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Lafarge Road Marking, Inc.

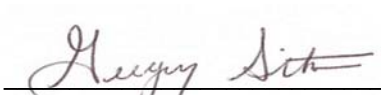
Voluntary Investigation and Remediation Plan – Semiannual Progress Report #2

Former Lafarge Road Marking, Inc.
2675 North Martin Street, East Point, Georgia

October 30, 2015

ARCADIS

Christopher Miller, PG
Project Geologist



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Former Lafarge Road Marking, Inc.
2675 North Martin Street
East Point, Georgia

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Our Ref.:
HT212446.0015.00002

Date:
October 30, 2015

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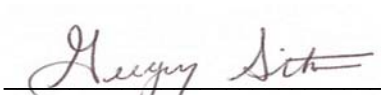

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Christopher Miller, PG
Project Geologist

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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.

Christopher Miller, PG
Georgia Registration No. 2111

11/4/2015
Date

Former Lafarge Road Marking, Inc.
Facility Name

Voluntary Investigation and Remediation Plan Semiannual Progress Report #2
Document Title

Georgia EPD Consent Order EPD-VRP-009

1. Introduction

On behalf of Lafarge Road Marking, Inc. (LRM), Arcadis U.S., Inc. (Arcadis) is submitting this Voluntary Investigation and Remediation Plan – Semiannual Progress Report #2 (Progress Report) to the Georgia Environmental Protection Division (EPD) for LRM's former road painting manufacturing facility (facility) located at 2675 North Martin Street in East Point, Georgia (site). Although the site is now owned by Kairos Development Corporation, LRM is continuing to implement the remediation in order to address environmental impacts on the site. This Progress Report has been prepared to meet requirements outlined in the Georgia Voluntary Remediation Program Act (VRPA).

Arcadis submitted a Voluntary Remediation Plan application (application) to the EPD on May 24, 2010. The EPD issued a letter to LRM dated June 18, 2013 requesting that a revised application be submitted within 60 days, or by August 19, 2013, to include additional information not provided in the 2010 application. The revised application, which included a summary of the updated investigation/remediation plan and an updated conceptual site model (CSM) incorporating data collected since the original application, was submitted on August 15, 2013. The EPD issued a letter to LRM on March 14, 2014 confirming that the site is eligible for enrollment in the Voluntary Remediation Program (VRP) and provided a proposed Consent Order. On August 6, 2014, the EPD executed Consent Order EPD-VRP-009, which superseded the previous Consent Order EPD-HW-562 and approved the entry of the site into the VRP. In accordance with Consent Order EPD-VRP-009, the first semiannual VRP Progress Report was submitted to the EPD on April 30, 2015, and documented the source soil removal; new treatment system construction; operation, maintenance, and monitoring of both existing treatment systems; and additional well installations on the site.

Figure 1 presents the location of the former LRM facility superimposed on a topographic map of the area. **Figure 2** is a site map illustrating the site layout and monitoring and recovery well locations.

2. Background

LRM, formerly Linear Dynamics, Inc. and Prismo Safety Corporation, voluntarily agreed to perform corrective action for soil and groundwater at the LRM facility pursuant to the previous Consent Order, EPD-HW-562.

Past industrial activities at the site involved research and development and the production of paint for road marking. Historical facility structures included paint blending facilities, supply storage areas, office buildings, a laboratory, an underground storage tank (UST) farm, additional aboveground storage tanks (ASTs), and loading docks. As documented in the Report of Preliminary Contamination Assessment (Law Environmental, Inc. [Law] 1986) and the February 2006 Supplemental Investigation Phase I Results Report (GeoTrans, Inc. [GeoTrans] 2006), the site includes four solid waste management units (SWMUs) and one former UST. A summary of site history is presented below:

SWMU #1 is the former hazardous waste drum storage area and is located on the northern property boundary along East Forest Street. Prior to 1983, incidental spills were reported to have occurred in this area during the normal course of facility operations, releasing volatile organic compounds (VOCs) to the ground surface. An undetermined volume of contaminated soil was excavated from this area in 1983.

SWMU #2 is the location of the former waste solvent tanks, just north of the former UST area, where reclaimed thinner was stored. Reports state that the ASTs were taken out of service in 1984, and in 1986, the contents tested positive for lead. Approximately 70 tons of lead-impacted soil was excavated in 1986. Subsequent soil sampling indicated solvent impacts were present.

SWMU #3 is the location of the former caustic tanks, where, according to the Supplemental Investigation Phase 1 Results Report (GeoTrans 2006), caustic solution was used to clean the varnish tanks. GeoTrans further reported that the contents failed an Extraction Procedure Toxicity Test for lead and chromium and that mixture was allowed to drain to the land surface. Approximately 100 tons of soil was excavated; additionally, the ASTs were removed in 1986. Subsequent soil sampling indicated solvent and fuel hydrocarbon impacts were present.

SWMU #4 is the former UST farm, which consisted of 13 USTs containing various chemicals (toluene, hexane, heptane, xylene, methyl-isobutyl-ketone, methyl-ethyl-ketone, 1,1,1-trichloroethane, methylene chloride, mineral spirits, and methyl alcohol) and ranging in size from 1,000 to 10,000 gallons. The USTs were removed in 1987, and soil contamination was discovered during tank removal activities.

A former gasoline UST was located adjacent to and east of SWMU #4. Membrane interface probe (MIP) groundwater sampling conducted by GeoTrans directly downgradient of the former gasoline UST location (MIP #22) detected benzene,

toluene, ethylbenzene, and xylene (BTEX) compounds at concentrations of 13,200 micrograms per liter (µg/l) (toluene), 2,880 µg/l (benzene), and 3,010 µg/l (xylene) at 22.1 feet below ground surface (bgs).

In March 2000, a groundwater treatment system was installed that included five recovery wells, a groundwater treatment plant, and an infiltration gallery. The system was optimized between October 2003 and March 2004 to increase system capacity, and included the addition of two recovery wells (RW-6 and RW-7). Treated water is discharged to the local sewer, which is piped to the publicly owned treatment works (POTW). Further information regarding the operation of the groundwater treatment system is provided in Section 4.5 of this Progress Report.

Between April and June 2013, a large-scale excavation of lead and VOCs was performed, which removed 1,245.04 tons of surficial soil. In addition, from April to October 2013, an air sparging (AS), soil vapor extraction (SVE), and dual-phase extraction (DPE) system was installed to address the remaining soil and groundwater impacts. The DPE system lowers the water table, which increases the effectiveness of the SVE system, and the recovered groundwater from the DPE system is pumped and treated by the groundwater treatment system. Further information regarding the new treatment system is included in Section 4.4 of this Progress Report.

During the installation of the AS/SVE/DPE, the groundwater treatment system was further optimized with the addition of RW-8 to focus on recovery of groundwater from deeper depths. In addition, the most impacted well onsite (MW-32) was retrofitted with pumps and added to the groundwater treatment system. The AS/SVE/DPE has been much more effective in mass recovery than the groundwater treatment system. As opportunities arise to maximize the performance of both systems, appropriate measures will be implemented; however, due to the limited effectiveness of the groundwater treatment system, its performance will be monitored each reporting period to determine when the groundwater treatment system should be shut down in lieu of operating only the AS/SVE system.

3. Constituents of Concern and Risk Reduction Standards

The following is a list of constituents of concern (COCs) detected in soil and groundwater at the site. The list of COCs was formulated by evaluating regulated constituents detected above the Type 1/2 Risk Reduction Standards (RRSs):

Soil: benzene, ethylbenzene, cis-1,2-dichloroethene (cis-1,2-DCE), xylenes, methylene chloride, toluene, trichloroethene (TCE), and lead.

Groundwater: 1,1,2-trichloroethane (1,1,2-TCA), 1,1-dichloroethene (1,1-DCE), cis-1,2-DCE, cyclohexane, xylenes, TCE, tetrachloroethene (PCE), vinyl chloride (VC), benzene, and toluene.

There have been no modifications to RRSs during the period covered by this Progress Report. The site COCs and respective groundwater and soil RRSs are shown in the following table.

Constituent of Concern	Groundwater Type 1 RRS (µg/L)	Groundwater Type 4 RRS (µg/L)	Soil Type 2 RRS (mg/kg)	Soil Type 4 RRS (mg/kg)
Benzene	5	8.7	0.5	0.5
1,1-DCE	7	520	NA	NA
Ethylbenzene	700	700	30	38
cis-1,2-DCE	70	200	7	7
Cyclohexane	10	18,000	NA	NA
Toluene	1,000	5,200	100	100
PCE	5	98	NA	NA
Methylene Chloride	5	450	5	2.3
1,1,2-TCA	5	410	NA	NA
TCE	5	5.2	0.5	0.5
VC	2	2	NA	NA
Xylenes	10,000	10,000	340	354
Lead	15	15	270	400

NA = not applicable
µg/L = micrograms per liter
mg/kg = milligrams per kilogram

4. Summary of Work Completed this Period

The following sections summarize work completed between April and October 2015.

4.1 Groundwater Assessment

Semiannual groundwater sampling was conducted in May 2015 and will continue until compliance with RRSs is demonstrated for a one-year period. Semiannual monitoring currently consists of collecting water-level measurements and collecting groundwater samples from the 42 monitoring and recovery wells outlined in **Table 1**. Well construction details are provided in **Table 2**.

In addition to the semiannual VRP groundwater monitoring, quarterly groundwater sampling of select wells, as presented in **Table 1**, was conducted in August 2015 to monitor the effectiveness of the AS/SVE/DPE system. Additional details of those sampling results are provided in the following sections.

4.1.1 Groundwater Sampling Methodology

A peristaltic pump and low-flow, low-purge volume sampling methodologies following the United States Environmental Protection Agency (USEPA) Region 4 Science and Ecosystem Support Division (SESD) operating procedures, dated March 6, 2013, were used for groundwater sampling to ensure that a representative sample was collected and to minimize the quantity of well purge water generated during sampling. Prior to initiating pumping, a properly decontaminated water-level meter was lowered into the well to monitor the static water level prior to and during the purging process. Depth-to-water measurements and groundwater elevations are summarized in **Table 2**.

During purging and sampling, the Teflon® tubing intake was placed at the mid-portion of the screened interval of the well. Flow rates did not exceed the recharge rate of the aquifers monitored by measuring the top of the water column with a water-level indicator while purging. With respect to groundwater chemistry, an adequate purge was achieved when the pH, specific conductance, and temperature of the groundwater had stabilized and the turbidity had either stabilized or was below 10 Nephelometric Turbidity Units (NTUs) (twice the Primary Drinking Water Standard of 5 NTUs). Stabilization occurred when pH measurements remained constant within 0.1 Standard Unit (S.U.), specific conductance varied no more than 5 percent, and the temperature was constant to within 1 degree Celsius (°C) for at least three consecutive readings. Secondary criteria for stabilization included dissolved oxygen (DO) measurements within 0.2 milligram per liter. Groundwater samples were collected following the USEPA-accepted “soda straw” sampling method when water quality parameters had been reached. Well purging and sampling logs from the May and August 2015 monitoring events are provided in **Appendix A**.

The groundwater samples collected in May and August 2015 were analyzed for VOCs by USEPA Method 8260B, and samples from wells MW-2, MW-3, MW-4, MW-5R, MW-17, MW-30, and MW-31 were also analyzed for lead by USEPA Method 6020. Planned semiannual monitoring is summarized in **Table 1,** which includes additional information on samples collected for laboratory analyses.

