)	0.351		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	0.41	Mean in Log Scale	-4.08
SD in Original Scale	1.243	SD in Log Scale	2.615
95% t UCL (Assumes normality)	0.704	95% H-Stat UCL	2.782

DL/2 is not a recommended method, provided for comparisons and historical reasons

Nonparametric Distribution Free UCL Statistics

Detected Data appear Gamma Distributed at 5% Significance Level

Suggested UCL to Use

95% KM Approximate Gamma UCL	0.949

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Location	Date Sampled	Sample Depth	Lead		
		(ft-bgs)	(mg/kg)	Lead	D_Lead
Surface and Subsurface Soil (0-10ft)					
SB-1	3/9/2010	1-2	36	36	1
SB-102	5/20/2013	0	887	887	1
SB-11	8/24/2010	1-2	180	180	1
SB-110	7/24/2013	0-1	374	374	1
SB-111	7/24/2013	0-2	180	180	1
SB-12	8/24/2010	1-2	25	25	1
SB-127	8/12/2013	0-1	364	364	1
SB-128	8/12/2013	0-1	262	262	1
SB-13	8/24/2010	1-2	350	350	1
SB-130	8/15/2013	0-0.5	165	165	1
SB-132	8/15/2013	0-2	241	241	1
SB-135	8/15/2013	0-2	158	158	1
SB-136	8/15/2013	0-0.5	531	531	1
SB-137	8/15/2013	0-0.5	843	843	1
SB-138	8/15/2013	0-0.5	425	425	1
SB-14	8/24/2010	1-2	29	29	1
SB-140	8/22/2013	0-2	213	213	1
SB-142	1/14/2015	0-1	39J	39	1
SB-142	1/14/2015	1-3	339J	339	1
SB-143	1/14/2015	1-3	13.7	13.7	1
SB-144	1/14/2015	0-1	111J	111	1
SB-144	1/14/2015	1-3	11.6J	11.6	1
SB-145	1/14/2015	0-1	20.4J	20.4	1
SB-145	1/14/2015	1-3	17.1J	17.1	1
SB-146	1/14/2015	0-1			1
SB-146	1/14/2015	1-3	14.5J	14.5	1
SB-147	1/14/2015	0-1	141J	141	1
SB-147	1/14/2015	1-3	45.4J	45.4	1
SB-148	1/14/2015	0-1	148J	148	1
SB-148	1/14/2015	1-3	15.9J	15.9	1
SB-149	1/15/2015	0-1	17.4J	17.4	1
SB-149	1/15/2015	1-3	21.4J	21.4	1
SB-15	8/25/2010	1-2	15	15	1
SB-150	1/15/2015	0-1	107J	107	1
SB-150	1/15/2015	1-3	141J	141	1
SB-151	1/15/2015	0-1	157J	157	1
SB-151	1/15/2015	1-3	254J	254	1
SB-152	1/15/2015	0-1	64J	64	1
SB-152	1/15/2015	1-3	13.9J	13.9	1
SB-154	4/23/2015	0-1	193	193	1
SB-154	4/23/2015	1-3	125	125	1
SB-155	4/23/2015	0-1	83.5	83.5	1
SB-155	4/23/2015	1-3	336	336	1

Location	Date Sampled	Sample Depth	Lead		
		(ft-bgs)	(mg/kg)	Lead	D_Lead
SB-156	4/23/2015	0-1	275	275	1
SB-156	7/29/2015	0-1	193	193	1
SB-156	4/23/2015	1-3	471	471	1
SB-156	7/29/2015	1-3	378	378	1
SB-157	4/23/2015	0-1	53.6	53.6	1
SB-157	4/23/2015	1-3	10.6	10.6	1
SB-158	7/29/2015	0-1	18	18	1
SB-158	7/29/2015	1-3	57	57	1
SB-159	7/29/2015	0-1	118	118	1
SB-159	7/29/2015	1-3	29	29	1
SB-16	8/25/2010	1-2	100	100	1
SB-19	8/25/2010	1-2	27	27	1
SB-21	8/25/2010	1-2	12	12	1
SB-23A	7/13/2012	0-2	270	270	1
SB-24	8/25/2010	1-2	22	22	1
SB-25	8/25/2010	1-2	13	13	1
SB-26	8/25/2010	1-2	310	310	1
SB-29	8/25/2010	1-2	18	18	1
SB-31	8/25/2010	1-2	210	210	1
SB-33	8/26/2010	1-2	11	11	1
SB-34	8/26/2010	1-2	28	28	1
SB-36	8/26/2010	1-2	30	30	1
SB-37	8/26/2010	1-2	61	61	1
SB-38	8/26/2010	1-2	12	12	1
SB-39	8/26/2010	1-2	640	640	1
SB-42	8/27/2010	1-2			1
SB-48	7/13/2012	0-2	22	22	1
SB-49	7/13/2012	1-2	230	230	1
SB-5	3/9/2010	1-2	255	255	1
SB-51	7/14/2012	1-2			1
SB-56	7/15/2012	0-2	160	160	1
SB-6	3/9/2010	1-2	102	102	1
SB-60	7/13/2012	0-2	110	110	1
SB-62	7/15/2012	0-2	15	15	1
SB-63	7/15/2012	1-2			1
SB-65	7/15/2012	0-2	260	260	1
SB-66	7/15/2012	0-2	53	53	1
SB-67	7/15/2012	0-2	230	230	1
SB-68	7/15/2012	0-2	380	380	1
SB-69	7/15/2012	0-2	150	150	1
SB-8	3/9/2010	1-2	139	139	1
Zone 1 - A1	4/23/2013	1-2	135	135	1
Zone 1 - A2	4/23/2013	2	152	152	1
Zone 1 - B1	4/24/2013	2	62.9	62.9	1