4.1.2 Groundwater Flow Data

As illustrated on **Figures 3a** and **3b,** groundwater flow in the upper and lower aquifer zones during the May 2015 gauging event was toward the northeast. Additionally, vertical gradients were calculated for the following six well pairs: MW-7/MW-8, MW-9/MW-10, MW-11/MW-12, MW-13/MW-14, MW-15/MW-16, and MW-23/MW-24. Vertical gradients for the six well pairs are presented in the table below.

Well Pair	May 2015
MW-07/MW-08	-0.07 feet
MW-09/MW-10	-0.03 feet
MW-11/MW-12	-0.02 feet
MW-13/MW-14	0.00 feet
MW-15/MW-16	-0.01 feet
MW-23/MW-24	-0.02 feet

The vertical gradient is calculated by dividing the difference in overburden and bedrock groundwater elevation by the difference in total depth of the screened interval of overburden and bedrock wells. Based on the table above, a positive number would indicate a downward gradient and a negative number would indicate an upward gradient. Typically, the well pairs located near recovery wells are expected to demonstrate a downward gradient (positive number) as a result of the influence of the drawdown in the recovery wells. The MW-15/MW-16 well pair is not located near an actively pumping recovery well.

4.1.3 Groundwater Sampling Results

The results of the May and August 2015 monitoring events indicate that the most impacted wells are located near the former hazardous waste drum storage area and within the influence of the AS/SVE/DPE system, and that lead concentrations were below laboratory detection limits in each of the samples analyzed. The current

constituents that exceed their respective Type 4 RRSs as of the May and August 2015 monitoring event are benzene, cis-1,2-DCE, ethylbenzene, toluene, TCE, VC, and xylenes. Operation of the system has decreased VOC concentrations in the most impacted wells, a trend that is expected to continue over the next monitoring period. Furthermore, by reducing groundwater concentrations on site within the source area, downgradient concentrations, located beyond the influence of the AS/SVE/DPE system, are expected to decrease over time.

The TCE concentration in monitoring well MW-32, the most impacted well at the site, decreased approximately 84 percent, from 540,000 µg/L in November 2014 to 84,000 µg/L in May 2015. Likewise, the TCE concentration decreased from 69,000 µg/L to 12,000 µg/L in well MW-35 over the same period. The cis-1,2-DCE concentration in monitoring well MW-21 decreased from 7,800 µg/L in November 2014 to 1,300 µg/L in May 2015. The cis-1,2-DCE concentration in well MW-36 increased from 9,600 µg/L in November 2014 to 18,000 µg/L in May 2015; however, the TCE concentration decreased from 5,500 µg/L to 330 µg/L over the same period.

VOC concentrations were detected above the Type 1 RRSs (the delineation criteria) in wells MW-28 and MW-29; however, concentrations decreased between the November 2014 and May 2015 monitoring events. These wells are located northeast and downgradient of the site in the direction of groundwater flow. Based on the sampling results for these two wells, it was determined that additional monitoring wells are needed to complete delineation. Details of the proposed monitoring wells are provided in Section 6.2. Groundwater delineation is complete on the northwestern, southwestern, and southeastern portions of the site.

Laboratory analytical reports from the May and August 2015 monitoring events are included in **Appendix B**. The analytical results for organics and lead are summarized in **Table 3a** and **Table 3b,** respectively. Figures illustrating the distribution of chlorinated VOCs (CVOCs) and BTEX compounds are provided as **Figure 4a** and **Figure 4b**, respectively. Trend graphs for CVOC and BTEX concentrations over time are included in **Appendix C**.

4.2 Soil Assessment

In April and July 2015, six soil borings (SB-154 through SB-159) were installed to horizontally and vertically delineate lead impacts in soil on the northern and western portions of the site. The locations and analytical results of the recent and historical soil investigations for lead are presented on **Figure 5**.

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

search, a U.S. Geological Survey (USGS) database search, telephone interviews with the City of East Point Water Department, and a site reconnaissance performed by Arcadis confirmed that there are no active potable water supply wells within a 3-mile radius of the site. More details regarding the well survey are provided below.

4.3.1 EDR Database

EDR maintains a repository of environmental and historical land use information from local, state, and federal databases. EDR was contracted to provide water well database information for the area within 1 mile of the site. EDR identified seven current or former wells within the 1-mile radius. Two of the current wells are not for potable drinking water, but rather they are groundwater monitoring wells. The remaining five current or former wells are no longer in use. The status of these wells was verified in the field, and a photographic log is included as **Appendix E**.

4.3.2 U.S. Geological Survey Database

The USGS web-based database indicates that eight wells are located within a 3-mile radius of the site. Seven of the eight wells identified in the USGS database were also reported by the EDR search. The one additional well (identified as 10DD02) is located northeast of the site on the northeast corner of Hardee Avenue and Astor Avenue and is used for monitoring purposes by USGS. A photographic log and the results of the USGS database search are provided in **Appendix E.**

4.3.3 East Point Water Department

The City of East Point Water Department was contacted to determine if it operates or is aware of any potable wells within the city limits. The Water Department reported that it does not have any documented potable wells. Furthermore, the Department stated that city water is available within a 3-mile radius of the site.

4.4 Air Sparging/Soil Vapor Extraction/Dual-Phase Extraction Remediation System Operation

The following sections provide operational details of the AS/SVE/DPE system. The layout of the AS/SVE/DPE remediation wells is illustrated on **Figure 6**.

4.4.1 Operational Data Collection

To monitor the performance of the AS/SVE/DPE system, the following data were collected during the reporting period:

- Depths to groundwater, DO concentrations, and pressure/vacuum readings at select monitoring wells;
- Groundwater elevations calculated from depth-to-water readings;
- Vacuum and flow rates of the individual SVE wells;
- Pressure and flow rates of the individual AS wells;
- AS and SVE hour-meter readings for associated blowers;
- Vacuum, flow rate, and concentrations of recovered vapors before and after treatment; and
- Groundwater samples from each DPE well.

Based on the performance monitoring results, the system continues to be adjusted and balanced to maintain the desired flow and pressure rates to maximize performance.

4.4.2 Air Sparging (AS) System

The AS system operated with two zones on a cycle of 6 hours on and 6 hours off and corresponded to the operation of the SVE system zones. From April 25, 2015 through August 3, 2015, AS Zones 100 and 200 operated to correspond with SVE Zones 1 and 2, and on August 3, 2015, the system was switched to operate with AS Zones 300 and 400 to correspond with SVE Zones 3 and 4. On September 3, 2015, the system was switched back to operate with AS Zones 100 and 200 to correspond with SVE Zones 1 and 2. The average flow rate to the AS wells was approximately 2 standard cubic feet per minute (scfm) at a wellhead pressure of up to 17 pounds per square inch (psi).

4.4.3 Soil Vapor Extraction (SVE) System

The SVE system operated continuously with Zones 1 and 2 from April 25, 2015 through August 3, 2015, with the exception of two weeks in June when the air compressor on the vapor emissions treatment system was replaced. On August 3, 2015, the system was switched to operate continuously with Zones 3 and 4, and on September 3, 2015, the system was switched to operate with Zones 1 and 2. The average flow rate for each SVE well was approximately 10 scfm with a corresponding

vacuum of approximately 1 inch of mercury (Hg) at the wellhead, and an average total flow rate of 250 scfm with a corresponding vacuum of 2 inches of Hg at the blower.

On April 27, 2015, a drilling contractor installed a 1-inch-diameter, 25-foot-deep SVE well (SVE-321) in the former SB-148 borehole to add a remediation well where VOC concentrations were detected above the RRS. The SVE well was constructed using 23 feet of threaded-joint, Schedule 40, polyvinyl chloride (PVC) well screen connected to 2 feet of solid PVC riser material. The annular space surrounding the well screen was filled with clean #1 grade silica sand to 0.5 foot above the well screen section, and a thin fine sand seal was placed above the sand. Grout completed the well to the surface, and the well was completed in a flush-mounted, watertight, bolt-down traffic-bearing manhole. The SVE-321 piping was connected to the system piping at SVE-319, and will operate within Zone 3.

As a result of focused operation in each of the zones, total recoverable petroleum hydrocarbon concentrations in the SVE vapor samples collected prior to treatment decreased in each of the four zones since startup:

- Zone 1 – an approximately 61 percent decrease (from 9,700 milligrams per cubic meter [mg/m^3] to 3,800 mg/m^3);
- Zone 2 – an approximately 49 percent decrease (from 12,000 mg/m^3 to 6,100 mg/m^3);
- Zone 3 – an approximately 85 percent decrease (from 36,000 mg/m^3 to 5,500 mg/m^3); and
- Zone 4 – an approximately 84 percent decrease (from 36,000 mg/m^3 to 5,900 mg/m^3).

These decreases indicate that the remediation system is operating effectively. The laboratory analytical data are summarized in **Table 5**, and the laboratory analytical reports are included as **Appendix B**.

4.4.4 Vapor Treatment System

Vapors from the SVE system continued to be treated by C3 Technology during this monitoring period. 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 granular-activated carbon (GAC).

The results of the five post-treatment vapor samples collected with the AS/SVE system operating (March 26, April 17, June 2, August 5, and September 2, 2015) indicated 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 B**.

4.4.5 Dual-Phase Extraction System

The DPE system operated continuously with six DPE wells (DPE-109, DPE-118, DPE-305, DPE-307, DPE-408, and MW-32) through September 30, 2015. In addition, based on the groundwater results for MW-7 and a telephone discussion with the EPD to accelerate cleanup, MW-7 was converted to a DPE well in April 2015 by connecting an air supply line and water discharge piping from DPE-109. In June 2015, a pneumatic pump was installed inside MW-7 at approximately 5 feet from the bottom to continuously recover impacted groundwater. DPE-313, which had remained shut down since April 2015 because of an elevated detection of 2-butanone in the discharge monitoring sample, was restarted in August 2015.

On August 31, 2015, water samples were collected from each of the eight DPE wells (DPE-109, DPE-118, DPE-305, DPE-307, DPE-313, DPE-408, MW-7, and MW-32). The results were compared to the February 2014 sample results (startup), and the comparison indicated that total concentrations of COCs decreased 19 percent in DPE-109, 82 percent in DPE-118, 63 percent in DPE-305, 62 percent in DPE-307, 70 percent in DPE-313, and 97 percent in DPE-408. The results for the converted monitoring wells (MW-7 and MW-32) indicated that concentrations increased since the pumps were installed in the wells when compared to the sampling event prior to their startup. These results indicate that recovery of groundwater is expediting the remediation. The laboratory analytical data are summarized in **Table 3a** and shown on **Figure 4a**. The laboratory analytical reports are included as **Appendix B.**

4.4.6 Mass Removal

The mass removal rate for the AS/SVE/DPE system is calculated by multiplying the average vapor concentrations prior to treatment by the flow rate of the SVE system. From startup through September 11, 2015, the SVE system recovered approximately

116,200 pounds of total VOCs, as detected using USEPA Method TO-15. Laboratory analytical data from the system sampling are summarized in **Table 5**.

Additionally, the C3 Technology vapor treatment system generates approximately 8 gallons of product per day treating the recovered vapors from the SVE system. From January 13, 2015 through June 3, 2015, the C3 Technology vapor treatment system generated approximately 1,500 gallons of product, which was stored in the on-site chemical storage tank. On June 3, 2015, a licensed waste hauler transported the product to a fuel recycling facility for disposal. The laboratory analytical data for waste characterization are included in **Appendix B**, and the disposal manifest is included in **Appendix F**. The next disposal event will be scheduled for December 2015.

The amount of mass removed from groundwater via the DPE wells is included in the mass removal calculations for the groundwater recovery and treatment system.

4.5 Groundwater Recovery and Treatment System Operation

4.5.1 Groundwater Recovery and Treatment System

There are six recovery wells (RW-2, RW-3, RW-4, RW-6, RW-7, and RW-8) that remain active. The active recovery wells, as well as extracted groundwater from the DPE wells and the AS/SVE system moisture separator, pump groundwater at a combined average rate of approximately 12 gallons per minute (gpm) to a 10,000-gallon equalization tank for subsequent treatment at the on-site groundwater treatment plant. Flow from each recovery well is continuously metered and recorded periodically. Contaminated groundwater is pumped from the equalization tank to an air stripper where VOCs are removed from the groundwater. Treated groundwater is pumped from the air stripper sump to the 10,000-gallon effluent tank. From the effluent tank, groundwater flows by gravity to the City of Atlanta POTW through a 1-inch Parshall flume.

Influent groundwater is sampled from the piping prior to it entering the equalization tank, while treatment plant effluent is sampled at the effluent storage tank overflow point to the Parshall flume. Influent and effluent samples are collected twice monthly and submitted to the City of Atlanta in accordance with City of Atlanta Discharge Monitoring Permit requirements.

Additionally, vapor emissions from the air stripper are treated by two 2,000-pound vapor phase carbon canisters connected in series prior to discharge to the

atmosphere. Monthly air samples for VOC concentrations at the air stripper discharge stream are collected between the two carbon canisters in series. In the event of breakthrough (two consecutive months with detections), a new carbon unit is added as the second canister in the series. The first carbon canister is then recharged with fresh carbon.

Between April and September 2015, the groundwater treatment system operated 24 hours a day with the exception of brief (less than 8-hour) periods when the system was shut down for routine maintenance. During this period, the treatment system processed 3,445,950 gallons of groundwater at an average groundwater recovery rate of approximately 9.7 gpm (**Table 6**).

In May 2015, water samples were collected from each of the six recovery wells (RW-2, RW-3, RW-4, RW-6, RW-7, and RW-8). In September 2015, water samples were collected only from wells RW-2 and RW-8. The results were compared to the November 2011 sample results, and the comparison indicated that total concentrations of COCs decreased 92 percent in RW-2, 92 percent in RW-3, 100 percent in RW-4, 65 percent in RW-7, and 86 percent in RW-8, and increased slightly, 12 percent, in RW-6. The laboratory analytical data are summarized in **Table 3a** and shown on **Figure 4a**. The laboratory analytical reports are included as **Appendix B.**

4.5.2 Mass Removal

The mass removal rate for the groundwater recovery and treatment system is calculated by multiplying the average influent analytical results by the volume of water discharged. An estimated 209 pounds of total VOCs, as detected using USEPA Method 8260B, were removed from groundwater between April and September 2015 (**Table 6**).

Given the relatively low mass recovery from the groundwater recovery and treatment system, as compared to the AS/SVE/DPE system, operation of the groundwater treatment system will be assessed over the next reporting period to determine its role in the overall remediation of the site. In addition, to the recovery of groundwater from impacted monitoring and recovery wells, the groundwater treatment system treats the groundwater recovered by the AS/SVE/DPE system. The lowering of the water table in the vicinity of the DPE wells, using pneumatic pumps, exposes the smear zone, and allows the SVE system to remediate the deeper soil. Monitoring of the vapor and groundwater concentrations from the DPE wells over the next period will provide data to determine the appropriate time to shut down these wells as well as the groundwater

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.

5.1.2 Groundwater

Groundwater is delineated to below Type 1 RRSs on the northwestern, southwestern, and southeastern portions of the site. Additional delineation is required off site crossgradient and downgradient of wells MW-28 and MW-29 as outlined in the following section. Groundwater is delineated vertically on site to below laboratory detection limits based on the results for well MW-25.

6. Proposed Future Work

6.1 Groundwater Performance Monitoring

Quarterly sampling of select groundwater monitoring wells will continue to assess concentrations of COCs in groundwater and to evaluate remedial progress under the influence of the treatment system. Groundwater analytical data from future sampling events will be used to update the CSM with regard to distribution of COCs in the saturated zone.

6.2 Monitoring Well Installations

Additional permanent monitoring wells, consisting of four shallow wells (MW-37, MW-38, MW-39, and MW-40) and one bedrock well (MW-41) will be installed crossgradient and downgradient of wells MW-28 and MW-29 to delineate groundwater impacts above the Type 1 RRSs.

6.2.1 Shallow Monitoring Wells

Four groundwater monitoring wells will be installed in the upper aquifer at previously selected locations illustrated on **Figure 2** and/or as directed by the Arcadis geologist. Boreholes will be advanced via hollow stem augers to approximately 8 feet below the top of the water table. The monitoring wells will be constructed using threaded-joint, Schedule 40, PVC well casing and screen materials. Each well will be fitted with a 10-foot-long, 0.010-inch, machine-slotted well screen. The screens will be attached to solid PVC riser material that extends to the ground surface. The annular space surrounding the well screen will be filled with clean #1 grade silica sand (or equivalent graded sand sufficient in size such that no more than 10 percent of the grain passes the slotted well screen) to 2 feet above the well screen section. A 2-foot-thick, hydrated bentonite pellet seal will be placed in the borehole above the sand. Bentonite grout will be pumped into the annular space between the PVC casing and native material until it

reaches the ground surface, and each well will be completed in a flush-mounted, watertight, bolt-down traffic-bearing manhole and concrete pad assembly. Watertight locking caps and well tags will be fitted to each well.

6.2.2 Bedrock Monitoring Well

One bedrock groundwater monitoring well will be installed at the site (**Figure 2**). The borehole will be advanced using a combination of hollow stem auger and air rotary drilling methods. A 6-inch-diameter PVC surface casing will be installed in the overburden material extending a minimum of 5 feet into bedrock. The surface casing will be set by pumping grout into the bottom of the casing through a sacrificial plug (grout shoe), allowing grout to fill the annular space between the casing and the borehole from the bottom of the borehole up to ground surface. Once the grout has adequately cured (a minimum of 24 hours), an air hammer tool will be utilized to advance the borehole to the desired completion depth. The bedrock well will be installed within the surface casing and be constructed with a 2-inch-diameter PVC well casing and screened section following the guidelines outlined above.

6.2.3 Groundwater Monitoring Well Development

Each of the groundwater monitoring wells will be developed to facilitate collection of groundwater samples representative of the surrounding aquifer. If potable water is introduced to the borehole during the drilling process, a minimum of five times the volume of water added to the borehole will be removed during the development process. Well development will be complete when development water is considered sediment-free.

6.2.4 Investigation-Derived Waste

Soil, drill cuttings, decontamination fluids, and purge water will be collected in U.S. Department of Transportation-approved 55-gallon drums. All non-hazardous disposable personal protective equipment and sampling materials will be placed in dumpsters at the site. Arcadis will coordinate investigation-derived waste (IDW) disposal in accordance with local, state, and federal regulations.

7. Schedule

A project schedule for work elements outlined in the VRP is provided on **Figure 8**, with the remaining major milestones from the execution of the Consent Order summarized below:

- Within 24 months, an updated CSM will be submitted addressing horizontal delineation of off-site properties unless found to be technically impracticable as defined in the VRPA.
- Within 30 months, an updated CSM illustrating that vertical delineation of COCs has been completed will be prepared and submitted to the Director.

8. Reporting

Semiannual status reports will continue to be submitted to provide updates on the implementation and progress of the Voluntary Investigation and Remediation Plan in accordance with the VRP. The semiannual status reports may include an updated CSM if warranted by site data. Additionally, the projected milestone schedule will be updated to show progress on VRP objectives. VRP Progress Report #3 will be submitted by April 30, 2016.

A Compliance Status Report (CSR) will be prepared for submittal to the EPD following the conclusion of data collection and interpretation activities as outlined in the Voluntary Investigation and Remediation Plan. The CSR will confirm completion of the corrective action specified in the VRP and certify compliance of the site with the applicable RRSs. The CSR will be supported with updated site figures that illustrate boring and well locations, potentiometric surface data, and soil and groundwater sampling results. Tables with borehole and well construction data, soil and groundwater analytical results, and study-related geologic, hydrogeologic, and geophysical data will also be provided.

9. References

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Tables

Table 1
Planned Sample Table - Groundwater
VIRP Progress Report
Former Lafarge Marking
East Point, Georgia

			Semiannual VRP Monitoring			Quarterly Performance Monitoring			
Sample Location	Sample ID	Matrix	Sample Type	VOCs	Total Metals (lead)	Sample Type	VOCs	Total Metals (lead)	Quarterly Sampling (VOCs)
				8260B	6020		8260B	6020	8260B
MW-2	MW-2 (MMDDYYYY)	GW	N	X	X				
MW-3	MW-3 (MMDDYYYY)	GW	N	X	X				
MW-4	MW-4 (MMDDYYYY)	GW	N	X	X				
MW-5R	MW-5R (MMDDYYYY)	GW	N	X	X				
MW-6	MW-6 (MMDDYYYY)	GW	N	X					
MW-7	MW-7 (MMDDYYYY)	GW	N	X		N			X
MW-8	MW-8 (MMDDYYYY)	GW	N	X		N			X
MW-9	MW-9 (MMDDYYYY)	GW	N	X					
MW-10	MW-10 (MMDDYYYY)	GW	N	X					
MW-11	MW-11 (MMDDYYYY)	GW	N	X					
MW-12	MW-12 (MMDDYYYY)	GW	N	X					
MW-13	MW-13 (MMDDYYYY)	GW	N	X					
MW-14	MW-14 (MMDDYYYY)	GW	N	X					
MW-15	MW-15 (MMDDYYYY)	GW	N	X					
MW-16	MW-16 (MMDDYYYY)	GW	N	X					
MW-17	MW-17 (MMDDYYYY)	GW	N	X	X				
MW-18	MW-18 (MMDDYYYY)	GW	N	X					
MW-19	MW-19 (MMDDYYYY)	GW	N	X					
MW-20	MW-20 (MMDDYYYY)	GW	N	X					
MW-21	MW-21 (MMDDYYYY)	GW	N	X		N			X
MW-22	MW-22 (MMDDYYYY)	GW	N	X					
MW-23	MW-23 (MMDDYYYY)	GW	N	X					
MW-24	MW-24 (MMDDYYYY)	GW	N	X					
MW-25	MW-25 (MMDDYYYY)	GW	N	X					
MW-26	MW-26 (MMDDYYYY)	GW	N	X					
MW-27	MW-27 (MMDDYYYY)	GW	N	X					
MW-28	MW-28 (MMDDYYYY)	GW	N	X					
MW-29	MW-29 (MMDDYYYY)	GW	N	X					
MW-30	MW-30 (MMDDYYYY)	GW	N	X	X				
MW-31	MW-31 (MMDDYYYY)	GW	N	X	X				
MW-32	MW-32 (MMDDYYYY)	GW	P*	X		N			X
MW-33	MW-33 (MMDDYYYY)	GW	N	X					
MW-34	MW-34 (MMDDYYYY)	GW	N	X		N			X
MW-35	MW-35 (MMDDYYYY)	GW	N	X		N			X
MW-36	MW-36 (MMDDYYYY)	GW	N	X		N			X
MW-37	MW-37 (MMDDYYYY)	GW	N	X					
RW-02	RW-02 (MMDDYYYY)	GW	P	X		N			X
RW-03	RW-03 (MMDDYYYY)	GW	N	X					
RW-04	RW-04 (MMDDYYYY)	GW	N	X					
RW-06	RW-06 (MMDDYYYY)	GW	N	X					
RW-07	RW-07 (MMDDYYYY)	GW	N	X					
RW-08	RW-08 (MMDDYYYY)	GW	P	X		N			X
DPE-109	DPE-109 (MMDDYYYY)	GW	P*			N			X
DPE-118	DPE-118 (MMDDYYYY)	GW	P			N			X
DPE-305	DPE-305 (MMDDYYYY)	GW	P			N			X
DPE-307	DPE-307 (MMDDYYYY)	GW	P			N			X
DPE-313	DPE-313 (MMDDYYYY)	GW	P			N			X
DPE-408	DPE-408 (MMDDYYYY)	GW	P			N			X
QA/QC SAMPLES									
DUP-01	DUP-01 (MMDDYYYY)	GW	FD	X		FD	X		X
DUP-02	DUP-02 (MMDDYYYY)	GW	FD	X					
DUP-03	DUP-03 (MMDDYYYY)	GW	FD	X					
TB	TB (MMDDYYYY)	GW	TB	X		TB	X		X
EB-01	EB-01 (MMDDYYYY)	GW	EB	X		EB	X		X
EB-02	EB-02 (MMDDYYYY)	GW	EB	X					