Location	Date Sampled	Sample Depth	Lead		
		(ft-bgs)	(mg/kg)	Lead	D_Lead
Zone 1 - B3	4/23/2013	2	16.3	16.3	1
Zone 1 - B3	4/23/2013	1-2	14.1	14.1	1
Zone 1 - B4	4/23/2013	1-2	15.8	15.8	1
Zone 1 - C1	4/23/2013	1-2	199	199	1
Zone 1 - C2	4/23/2013	2	94.3	94.3	1
Zone 1 - C4	4/24/2013	2	17	17	1
Zone 1 - D1	4/23/2013	2	52.2	52.2	1
Zone 1 - D3	4/24/2013	2	188	188	1
Zone 1 - D4	4/24/2013	1-2	26.4	26.4	1
Zone 1 - D5	4/24/2013	2	82.5	82.5	1
Zone 1 - E2	4/24/2013	2	322	322	1
Zone 1 - F1	4/24/2013	2	555	555	1
Zone 1 - F1	4/24/2013	1-2	229	229	1
Zone 1 - F3	4/24/2013	2	287	287	1
Zone 1 - F3	4/24/2013	1-2	22.6	22.6	1
Zone 2A - A	6/20/2013	1-2	206	206	1
Zone 2A - A	6/20/2013	2	183	183	1
Zone 2A - A	6/20/2013	1-2	13.7	13.7	1
Zone 2A - B	6/20/2013	2	198	198	1
Zone 2A - C	6/20/2013	1-2	263	263	1
Zone 2A - C	6/20/2013	2	422	422	1
Zone 2A - C	6/20/2013	1-2	187	187	1
Zone 2A - D	6/26/2013	2	469	469	1
Zone 2A - D	6/26/2013	1-2	1520	1520	1
Zone 2A - E	6/26/2013	2	121	121	1
Zone 2A - E	6/26/2013	1-2	610	610	1
Zone 3A - A	5/10/2013	2	20.6	20.6	1
Zone 3A - B	5/10/2013	1-2	310	310	1
Zone 3A - D	5/9/2013	2	575	575	1
Zone 3A - E	5/10/2013	2	322	322	1
Zone 3A - E	5/30/2013	2			1
Zone 3A - F	5/9/2013	2	329	329	1
Zone 3A - F	5/9/2013	1-2	229	229	1
Zone 3A - G	5/9/2013	2	285	285	1
Zone 3A - G	5/9/2013	1-2	314	314	1
Zone 3B - A	5/29/2013	2	367	367	1
Zone 3B - B	5/29/2013	2	422	422	1
Zone 3B - C	5/29/2013	2	63.8	63.8	1
Zone 3B - D	5/29/2013	2	246	246	1
Zone 3B - D	5/29/2013	1-2	185	185	1
Zone 3B - E	5/29/2013	2	561	561	1
Zone 3B - F	5/29/2013	2	576	576	1
Zone 3B - F	5/29/2013	1-2	596	596	1
Zone 3B - F	5/29/2013	2	519	519	1