NOTES:

Sample Type: MW - monitoring well, DUP- duplicate, PDB passive diffusive bags, N - normal sample; FD - field duplicate; EB - equipment blank; TB - trip blank, P - pumping well, no need to purge, **sample at manifold *(except MW-32 and DPE-109 which share piping)**.
Include sample date within ( ) without slashes, i.e.(102504)

Table 2
Well Construction and Groundwater Elevation Summary - May 2015
Former Lafarge Road Marking
East Point, Georgia

Well No.	Screened Interval Geologic Zone	Total Depth (ft)	Screen Interval (ft)BTOC	Depth to Water (ft)BTOC	Depth to Water (ft)BTOC	Depth to Water (ft)BTOC	Depth to Water (ft)BTOC	Depth to Water (ft)BTOC	Top of Casing Elevation (ft)	Water Level Elevation (ft)	Water Level Elevation (ft)	Water Level Elevation (ft)	Water Level Elevation (ft)	Water Level Elevation (ft)
				May-13	Aug-13	Oct-13	Nov-14	May-15		May-13	Aug-13	Oct-13	Nov-14	May-15
MW-2	Overburden	27.7	17.7-27.7	16.56	15.27	14.62	16.67	14.66	1026.53	1009.97	1011.26	1011.91	1009.86	1011.87
MW-3	Overburden	32.8	22.8-32.8	17.47	16.00	15.42	17.67	10.64	1028.09	1010.62	1012.09	1012.67	1010.42	1017.45
MW-4	Overburden	40	20-40	18.19	17.00	15.90	18.26	17.61	1028.72	1010.53	1011.72	1012.82	1010.46	1011.11
MW-5R	Bedrock	61.2	46.2-61.2	21.35	NM	NM	19.25	NM	1028.24	1006.89	NM	NM	1008.99	NM
MW-6	Overburden	40	25-40	28.48	25.99	24.32	27.38	28.75	1041.48	1013.00	1015.49	1017.16	1014.10	1012.73
MW-7	Bedrock	62.5	47.5-62.5	17.66	15.42	19.89	17.82	17.00	1027.13	1009.47	1011.71	1007.24	1009.31	1010.13
MW-8	Overburden	39.3	29.3-39.3	18.63	17.70	16.90	19.64	19.32	1027.83	1009.20	1010.13	1010.93	1008.19	1008.51
MW-9	Bedrock	81.1	66.1-81.1	11.04	10.35	9.46	11.36	10.12	1020.63	1009.59	1010.28	1011.17	1009.27	1010.51
MW-10	Overburden	57	37-57	11.52	10.79	9.80	11.53	10.58	1020.34	1008.82	1009.55	1010.54	1008.81	1009.76
MW-11	Bedrock	106.3	91.3-106.3	18.42	19.05	18.01	19.11	17.17	1023.46	1005.04	1004.41	1005.45	1004.35	1006.29
MW-12	Overburden	79.2	59.2-79.2	18.27	18.95	18.00	18.98	17.01	1022.66	1004.39	1003.71	1004.66	1003.68	1005.65
MW-13	Bedrock	97	82-97	16.29	17.45	15.23	16.91	14.28	1020.67	1004.38	1003.22	1005.44	1003.76	1006.39
MW-14	Overburden	73.7	53.7-73.7	16.11	16.20	15.38	16.00	14.42	1020.84	1004.73	1004.64	1005.46	1004.84	1006.42
MW-15	Overburden	37	17-37	20.54	19.03	18.72	20.52	19.61	1029.09	1008.55	1010.06	1010.37	1008.57	1009.48
MW-16	Bedrock	56	46-56	21.53	19.74	18.49	20.38	19.44	1029.02	1007.49	1009.28	1010.53	1008.64	1009.58
MW-17	Overburden	36.3	16.3-36.3	23.71	22.32	21.64	23.94	22.68	1033.99	1010.28	1011.67	1012.35	1010.05	1011.31
MW-18	Overburden	38	23-38	30.15	26.84	27.78	30.04	29.58	1043.04	1012.89	1016.20	1015.26	1013.00	1013.46
MW-19	Overburden	29.5	9.5-29.5	19.07	18.71	18.45	19.56	17.60	1023.68	1004.61	1004.97	1005.23	1004.12	1006.08
MW-20	Overburden	27.5	7.5-27.5	11.44	10.53	10.50	12.35	11.74	1020.98	1009.54	1010.45	1010.48	1008.63	1009.24
MW-21	Overburden	25	10.0-25.0	18.85	17.71	17.15	20.15	18.24	1028.56	1009.71	1010.85	1011.41	1008.41	1010.32
MW-22	Overburden	28	8.0-28.0	19.37	19.78	19.08	20.02	18.08	1023.45	1004.08	1003.67	1004.37	1003.43	1005.37
MW-23	Bedrock	69.5	59.5-69.5	25.40	23.70	22.35	26.88	25.68	1037.23	1011.83	1013.53	1014.88	1010.35	1011.55
MW-24	Overburden	60	25-60	25.36	24.97	22.88	27.07	25.85	1037.19	1011.83	1012.22	1014.31	1010.12	1011.34
MW-25	Deep Bedrock	200	190-200	15.09	13.31	13.41	4.76	4.44	1027.99	1012.90	1014.68	1014.58	1023.23	1023.55
MW-26	Overburden	23.5	13.5-23.5	11.46	10.52	10.23	12.01	11.40	1020.75	1009.29	1010.23	1010.52	1008.74	1009.35
MW-27	Bedrock	48.2	46.2-48.2	13.59	12.77	9.44	12.24	10.97	1021.13	1007.54	1008.36	1011.69	1008.89	1010.16
MW-28	Overburden	23.5	13.5-23.5	6.56	5.48	6.41	6.95	6.32	1008.03	1001.47	1002.55	1001.62	1001.08	1001.71
MW-29	Bedrock	45.5	43.5-45.5	5.99	6.49	5.93	6.36	5.75	1007.95	1001.96	1001.46	1002.02	1001.59	1002.20
MW-30	Bedrock	60	50-60	--	--	7.51	9.24	8.53	1017.75	--	--	1010.24	1008.51	1009.22
MW-31	Overburden	35	25-35	--	--	7.74	9.40	8.62	1017.95	--	--	1010.21	1008.55	1009.33
MW-32	Bedrock	60	50-60	--	--	16.73	18.89	NM	1029.84	--	--	1013.11	1010.95	NM
MW-33	Overburden	35	25-35	--	--	18.22	21.11	21.10	1029.56	--	--	1011.34	1008.45	1008.46
MW-34	Overburden/Bedrock	61.5	51.5-61.5	NM	NM	NM	21.73	18.43	Not Surveyed					NM
MW-35	Overburden/Bedrock	61	51-61	NM	NM	NM	20.79	19.65	Not Surveyed					NM

Table 2
Well Construction and Groundwater Elevation Summary - May 2015
Former Lafarge Road Marking
East Point, Georgia

Well No.	Screened Interval Geologic Zone	Total Depth (ft)	Screen Interval (ft)BTOC	Depth to Water (ft)BTOC	Depth to Water (ft)BTOC	Depth to Water (ft)BTOC	Depth to Water (ft)BTOC	Depth to Water (ft)BTOC	Top of Casing Elevation (ft)	Water Level Elevation (ft)	Water Level Elevation (ft)	Water Level Elevation (ft)	Water Level Elevation (ft)	Water Level Elevation (ft)
				May-13	Aug-13	Oct-13	Nov-14	May-15		May-13	Aug-13	Oct-13	Nov-14	May-15
MW-36	Overburden/Bedrock	60.5	50.5-60.5	NM	NM	NM	19.03	21.98	Not Surveyed					NM
RW-1	Overburden	34.5	4.5-34.5	19.98	18.59	17.94	20.17	19.54	1029.68	1009.70	1011.09	1011.74	1009.51	1010.14
RW-2	Overburden/Bedrock	70.2	20.2-70.2	68.00	NM	58.08	NM	NM	1028.05	960.05	NM	969.97	NM	NM
RW-3	Overburden/Bedrock	79.6	19.6-79.6	12.42	NM	10.92	NM	NM	1019.89	1007.47	NM	1008.97	NM	NM
RW-4[1]	Overburden/Bedrock	130.3	30.3-130.3	NM[1]	NM[1]	NM[1]	NM[1]	NM	1023.06	NM[1]	NM[1]	NM[1]	NM	NM
RW-5	Overburden/Bedrock	70.2	20.2-70.2	23.50	21.94	21.14	23.02	22.14	1031.08	1007.58	1009.14	1009.94	1008.06	1008.94
RW-6	Overburden/Bedrock	60.5		14.47	NM	13.04	NM	NM	1023.08	1008.61	NM	1010.04	NM	NM
RW-7	Overburden/Bedrock	70.2		18.60	NM	16.96	NM	NM	1028.05	1009.45	NM	1011.09	NM	NM
RW-8	Overburden/Bedrock	67	50-67											NM
P-2	Overburden	30	20-30	15.09	16.28	12.72	15.16	28.81	1024.73	1009.64	1008.45	1012.01	1009.57	995.92
P-4[2]	Overburden	28	18-28	NM[2]	NM[2]	NM[2]	NM[2]	NM	1017.40	NM[2]	NM[2]	NM[2]	NM[2]	NM
P-6	Overburden	26	16-26	16.61	16.34	14.98	15.37	15.14	1021.09	1004.48	1004.75	1006.11	1005.72	1005.95
P-7	Overburden	26	16-26	21.65	20.42	20.30	22.24	25.64	1031.51	1009.86	1011.09	1011.21	1009.27	1005.87
P-8	Overburden	35	25-35	NM[3]	14.55	NM[3]	15.58	15.60	1021.35	NM[3]	1006.80	NM[3]	1005.77	1005.75

Notes:

[1] RW-4 well seal was unable to be opened

[2] P-4 was covered by asphalt during landowner pavement work

[3] P-8 was inaccessible durint the gauging event due to an obstruction.

[3] MW-5 has an unknown obstruction potentially altering the water level.