Location	Date Sampled	Sample Depth	Lead		
		(ft-bgs)	(mg/kg)	Lead	D_Lead
Zone 3B - C	5/29/2013	2	258	258	1
Zone 3B - C	5/29/2013	2	376	376	1
Zone 3B - H	5/29/2013	2	520	520	1
Zone 3B - H	5/29/2013	1-2	640	640	1
Zone 3B - I	5/29/2013	2	443	443	1
Zone 3B - I	5/29/2013	2	569	569	1
Zone 3B - J	5/29/2013	1-2	323	323	1
Zone 3B - J	5/29/2013	2	46.4	46.4	1
Zone 3B - J	5/29/2013	2	514	514	1
Zone 3C - A	6/11/2013	2	27.6	27.6	1
Zone 3C - A	6/12/2013	2	991	991	1
Zone 3C - B	6/12/2013	2	170	170	1
Zone 3C - C	6/12/2013	1-2	243	243	1
Zone 3C - C	6/12/2013	2	341	341	1
Zone 3C - D	6/12/2013	2	1190	1190	1
Zone 3C - E	6/12/2013	2	667	667	1
Zone 3C - E	6/12/2013	1-2	695	695	1
Zone 3C - E	6/12/2013	2	452	452	1
Zone 3C - E	6/12/2013	1-2	228	228	1
Zone 4 - A3	5/21/2013	1-2	581	581	1
Zone 4 - B1	5/21/2013	2	485	485	1
Zone 4 - B3	5/21/2013	2	29.5	29.5	1
Zone 4 - C2	5/21/2013	2	262	262	1
Zone 5 - A2	6/13/2013	2	70.1	70.1	1
Zone 5 - A4	6/13/2013	2	128	128	1
Zone 5 - B1	6/13/2013	2	1020	1020	1
Zone 5 - B3	6/13/2013	2	1200	1200	1
Zone 5 - B3	6/13/2013	1-2	19.3	19.3	1
Zone 5 - B4	6/13/2013	1-2	1420	1420	1
Zone 5 - C2	6/13/2013	2	212	212	1
Zone 5 - D1	6/13/2013	2	177	177	1
Zone 5 - D1	6/13/2013	1-2	135	135	1
Zone 5 - D3	6/13/2013	2	82	82	1
Zone 5 - D3	6/13/2013	1-2	238	238	1
SB-58	7/14/2012	2-3	15	15	1
SB-56	7/15/2012	2-4	81	81	1
SB-57	7/14/2012	2-4	2100	2100	1
SB-154	4/23/2015	3-5	20.2	20.2	1
SB-155	4/23/2015	3-5	125	125	1
SB-156	4/23/2015	3-5	534	534	1
SB-156	7/29/2015	3-5	1130	1130	1
SB-157	4/23/2015	3-5	9.07	9.07	1
SB-158	7/29/2015	3-5	234	234	1
SB-159	7/29/2015	3-5	40	40	1

Location	Date Sampled	Sample Depth	Lead		
		(ft-bgs)	(mg/kg)	Lead	D_Lead
SB-156	7/29/2015	5-7	23.5	23.5	1
SB-158	7/29/2015	5-7	17.9	17.9	1
SB-159	7/29/2015	5-7	15.8	15.8	1
SB-9	3/9/2010	5-7	21.2	21.2	1
SB-43	8/27/2010	5-7.5			1
SB-143	1/14/2015	6-8			1
SB-13	8/24/2010	7.5-10			1
SB-142	1/14/2015	8-10	21.2J	21.2	1
SB-143	1/14/2015	8-10	9.65J	9.65	1
SB-144	1/14/2015	8-10	8.5J	8.5	1
SB-145	1/14/2015	8-10	13J	13	1
SB-146	1/14/2015	8-10	6.77J	6.77	1
SB-147	1/14/2015	8-10	<6.26	6.26	0
SB-148	1/14/2015	8-10	15.7J	15.7	1
SB-149	1/15/2015	8-10	23.6J	23.6	1
SB-15	8/25/2010	8-10			1
SB-150	1/15/2015	8-10	61.3J	61.3	1
SB-151	1/15/2015	8-10	<5.84	5.84	0
SB-152	1/15/2015	8-10	12.3J	12.3	1
SB-153	1/15/2015	8-10	<6.11	6.11	0
SB-16	8/25/2010	8-10			1
SB-17	8/25/2010	7.5-10			1
SB-18	8/25/2010	7.5-10			1
SB-19	8/25/2010	7.5-10			1
SB-21	8/25/2010	7.5-10			1
SB-24	8/25/2010	7.5-10			1
SB-27	8/25/2010	7.5-10			1
SB-28	8/25/2010	7.5-10			1
SB-29	8/25/2010	7.5-10			1
SB-3	3/9/2010	8-10	14.2	14.2	1
SB-31	8/25/2010	7.5-10			1
SB-33	8/26/2010	7.5-10			1
SB-34	8/26/2010	7.5-10			1
SB-35	8/26/2010	7.5-10			1
SB-36	8/26/2010	7.5-10			1
SB-37	8/26/2010	7.5-10			1
SB-46	7/13/2012	8-10			1
SB-47	7/13/2012	8-10			1
SB-63	7/15/2012	8-10			1
SB-7	3/9/2010	8-10	20.6	20.6	1

Construction Worker Cleanup Value

UCL Statistics for Data Sets with Non-Detects

User Selected Options

Date/Time of Computation	ProUCL 5.12/24/2017 2:47:24 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Lead