NM - Not Measured

Table 3a
Groundwater Analytical Summary
Former Lafarge Road Marking
East Point, Georgia

Location ID	Date Collected	Acetone	Benzene	2-Butanone	Carbon Tetrachloride	Chlorobenzene	Chloroform	Cyclohexane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Methylene Chloride	4-Methyl-2-pentanone	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	Vinyl Chloride	o-Xylene	m,p-Xylene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Type 2 RRS-Groundwater	4,000	5	2,000	5	100	80	10	7	70	100	700	5	2,000	5	1,000	200	5	5	2,000	2	1	- -	10,000
	Type 4 RRS-Groundwater	46,000	8.7	12,000	10	140	80	18,000	520	200	2,000	700	450	4,200	98	5,200	14,000	410	5.2	2,000	2	290	- -	10,000
DPE-109	2/26/2014	<2,500	<250	<2,500	<250	<250	<250	<250	<250	4100	<250	1,100	<250	<500	<250	9,000	<250	<250	1,600	<250	<100	1,200	3,400	NA
DPE-109	4/25/2014	<50	52	<50	<5.0	<5.0	<5.0	150	12	5,900 D	<5.0	170	<5.0	10	29	12,000 D	<5.0	<5.0	3,000 D	<5.0	130	1,300 D	3,700 D	NA
DPE-109	2/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	44	<5.0	940	<5.0	590	<5.0	<10	<5.0	4,100	<5.0	<5.0	56	<5.0	5.2	790	2,100	NA
DPE-109	8/31/2015	<500	<50	<500	<50	<50	<50	<50	<50	440	<50	<50	<50	<100	<50	<50	<50	<50	16,000	<50	<20	<50	<50	NA
DPE-118	2/26/2014	<50	18	<50	<5.0	<5.0	<5.0	22	<5.0	610 D	<5.0	110	<5.0	<10	<5.0	770 D	<5.0	<5.0	11	<5.0	6.2	91	310 D	NA
DPE-118	4/25/2014	<2,500	<250	<2,500	<250	<250	<250	<250	<250	4,400	<250	<250	<250	<500	<250	6,700	<250	<250	1,300	<250	<100	570	1,700	NA
DPE-118	2/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	63	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	33	<5.0	<2.0	<5.0	<5.0	NA
DPE-118	8/31/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	330	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	18	<5.0	<2.0	<5.0	<5.0	NA
DPE-305	2/26/2014	<2,500	3,500	<2,500	<250	<250	<250	660	<250	6,800	<250	4,500	<250	<500	<250	99,000 D	<250	<250	1,300	<250	<100	4,000	15,000	NA
DPE-305	4/25/2014	<2,500	3,100	<2,500	<250	<250	<250	310	<250	11,000 D	<250	3,400	430	590	<250	93,000 D	<250	<250	8,600	<250	<100	3,200	14,000	NA
DPE-305	2/18/2015	<25,000	<2,500	<25,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<5,000	<2,500	27,000	<2,500	<2,500	<2,500	<2,500	<1,000	2,600	11,000	NA
DPE-305	8/31/2015	<25,000	<2,500	<25,000	<2,500	<2,500	<2,500	<2,500	<2,500	5,400	<2,500	<2,500	<2,500	<5,000	<2,500	38,000	<2,500	<2,500	<2,500	<2,500	<1,000	<2,500	6,500	NA
DPE-307	2/26/2014	<2,500	3,200	<2,500	<250	<250	<250	430	<250	550	<250	720	<250	<500	<250	250,000 D	<250	<250	<250	<250	<100	610	2,300	NA
DPE-307	4/25/2014	<2,500	2,700	<2,500	<250	<250	<250	360	<250	400	<250	540	<250	<500	<250	200,000 D	<250	<250	<250	<250	<100	510	2,000	NA
DPE-307	2/19/2015	<250,000	<25,000	<250,000	<25,000	<25,000	<25,000	<25,000	<25,000	<25,000	<25,000	<25,000	<25,000	<50,000	<25,000	160,000	<25,000	<25,000	<25,000	<25,000	<10,000	<25,000	<25,000	NA
DPE-307	8/31/2015	<50,000	<5,000	<50,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<10,000	<5,000	98,000	<5,000	<5,000	<5,000	<5,000	<2,000	<5,000	<5,000	NA
DPE-313	2/26/2014	<50	610 D	110	<5.0	<5.0	<5.0	1,900 D	<5.0	69	<5.0	840 D	<5.0	16	<5.0	64	<5.0	<5.0	<5.0	<5.0	4.7	390 D	2,600 D	NA
DPE-313	4/25/2014	<50	360 D	<50	<5.0	<5.0	<5.0	1,500 D	<5.0	28	<5.0	220 D	<5.0	59	<5.0	1,200 D	<5.0	<5.0	<5.0	<5.0	<2.0	400 D	1,900 D	NA
DPE-313	2/19/2015	<50	110	<50	<5.0	<5.0	<5.0	1,700	<5.0	23	<5.0	950	<5.0	48	<5.0	890	<5.0	<5.0	<5.0	<5.0	<2.0	330	2,600	NA
DPE-313	9/2/2015	<50	43	<50	<5.0	<5.0	<5.0	930	<5.0	14	<5.0	770	<5.0	12	<5.0	93	<5.0	<5.0	<5.0	<5.0	<2.0	150	<5.0	NA
DPE-408	2/26/2014	<2,500	3,300	<2,500	<250	<250	<250	1,100	<250	970	<250	750	<250	<500	<250	15,000 D	<250	<250	<250	<250	<100	720	2,600	NA
DPE-408	4/25/2014	<2,500	3,200	<2,500	<250	<250	<250	1,200	<250	990	<250	770	<250	<500	<250	18,000 D	<250	<250	<250	<250	<100	950	3,500	NA
DPE-408	2/18/2015	<50	190	<50	<5.0	<5.0	<5.0	67	<5.0	660	<5.0	340	<5.0	21	<5.0	4,100	<5.0	<5.0	19	<5.0	5.4	440	1,500	NA
DPE-408	9/2/2015	<50	140	<50	<5.0	<5.0	<5.0	32	<5.0	19	<5.0	30	<5.0	<10	<5.0	360	<5.0	<5.0	<5.0	<5.0	<2.0	57	78	NA
MW-02	5/24/2011	<50	2,400 D	<50	<5.0	<5.0	<5.0	960 D	<5.0	40	<5.0	350 D	<5.0	<10	<5.0	1,100 D	<5.0	<5.0	<5.0	<5.0	<5.0	960 D	390 D	1,700 D	NA
MW-02	5/27/2011	<50 J	2,800 DJ	<50 J	<5.0 J	<5.0 J	<5.0 J	NA	<5.0 J	NA	<5.0 J	440 DJ	<5.0 J	<10 J	<5.0 J	4,400 DJ	<5.0 J	<5.0 J	26 J	<5.0 J	900 DJ	NA	NA	2,200 DJ
MW-02	11/10/2011	<50	2,400 D	<50	<5.0	<5.0	<5.0	1,100 D	<5.0	13	<5.0	470 D	<5.0	<10	<5.0	350 D	<5.0	<5.0	<5.0	<5.0	940 D	150	1,800 D	NA
MW-02	5/16/2012	<50	2,100 D	<50	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	340 D	<5.0	<10	<5.0	650 D	<5.0	<5.0	5.1	<5.0	900 D	NA	NA	1,300 D
MW-02	11/14/2012	<50	2,400 D	<50	<5.0	<5.0	<5.0	1,000 D	<5.0	<5.0	<5.0	370 D	<5.0	<10	<5.0	86	<5.0	<5.0	<5.0	<5.0	<5.0	1,000 D	40	1,200 D	NA
MW-02	5/16/2013	<50	2,400 D	<50	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	280 D	<5.0	<10	<5.0	150	<5.0	<5.0	<5.0	<5.0	<5.0	960 D	NA	1,200 D
MW-02	10/7/2013	<50	3,100 D	<50	<5.0	<5.0	<5.0	1,200 D	<5.0	<5.0	<5.0	490 D	<5.0	<10	<5.0	110	<5.0	<5.0	<5.0	<5.0	<5.0	790 D	75	1,600 D	NA
MW-02	5/30/2014	<50	3,700 D	<50	<5.0	84	<5.0	NA	<5.0	NA	<5.0	490 D	<5.0	<10	<5.0	280 D	<5.0	<5.0	16	<5.0	<5.0	890 D	NA	1,700 D
MW-02	11/24/2014	<50	2,800 D	<50	<5.0	<5.0	<5.0	460 D	<5.0	<5.0	<5.0	300 D	<5.0	<10	<5.0	61	<5.0	<5.0	<5.0	<5.0	<5.0	480 D	48	840 D	NA
MW-02	5/20/2015	<50	280	<50	<5.0	<5.0	<5.0	160	<5.0	<5.0	<5.0	64	<5.0	<10	<5.0	18	<5.0	<5.0	<5.0	<5.0	110	9.3	82	NA
MW-03	5/24/2011	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	150 [150]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	10 [11]	<5.0 [<5]	<5.0 [<5]	NA
MW-03	11/9/2011	<50	13	<50	<5.0	<5.0	<5.0	22	<5.0	1,200 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	22	<5.0	<5.0	36	<5.0	<5.0	NA
MW-03	5/15/2012	<50	10	<50	<5.0	<5.0	<5.0	24	<5.0	720 EJ	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	5.3	<5.0	<5.0	49	<5.0	<5.0	NA
MW-03	11/14/2012	<50	5.3	<50	<5.0	<5.0	<5.0	<5.0	<5.0	1,100 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	9.2	<5.0	<5.0	49	<5.0	<5.0	NA
MW-03	5/16/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	31	<5.0	230 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	22	<5.0	<5.0	NA
MW-03	10/8/2013	<50	8.7	<50	<5.0	<5.0	<5.0	<5.0	<5.0	43	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	7.8	<5.0	7.8	<5.0	<5.0	NA
MW-03	5/28/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	8.3	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-03	11/24/2014	<50	13	<50	<5.0	<5.0	<5.0	38	<5.0	<5.0	<5.0	5.5	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	14	NA
MW-03	5/20/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-04	5/25/2011	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	59 [52]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	57 [48]	<5.0 [<5]	<5.0 [<5]	NA
MW-04	11/11/2011	<50 [<50]	6.5 [6.8]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	120 [130]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	33 [38]	<5.0 [<5]	<5.0 [<5]	10 [12]	<5.0 [<5]	68 [81]	<5.0 [<5]	<5.0 [<5]	NA
MW-04	5/15/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	100	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	12	<5.0	14	<5.0	<5.0	NA
MW-04	11/12/2012	<50	21	<50	<5.0	<5.0	<5.0	<5.0	<5.0	2,400 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	87	<5.0	45	<5.0	<5.0	NA
MW-04	5/16/2013	<50	5.9	<50	<5.0	<5.0	<5.0	<5.0	<5.0	77	<5.0	5.4	<5.0	<10	<5.0	170	<5.0	<5.0	<5.0	<5.0	16	7.1	25	NA
MW-04	10/8/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	38	<5.0	<5.0	<5.0	<10	<5.0	9.4	<5.0	<5.0	6.2	<5.0	<2.0	<5.0	<5.0	NA
MW-04	5/29/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-04	11/24/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-05	5/25/2011	<50	7.2	<50	<5.0	<5.0	<5.0	<5.0	44	14,000 D	8.5	15	9.8	<10	<5.0	41	<5.0	<5.0	1,700 D	<5.0	360 D	<5.0	5.6	NA
MW-05	5/27/2011	<50 J	8.0 J	<50 J	<5.0 J	<5.0 J	<5.0 J	NA	35 J	NA	6.0 J	17 J	6.3 J	<10 J	<5.0 J	42 J	<5.0 J	<5.0 J	1,300 DJ	<5.0 J	460 DJ	NA	NA	<5.0 J
MW-05	11/11/2011	<5,000	<500	<5,000	<500	<500	<500	<500	<500	16,000	<500	<500	<500	<1,000	<500	<500	<500	<500	4,900	<500	<200	<500	<500	NA
MW-05	5/15/2012	<50 [<50]	11 [11]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	58 [61]	16,000 D [14,000 D]	7.6 [8.6]	<5.0 [<5]	28 [29]	<10 [<10]	<5.0 [<5]	5.8 [5.9]	<5.0 [<5]	<5.0 [<5]	6,400 D [6,500 D]	<5.0 [<5]	130 [130]	<5.0 [<5]	<5.0 [<5]	NA
MW-05	11/15/2012	<5,000	<500	<5,000	<500	<500	<500	<500	<500	24,000 D	<500	<500	<500	<1,000	<500	<500	<500	<500	4,200	<500	350	<500	<500	NA
MW-05	5/16/2013	25,000 [<25,000	<2,500 [<2,500	25,000 [<25,00	<2,500 [<2,500]	<2,500 [<2,500]	<2,500 [<2,500]	<2,500 [<2,500]	<2,500 [<2,500]	27,000 [22,000]	<2,500 [<2,500]	<2,500 [<2,500]	<2,500 [<2,500]	<5,000 [<5,000]	<2,500 [<2,500]	2,500 [<2,50	<2,500 [<2,500]	<2,500 [<2,500]	3,500 [3,200]	<2,500 [<2,500]	<1,000 [<1,000]	<2,500 [<2,500	<2,500 [<2,500	NA
MW-05	5/28/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	96	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	110	<5.0	<2.0	<5.0	<5.0	NA
MW-05R	4/16/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	6.9	<5.0	310 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	110	<5.0	6.5	18	27	NA
MW-05R	11/24/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	62	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	150	<5.0	<2.0	<5.0	<5.0	NA
MW-05R	5/20/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	190	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	17	<5.0	6.5	<5.0	<5.0	NA
MW-06	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-06	11/8/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-06	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-06	11/16/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-06	5/14/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-06	10/10/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-06	5/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	7.8	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-06	11/18/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-06	5/15/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-07	5/24/2011	<25,000	<2,500	<25,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<5,000	<2,500	<2,500	<2,500	<2,500	35,000	<2,500	<1,000	<2,500	<2,500	NA
MW-07	5/27/2011	<50 J	<5.0 J	<50 J	<5.0 J	<5.0 J	<5.0 J	NA	<5.0 J	NA	<5.0 J	<5.0 J	<5.0 J	<10 J	19 J	<5.0 J	9.5 J	5.6 J	73,000 DJ	6.8 J	<2.0 J	NA	NA	25 J
MW-07	11/9/2011	<25,000	<2,500	<25,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<5,000	<2,500	<2,500	<2,500	<2,500	20,000	<2,500	<1,000	<2,500	<2,500	NA
MW-07	5/16/2012	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	19 [20]	<5.0 [7.2]	2,100 D [2,100 D]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	21 [23]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	41,000 D [39,000 D]	<5.0 [<5]	<2.0 [<2]	<5.0 [<5]	<5.0 [<5]	NA
MW-07	11/15/2012	<2,500	<250	<2,500	<250	<250	<250	<250	<250	1,600	<250	<250	<250	<500	<250	<250	<250	<250	22,000 D	<250	<100	<250	<250	NA
MW-07	5/14/2013	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	24 [29]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	7.0 [6]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	6.4 [8]	<5.0 [5.2]	6.8 J [11 J]	<5.0 [<5]	<5.0 [<5]	NA
MW-07	10/8/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	48	<5.0	<5.0	<5.0	<10	9.0	8.3	<5.0	<5.0	34,000 D	<5.0	<2.0	19	6.6	NA
MW-07	2/19/2014	<25,000	<2,500	<25,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<5,000	<2,500	<2,500	<2,500	<2,500	21,000	<2,500	<1,000	<2,500	<2,500	NA
MW-07	5/29/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	19	<5.0	6,600 D	<5.0	140	<5.0	56	14	1,700 D	19	<5.0	120,000 D	<5.0	<2.0	200 D	530 D	NA
MW-07	11/25/2014	<5,000 [<5,000]	<500 [<500]	<5,000 [<5,000]	<500 [<500]	<500 [<500]	<500 [<500]	<500 [<500]	<500 [<500]	15,000 [16,000]	<500 [<500]	<500 [<500]	<500 [<500]	<1,000 [<1,000]	<500 [<500]	<500 [<500]	<500 [<500]	<500 [<500]	18,000 [19,000]	<500 [<500]	<200 [<200]	<500 [<500]	<500 [<500]	NA
MW-07	2/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	16	27	12,000	6.4	<5.0	<5.0	<10	8.4	<5.0	<5.0	<5.0	12,000	<5.0	<2.0	<5.0	<5.0	NA
MW-07	5/19/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	17	14	6,200	14	10	<5.0	<10	7.5	6.4	<5.0	<5.0	10,000	<5.0	<2.0	<5.0	13	NA
MW-07	9/1/2015	<5,000	<500	<5,000	<500	<500	<500	<500	<500	<500	<500	<500	<500	<1,000	<500	<500	<500	<500	18,000	<500	<200	<500	<500	NA
MW-08	5/24/2011	<50	330 D	<50	<5.0	<5.0	<5.0	82	30	17,000 D	<5.0	850 D	<5.0	31	6.6	24,000 D	<5.0	<5.0	17	<5.0	590 D	800 D	2,000 D	NA
MW-08	11/9/2011	<50	46	<50	<5.0	<5.0	<5.0	28	<5.0	3,100 D	<5.0	170 D	<5.0	<10	<5.0	3,600 D	<5.0	<5.0	17	<5.0	740 D	190	360 D	NA
MW-08	5/16/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	41	<5.0	<5.0	<5.0	<10	10	<5.0	<5.0	<5.0	9.8	<5.0	<2.0	<5.0	<5.0	NA
MW-08	11/15/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	6.8	<5.0	<5.0	<5.0	5.7	<5.0	<2.0	<5.0	<5.0	NA
MW-08	5/14/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	57	<5.0	<5.0	<5.0	<10	5.2	<5.0	<5.0	<5.0	<5.0	6.0	<2.0	<5.0	<5.0	NA
MW-08	10/8/2013	<50	14	<50	<5.0	<5.0	<5.0	<5.0	<5.0	1,900 D	<5.0	120	<5.0	<10	<5.0	2,700 D	<5.0	<5.0	<5.0	<5.0	110	120	310	NA
MW-08	2/19/2014	<50	13	<50	<5.0	<5.0	<5.0	11	<5.0	1,900 D	<5.0	85	<5.0	<10	<5.0	970 D	<5.0	<5.0	7.1	<5.0	170	91	98	NA
MW-08	5/30/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	72	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	6.4	<5.0	24	<5.0	<5.0	NA
MW-08	11/25/2014	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	17 [16 J]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	2.9 [2.8]	<5.0 [<5]	<5.0 [<5]	NA
MW-08	2/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	7.7	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	NA
MW-08	5/21/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	8.7	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	15	<5.0	<5.0	NA
MW-08	8/31/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	36	<5.0	<5.0	<5.0	<10	<5.0	57	<5.0	<5.0	<5.0	<5.0	15	<5.0	5.3	NA