General Statistics

Total Number of Observations	188	Number of Distinct Observations	165
		Number of Missing Observations	27
Number of Detects	185	Number of Non-Detects	3
Number of Distinct Detects	162	Number of Distinct Non-Detects	3
Minimum Detect	6.77	Minimum Non-Detect	5.84
Maximum Detect	2100	Maximum Non-Detect	6.26
Variance Detects	93717	Percent Non-Detects	1.60%
Mean Detects	243.7	SD Detects	306.1
Median Detects	157	CV Detects	1.256
Skewness Detects	2.662	Kurtosis Detects	9.807
Mean of Logged Detects	4.698	SD of Logged Detects	1.41

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.732	Normal GOF Test on Detected Observations Only	
5% Shapiro Wilk P Value	0	Detected Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.219	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.0656	Detected Data Not Normal at 5% Significance Level	

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	239.9	KM Standard Error of Mean	22.26
KM SD	304.3	95% KM (BCA) UCL	280.8
95% KM (t) UCL	276.7	95% KM (Percentile Bootstrap) UCL	277.6
95% KM (z) UCL	276.5	95% KM Bootstrap t UCL	283.6
90% KM Chebyshev UCL	306.7	95% KM Chebyshev UCL	337
97.5% KM Chebyshev UCL	378.9	99% KM Chebyshev UCL	461.4

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	2.37	Anderson-Darling GOF Test	
5% A-D Critical Value	0.796	Detected Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.117	Kolmogorov-Smirnov GOF	
5% K-S Critical Value	0.0702	Detected Data Not Gamma Distributed at 5% Significance Level	

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.75	k star (bias corrected MLE)	0.742
Theta hat (MLE)	324.8	Theta star (bias corrected MLE)	328.5
nu hat (MLE)	277.7	nu star (bias corrected)	274.5
Mean (detects)	243.7		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	239.8
Maximum	2100	Median	151
SD	305.2	CV	1.272
k hat (MLE)	0.656	k star (bias corrected MLE)	0.649
Theta hat (MLE)	365.7	Theta star (bias corrected MLE)	369.6
nu hat (MLE)	246.6	nu star (bias corrected)	244
Adjusted Level of Significance (β)	0.0487		
Approximate Chi Square Value (244.00, α)	208.8	Adjusted Chi Square Value (244.00, β)	208.6
95% Gamma Approximate UCL (use when n>=50)	280.2	95% Gamma Adjusted UCL (use when n<50)	280.6

Estimates of Gamma Parameters using KM Estimates

Mean (KM)	239.9	SD (KM)	304.3
Variance (KM)	92612	SE of Mean (KM)	22.26
k hat (KM)	0.622	k star (KM)	0.615
nu hat (KM)	233.7	nu star (KM)	231.3
theta hat (KM)	386	theta star (KM)	390
80% gamma percentile (KM)	395.5	90% gamma percentile (KM)	620.5
95% gamma percentile (KM)	855.6	99% gamma percentile (KM)	1423

Gamma Kaplan-Meier (KM) Statistics

Approximate Chi Square Value (231.34, α)	197.1	Adjusted Chi Square Value (231.34, β)	196.9
95% Gamma Approximate KM-UCL (use when n>=50)	281.6	95% Gamma Adjusted KM-UCL (use when n<50)	281.9

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Approximate Test Statistic	0.924	Shapiro Wilk GOF Test	
5% Shapiro Wilk P Value	5.40E-13	Detected Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.113	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.0656	Detected Data Not Lognormal at 5% Significance Level	

Detected Data Not Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	239.9	Mean in Log Scale	4.641
SD in Original Scale	305.2	SD in Log Scale	1.47
95% t UCL (assumes normality of ROS data)	276.7	95% Percentile Bootstrap UCL	280.2
95% BCA Bootstrap UCL	283.2	95% Bootstrap t UCL	283.2
95% H-UCL (Log ROS)	404.8		

Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution

KM Mean (logged)	4.652	KM Geo Mean	104.8
KM SD (logged)	1.443	95% Critical H Value (KM-Log)	2.596
KM Standard Error of Mean (logged)	0.106	95% H-UCL (KM -Log)	390.1
KM SD (logged)	1.443	95% Critical H Value (KM-Log)	2.596
KM Standard Error of Mean (logged)	0.106		

DL/2 Statistics

DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	239.9	Mean in Log Scale	4.641
SD in Original Scale	305.2	SD in Log Scale	1.47
95% t UCL (Assumes normality)	276.7	95% H-Stat UCL	404.8

DL/2 is not a recommended method, provided for comparisons and historical reasons

Nonparametric Distribution Free UCL Statistics

Data do not follow a Discernible Distribution at 5% Significance Level

Suggested UCL to Use

95% KM (Chebyshev) UCL	337

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.