Table 3a
Groundwater Analytical Summary
Former Lafarge Road Marking
East Point, Georgia

Location ID	Date Collected	Acetone	Benzene	2-Butanone	Carbon Tetrachloride	Chlorobenzene	Chloroform	Cyclohexane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Methylene Chloride	4-Methyl-2-pentanone	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	Vinyl Chloride	o-Xylene	m,p-Xylene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Type 2 RRS-Groundwater		4,000	5	2,000	5	100	80	10	7	70	100	700	5	2,000	5	1,000	200	5	5	2,000	2	1	- -	10,000
Type 4 RRS-Groundwater		46,000	8.7	12,000	10	140	80	18,000	520	200	2,000	700	450	4,200	98	5,200	14,000	410	5.2	2,000	2	290	- -	10,000
MW-09	5/24/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	98	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	12	<5.0	15	<5.0	<5.0	NA
MW-09	11/11/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	94	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	49	<5.0	13	<5.0	<5.0	NA
MW-09	5/14/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	120	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	57	<5.0	8.2	<5.0	<5.0	NA
MW-09	11/14/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	250 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	550 D	<5.0	12	<5.0	<5.0	NA
MW-09	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	34	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	11	<5.0	3.2	<5.0	<5.0	NA
MW-09	10/10/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	20	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.6	<5.0	<5.0	NA
MW-09	5/27/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	13	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	5.1	<5.0	4.9	<5.0	<5.0	NA
MW-09	11/21/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	17	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	19	<5.0	6.7	<5.0	<5.0	NA
MW-09	5/20/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	64	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	56	<5.0	<2.0	<5.0	<5.0	NA
MW-10	5/24/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	37	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	NA
MW-10	11/11/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	20	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	13	<5.0	<5.0	NA
MW-10	5/15/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	18	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.9	<5.0	<5.0	NA
MW-10	11/14/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	6.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-10	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	3.2	<5.0	<5.0	NA
MW-10	10/10/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.9	<5.0	<5.0	NA
MW-10	5/27/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	5.8	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.5	<5.0	<5.0	NA
MW-10	11/21/2014	<50	<5.0	<50	<5.0	5.5	<5.0	<5.0	<5.0	5.3	<5.0	<5.0	<5.0	<10	<5.0	5.3	<5.0	<5.0	<5.0	<5.0	3.0	<5.0	<5.0	NA
MW-10	5/20/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-11	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	81	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	52	<5.0	<2.0	<5.0	<5.0	NA
MW-11	11/9/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	47	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	35	<5.0	<2.0	<5.0	<5.0	NA
MW-11	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	60	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	36	<5.0	2.2	<5.0	<5.0	NA
MW-11	11/13/2012	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	48 [44]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	24 [23]	<5.0 [<5]	<2.0 [<2]	<5.0 [<5]	<5.0 [<5]	NA
MW-11	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	24	<5.0	3.8	<5.0	<5.0	NA
MW-11	10/9/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	26	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	15	<5.0	<2.0	<5.0	<5.0	NA
MW-11	5/28/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	9.6	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-11	11/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	7.6	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-11	5/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	6.6	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-12	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	480 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	310 D	<5.0	2.8	<5.0	<5.0	NA
MW-12	11/9/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	190 D	<5.0	<5.0	<5.0	<10	12	<5.0	<5.0	<5.0	120	<5.0	<2.0	<5.0	<5.0	NA
MW-12	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	240 D	<5.0	<5.0	<5.0	<10	14	<5.0	<5.0	<5.0	110	<5.0	<2.0	<5.0	<5.0	NA
MW-12	11/13/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	250 D	<5.0	<5.0	<5.0	<10	7.8	<5.0	<5.0	<5.0	100	<5.0	<2.0	<5.0	<5.0	NA
MW-12	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	240 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	160	<5.0	<2.0	<5.0	<5.0	NA
MW-12	10/9/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	510 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	480 D	<5.0	10	<5.0	<5.0	NA
MW-12	5/27/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	130	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	85	<5.0	2.7	<5.0	<5.0	NA
MW-12	11/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	33	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	7.9	<5.0	<2.0	<5.0	<5.0	NA
MW-12	5/18/2015	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	39 [34]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	22 [29]	<5.0 [<5]	<2.0 [<2]	<5.0 [<5]	<5.0 [<5]	NA
MW-13	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-13	11/10/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-13	5/10/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-13	11/13/2012	<50	<5.0	<50	<5.0	<5.0	6.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-13	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-13	10/9/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-13	5/21/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-13	11/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-13	5/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-14	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-14	11/10/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-14	5/10/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-14	11/13/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-14	5/15/2013	<50	<5.0	<50	<5.0	<5.0	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-14	10/9/2013	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<2.0 [<2]	<5.0 [<5]	<5.0 [<5]	NA
MW-14	5/21/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-14	11/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-14	5/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	11/9/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	11/13/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	5/13/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	10/9/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	5/21/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	11/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-15	5/19/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-16	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-16	11/9/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-16	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-16	11/13/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-16	5/13/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-16	10/9/2013	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<2.0 [<2]	<5.0 [<5]	<5.0 [<5]	NA
MW-16	5/21/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-16	11/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-16	5/19/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-17	5/24/2011	<50	240 D	<50	<5.0	<5.0	<5.0	<5.0	<5.0	130	<5.0	110	<5.0	190	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	13	<5.0	280	NA
MW-17	11/10/2011	<50	580 D	<50	<5.0	<5.0	<5.0	1,100 D	<5.0	26	<5.0	71	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	3.0	<5.0	210	NA
MW-17	5/14/2012	<50	710 D	<50	<5.0	<5.0	<5.0	1,400 D	<5.0	61	<5.0	88	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.2	<5.0	280	NA
MW-17	11/15/2012	<50	200 D	<50	<5.0	<5.0	<5.0	540 D	<5.0	17	<5.0	21	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.1	<5.0	61	NA
MW-17	5/14/2013	<50	1,300 D	<50	<5.0	<5.0	<5.0	2,300 D	<5.0	190	<5.0	140	<5.0	31	<5.0	7.5	<5.0	<5.0	<5.0	<5.0	21	<5.0	400 D	NA
MW-17	10/7/2013	<50	220 D	<50	<5.0	<5.0	<5.0	1,300 D	<5.0	19	<5.0	61	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.6	<5.0	200	NA
MW-17	5/21/2014	<50 [<50]	560 D [520 D]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	830 D [1,100 D]	<5.0 [<5]	15 [15]	<5.0 [<5]	89 [99]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	6.8 [7.3]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	11 [11]	<5.0 [<5]	320 [360]	NA
MW-17	11/24/2014	<50	360 D	<50	<5.0	<5.0	<5.0	1,600 D	<5.0	17	<5.0	100	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.6	<5.0	300	NA
MW-17	5/19/2015	<50	170	<50	<5.0	<5.0	<5.0	1,000	<5.0	11	<5.0	55	<5.0	15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	140	NA
MW-18	5/23/2011	<50	<5.0	<50	<5.0	<5.0	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-18	11/8/2011	<50	<5.0	<50	<5.0	<5.0	8.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-18	5/8/2012	<50	<5.0	<50	<5.0	<5.0	8.1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-18	11/16/2012	<50	<5.0	<50	<5.0	<5.0	9.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-18	5/14/2013	<50	<5.0	<50	<5.0	<5.0	6.7	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-18	10/10/2013	<50	<5.0	<50	<5.0	<5.0	6.6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-18	5/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-18	11/18/2014	<50	<5.0	<50	<5.0	<5.0	5.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-18	5/15/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	11/10/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	5/10/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	11/13/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	5/14/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	10/9/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	5/21/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	11/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-19	5/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA

Table 3a
Groundwater Analytical Summary
Former Lafarge Road Marking
East Point, Georgia

Location ID	Date Collected	Acetone	Benzene	2-Butanone	Carbon Tetrachloride	Chlorobenzene	Chloroform	Cyclohexane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Methylene Chloride	4-Methyl-2-pentanone	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	Vinyl Chloride	o-Xylene	m,p-Xylene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Type 2 RRS-Groundwater		4,000	5	2,000	5	100	80	10	7	70	100	700	5	2,000	5	1,000	200	5	5	2,000	2	1	- -	10,000
Type 4 RRS-Groundwater		46,000	8.7	12,000	10	140	80	18,000	520	200	2,000	700	450	4,200	98	5,200	14,000	410	5.2	2,000	2	290	- -	10,000
MW-20	5/24/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	6.2	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-20	11/11/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-20	5/15/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-20	11/14/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-20	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-20	10/10/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-20	5/27/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	52	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	4.4	<5.0	<5.0	NA
MW-20	11/21/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-20	5/20/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-21	5/24/2011	<50	21	<50	<5.0	<5.0	<5.0	<5.0	<5.0	1,100 D	<5.0	<5.0	<5.0	<10	<5.0	9.9	<5.0	<5.0	6.1	<5.0	640 D	5.6	<5.0	NA
MW-21	11/9/2011	<50	28	<50	<5.0	<5.0	<5.0	93	5.0	1,400 D	<5.0	<5.0	<5.0	<10	<5.0	11	<5.0	<5.0	9.6	<5.0	640 D	7.4	<5.0	NA
MW-21	5/16/2012	<50	78	<50	<5.0	<5.0	<5.0	170	22	6,800 D	<5.0	<5.0	<5.0	<10	7.1	11	<5.0	<5.0	51	<5.0	690 D	7.9	<5.0	NA
MW-21	11/15/2012	<1,000	100	<1,000	<100	<100	<100	190	<100	9,400 D	<100	<100	<100	<200	<100	<100	<100	<100	<100	<100	500	<100	<100	NA
MW-21	5/14/2013	<50	140	<50	<5.0	<5.0	<5.0	250 D	43	16,000 D	27	<5.0	<5.0	<10	<5.0	15	<5.0	<5.0	6.4	<5.0	930 D	5.4	5.2	NA
MW-21	10/8/2013	<50	64	<50	<5.0	<5.0	<5.0	120	18	10,000 D	11	<5.0	<5.0	<10	<5.0	6.3	<5.0	<5.0	<5.0	<5.0	260 D	<5.0	<5.0	NA
MW-21	2/19/2014	<5,000	<500	<5,000	<500	<500	<500	<500	<500	13,000	<500	<500	<500	<1,000	<500	<500	<500	<500	<500	<500	780	<500	<500	NA
MW-21	5/29/2014	<50 [<50]	48 [53]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	110 J [160 D]	15 [18]	9,300 D [11,000 D]	12 [11]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	6.4 [7.6]	<5.0 [<5]	<5.0 [<5]	<5.0 [5.4]	<5.0 [<5]	420 D [460 D]	<5.0 [<5]	<5.0 [<5]	NA
MW-21	11/25/2014	<50 [<50]	38 [38]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	120 [110]	9.1 [9.2]	7,800 D [7,800 D]	9.2 [9.2]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	6.5 [6.8]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	260 D [270 D]	<5.0 [<5]	<5.0 [<5]	NA
MW-21	2/18/2015	<50	22	<50	<5.0	<5.0	<5.0	73	5.8	5,100	6.6	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	290	<5.0	<5.0	NA
MW-21	5/21/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	24	<5.0	1,300	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	34	<5.0	5.6	NA
MW-21	8/31/2015	<50	9.3	<50	<5.0	<5.0	<5.0	38	<5.0	1700	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	5.5	<5.0	130	<5.0	<5.0	NA
MW-22	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	8.4	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	5.4	<5.0	<2.0	<5.0	<5.0	NA
MW-22	11/9/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-22	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-22	11/15/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-22	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-22	10/9/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	5.1	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-22	5/28/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-22	11/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	15	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-22	5/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	6.5	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-23	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	9.7	<5.0	<5.0	<5.0	<5.0	14	<2.0	<5.0	<5.0	NA
MW-23	11/8/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	9.3	<5.0	<5.0	<5.0	<5.0	11	<2.0	<5.0	<5.0	NA
MW-23	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	10	<5.0	<5.0	<5.0	<5.0	14	<2.0	<5.0	<5.0	NA
MW-23	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	7.7	<5.0	<5.0	<5.0	6.0	14	<2.0	<5.0	<5.0	NA
MW-23	10/10/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	5.0	<5.0	<5.0	<5.0	6.6	11	<2.0	<5.0	<5.0	NA
MW-23	5/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-23	11/18/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	6.4	12	<2.0	<5.0	<5.0	NA
MW-23	5/15/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-24	5/23/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	62	<5.0	<5.0	<5.0	<5.0	15	<2.0	<5.0	<5.0	NA
MW-24	11/8/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	18	<5.0	<5.0	<5.0	<5.0	6.2	<2.0	<5.0	<5.0	NA
MW-24	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-24	11/16/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-24	5/14/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-24	10/10/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-24	5/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-24	11/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-24	5/15/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-25	5/25/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-25	5/10/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-25	11/19/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-25	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-25	10/10/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-25	5/29/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	8.0	<5.0	<2.0	<5.0	<5.0	NA
MW-25	11/25/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-25	5/21/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-26	5/24/2011	<50	<5.0	<50	<5.0	<5.0	11	<5.0	<5.0	200 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	9.1	<5.0	<2.0	<5.0	<5.0	NA
MW-26	11/10/2011	<50	<5.0	<50	<5.0	<5.0	6.7	<5.0	<5.0	110	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	7.2	<5.0	<2.0	<5.0	<5.0	NA
MW-26	5/15/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	30	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	5.5	<5.0	<2.0	<5.0	<5.0	NA
MW-26	11/14/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	7.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-26	5/15/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	47	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-26	10/7/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	200	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	6.4	<5.0	<2.0	<5.0	<5.0	NA
MW-26	2/18/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	95	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-26	5/23/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	53	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-26	11/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	120	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	13	<5.0	<2.0	<5.0	<5.0	NA
MW-26	5/19/2015	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	160 [140]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	16 [15]	<5.0 [<5]	<2.0 [<2]	<5.0 [<5]	<5.0 [<5]	NA
MW-27	5/24/2011	<50	81	<50	<5.0	<5.0	<5.0	<5.0	7.2	2,900 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	76	<5.0	230 D	<5.0	<5.0	NA
MW-27	11/10/2011	<50	110	<50	<5.0	<5.0	<5.0	27	6.1	3,000 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	95	<5.0	160	<5.0	<5.0	NA
MW-27	5/15/2012	<50	150	<50	<5.0	<5.0	<5.0	40	12	3,900 D	<5.0	<5.0	<5.0	<10	6.0	<5.0	<5.0	<5.0	110	<5.0	200 D	<5.0	<5.0	NA
MW-27	11/14/2012	<50	18	<50	<5.0	<5.0	<5.0	<5.0	<5.0	2,300 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	51	<5.0	59	<5.0	<5.0	NA
MW-27	5/16/2013	<50	32	<50	<5.0	<5.0	<5.0	8.4	6.4	4,000 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	62	<5.0	73	<5.0	<5.0	NA
MW-27	10/10/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	2,800 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	58	<5.0	32	<5.0	<5.0	NA
MW-27	2/19/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	2,700 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	58	<5.0	17	<5.0	<5.0	NA
MW-27	5/23/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	870 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	39	<5.0	22	<5.0	<5.0	NA
MW-27	11/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	1,100 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	69	<5.0	5.6	<5.0	<5.0	NA
MW-27	5/19/2015	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	870 [720]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	38 [35]	<5.0 [<5]	<2.0 [<2]	<5.0 [<5]	<5.0 [<5]	NA
MW-28	5/24/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	160	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	150	<5.0	<2.0	<5.0	<5.0	NA
MW-28	11/10/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	160	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	160	<5.0	<2.0	<5.0	<5.0	NA
MW-28	5/16/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	210 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	170	<5.0	<2.0	<5.0	<5.0	NA
MW-28	11/15/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	160	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	130	<5.0	<2.0	<5.0	<5.0	NA
MW-28	5/16/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	340 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	270 D	<5.0	<2.0	<5.0	<5.0	NA
MW-28	10/9/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	700 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	560 D	<5.0	<2.0	<5.0	<5.0	NA
MW-28	5/28/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	1,100 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	580 D	<5.0	2.3	<5.0	<5.0	NA
MW-28	11/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	2,000 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	470 D	<5.0	9.2	<5.0	<5.0	NA
MW-28	5/19/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	1,500	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	340	<5.0	10	<5.0	<5.0	NA
MW-29	5/24/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	470 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	280 D	<5.0	<2.0	<5.0	<5.0	NA
MW-29	11/11/2011	<50 [<50]	<5.0 [<5]	<50 [<50]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	310 D [340 D]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	<10 [<10]	8.8 [7.4]	<5.0 [<5]	<5.0 [<5]	<5.0 [<5]	300 D [250 D]	<5.0 [<5]	2.7 [2.8]	<5.0 [<5]	<5.0 [<5]	NA
MW-29	5/16/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	530 EJ	<5.0	<5.0	<5.0	<10	11	<5.0	<5.0	<5.0	430 EJ	<5.0	<2.0	<5.0	<5.0	NA
MW-29	11/15/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	250 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	97	<5.0	<2.0	<5.0	<5.0	NA
MW-29	5/16/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	340 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	180 D	<5.0	<2.0	<5.0	<5.0	NA
MW-29	10/9/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	610 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	310 D	<5.0	<2.0	<5.0	<5.0	NA
MW-29	5/28/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	1,700 D	6.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	440 D	<5.0	8.4	<5.0	<5.0	NA
MW-29	11/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	2,900 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	480 D	<5.0	23	<5.0	<5.0	NA
MW-29	5/19/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	2,000	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	430	<5.0	7.3	<5.0	<5.0	NA
MW-30	10/8/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.1	<5.0	<5.0	NA
MW-30	5/27/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
MW-30	11/24/2014	<50	59	<50	<5.0	<5.0	<5.0	15	<5.0	<5.0	<5.0	21	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.1	<5.0	54	NA
MW-30	5/19/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA

Table 3a
Groundwater Analytical Summary
Former Lafarge Road Marking
East Point, Georgia

Location ID	Date Collected	Acetone	Benzene	2-Butanone	Carbon Tetrachloride	Chlorobenzene	Chloroform	Cyclohexane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Methylene Chloride	4-Methyl-2-pentanone	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	Vinyl Chloride	o-Xylene	m,p-Xylene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Type 2 RRS-Groundwater		4,000	5	2,000	5	100	80	10	7	70	100	700	5	2,000	5	1,000	200	5	5	2,000	2	1	- -	10,000
Type 4 RRS-Groundwater		46,000	8.7	12,000	10	140	80	18,000	520	200	2,000	700	450	4,200	98	5,200	14,000	410	5.2	2,000	2	290	- -	10,000
MW-31	10/8/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	8.4	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	24	<5.0	<5.0	NA
MW-31	5/27/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	6.1	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	17	<5.0	<5.0	NA
MW-31	11/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	6.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	32	<5.0	<5.0	NA
MW-31	5/19/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	18	<5.0	<5.0	NA
MW-32	10/8/2013	<50	<5.0	<50	8.2	<5.0	<5.0	22	15	6.5	<5.0	280 D	10.0	16	17	3,900 D	30	<5.0	170,000 D	<5.0	<2.0	290 D	1,100 D	NA
MW-32	2/19/2014	50,000 [<50,00	<5,000 [<5,000	50,000 [<50,00	<5,000 [<5,000]	<5,000 [<5,000]	<5,000 [<5,000]	<5,000 [<5,000]	<5,000 [<5,000]	<5,000 [<5,000]	<5,000 [<5,000]	<5,000 [<5,000]	<5,000 [<5,000]	<10,000 [<10,000]	<5,000 [<5,000]	2,000 [10,00	<5,000 [<5,000]	<5,000 [<5,000]	400,000 D [460,000 D	<5,000 [<5,000]	<2,000 [<2,000]	<5,000 [<5,000	<5,000 [<5,000	NA
MW-32	4/16/2014	<5,000	<500	<5,000	<500	<500	<500	<500	<500	<500	<500	<500	<500	<1,000	<500	1,200	<500	<500	67,000 D	<500	<200	<500	<500	NA
MW-32	5/30/2014	<50	21	<50	11	44	<5.0	40	71	15	<5.0	510 D	47	240	26	11,000 D	38	14	470,000 D	<5.0	<2.0	510 D	1,900 D	NA
MW-32	11/20/2014	1,100 D	49 J	550 D	<5.0 J	<5.0	6.6 J	<5.0	81 J	14 J	<5.0	580 D	130 J	470 DJ	26 J	12,000 DJ	36 J	110 J	540,000 DJ	<5.0	<2.0	570 D	2,100 D	NA
MW-32	2/18/2015	<25,000	<2,500	<25,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<5,000	<2,500	<2,500	<2,500	<2,500	59,000	<2,500	<1,000	<2,500	<2,500	NA
MW-32	5/15/2015	<250,000	<25,000	<250,000	<25,000	<25,000	<25,000	<25,000	<25,000	<25,000	<25,000	<25,000	<25,000	<50,000	<25,000	<25,000	<25,000	<25,000	84,000	<25,000	<10,000	<25,000	<25,000	NA
MW-32	9/1/2015	<25,000	<2,500	<25,000	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<2,500	<5,000	<2,500	<2,500	<2,500	<2,500	91,000	<2,500	<1,000	<2,500	<2,500	NA
MW-33	10/8/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	55	<5.0	1,100 D	<5.0	170	<5.0	<10	<5.0	840 D	<5.0	<5.0	<5.0	<5.0	350 D	180	270	NA
MW-33	5/29/2014	50	12	50	5.0	5.0	5.0	49	5.0	1,700 D	5.0	300 D	5.0	10	5.0	4,700 D	5.0	5.0	47	5.0	4.4	290 D	930 D	NA
MW-33	11/24/2014	<50	7.7	<50	<5.0	<5.0	<5.0	81	<5.0	660 D	<5.0	420 D	<5.0	<10	<5.0	2,000 D	<5.0	<5.0	<5.0	<5.0	90	380 D	920 D	NA
MW-33	5/21/2015	56	21	<50	<5.0	<5.0	<5.0	110	5.4	4,500	<5.0	290	<5.0	58	<5.0	12,000	<5.0	<5.0	<5.0	<5.0	15	730	1,300	NA
MW-34	4/16/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	7.0	<5.0	<5.0	<5.0	<10	<5.0	21	<5.0	<5.0	4,900 D	<5.0	<2.0	<5.0	<5.0	NA
MW-34	11/24/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	400 D	<5.0	<2.0	<5.0	<5.0	NA
MW-34	2/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	160	<5.0	<2.0	<5.0	<5.0	NA
MW-34	5/21/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	120	<5.0	<2.0	<5.0	<5.0	NA
MW-34	9/1/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	36	<5.0	<2.0	<5.0	<5.0	NA
MW-35	4/16/2014	<2,500	<250	<2,500	<250	<250	<250	<250	<250	<250	<250	<250	<250	<500	<250	340	<250	<250	14,000 D	<250	<100	<250	<250	NA
MW-35	11/24/2014	<5,000	<500	<5,000	<500	<500	<500	<500	<500	<500	<500	<500	<500	<1,000	<500	<500	<500	<500	69,000 D	<500	<200	<500	<500	NA
MW-35	2/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	45	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	8,400	<5.0	<2.0	<5.0	<5.0	NA
MW-35	5/21/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	230	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	12,000	<5.0	<2.0	<5.0	<5.0	NA
MW-35	9/1/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	550	<5.0	<5.0	<5.0	<10	<5.0	5.1	<5.0	<5.0	4,000	<5.0	<2.0	<5.0	<5.0	NA
MW-36	4/17/2014	<2,500	<250	<2,500	<250	<250	<250	<250	<250	1,600	<250	<250	<250	<500	<250	490	<250	<250	16,000 D	<250	<100	<250	<250	NA
MW-36	11/20/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	33	9,600 D	<5.0	11	<5.0	20	<5.0	51	<5.0	<5.0	5,500 D	<5.0	10	<5.0	15	NA
MW-36	2/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	29	9,200	<5.0	7.0	<5.0	<10	<5.0	34	<5.0	<5.0	4,800	<5.0	10	<5.0	7.8	NA
MW-36	5/15/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	40	18,000	5.4	14	<5.0	<10	<5.0	65	<5.0	<5.0	330	<5.0	13	<5.0	22	NA
MW-36	9/1/2015	<500	<50	<500	<50	<50	<50	<50	<50	14,000	<50	<50	<50	<100	<50	53	<50	<50	910	<50	52	<50	<50	NA
RW-02	11/11/2011	<5,000	<500	<5,000	<500	<500	<500	<500	<500	12,000	<500	<500	<500	<1,000	<500	8,700	<500	<500	<500	<500	1,100	<500	750	NA
RW-02	5/8/2012	<50	940 D	<50	<5.0	<5.0	5.3	120	25	12,000 D	<5.0	770 D	<5.0	49	<5.0	27,000 D	<5.0	<5.0	44	<5.0	1,300 D	770 D	2,800 D	NA
RW-02	11/19/2012	<50	45	<50	<5.0	<5.0	<5.0	18	<5.0	1,300 D	<5.0	8.5	<5.0	<10	<5.0	1,100 D	<5.0	<5.0	41	<5.0	120	51	140	NA
RW-02	5/13/2013	<1,000	220	<1,000	<100	<100	<100	<100	<100	4,700 D	<100	<100	<100	<200	<100	7,000 DJ	<100	<100	<100	<100	500	240	820	NA
RW-02	10/14/2013	<50	640 EJ	<50	<2.0	<10	3.9	NA	20	12,000 EJ	3.3	NA	900 EJ	<10	<2.0	<2.0	<2.0	<2.0	71	<5.0	1,100 EJ	840 EJ	2,600 EJ	3,400 EJ
RW-02	5/23/2014	<5,000	<500	<5,000	<500	<500	<500	<500	<500	5,700	<500	<500	<500	<1,000	<500	13,000	<500	<500	<500	<500	940	<500	1,200	NA
RW-02	11/25/2014	<50	200	<50	<5.0	<5.0	<5.0	24	5.1	3,600 D	<5.0	<5.0	<5.0	13	<5.0	4,500 D	<5.0	<5.0	180	<5.0	480 D	320 D	890 D	NA
RW-02	2/18/2015	<2,500	<250	<2,500	<250	<250	<250	<250	<250	2,000	<250	280	<250	<500	<250	8,900	<250	<250	<250	<250	420	460	1,400	NA
RW-02	5/18/2015	<50	14	<50	<5.0	<5.0	<5.0	<5.0	<5.0	480	<5.0	<5.0	<5.0	<10	<5.0	260	<5.0	<5.0	53	<5.0	39	90	120	NA
RW-02	9/2/2015	<50	8.8	<50	<5.0	<5.0	<5.0	11	<5.0	620	<5.0	45	<5.0	<10	<5.0	510	<5.0	<5.0	8.4	<5.0	280	110	260	NA
RW-03	11/11/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	220 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	26	<5.0	6.0	<5.0	<5.0	NA
RW-03	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	190 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	38	<5.0	4.9	<5.0	<5.0	NA
RW-03	11/19/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	210 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	52	<5.0	4.6	<5.0	<5.0	NA
RW-03	5/13/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	100	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	13	<5.0	8.5	<5.0	<5.0	NA
RW-03	10/14/2013	<50	<2.0	<50	<2.0	<10	<2.0	NA	<2.0	44	<2.0	<2.0	<10	NA	<2.0	4.3	<2.0	<2.0	5.1	<5.0	7.8	<5.0	<5.0	<5.0
RW-03	5/23/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	20	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.7	<5.0	<5.0	NA
RW-03	11/17/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	9.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.8	<5.0	<5.0	NA
RW-03	5/20/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	15	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	4.0	<5.0	<5.0	NA
RW-04	11/9/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	49	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	47	<5.0	<2.0	<5.0	<5.0	NA
RW-04	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	63	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	46	<5.0	<2.0	<5.0	<5.0	NA
RW-04	11/19/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	63	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	52	<5.0	<2.0	<5.0	<5.0	NA
RW-04	5/13/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	48	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	32	<5.0	<2.0	<5.0	<5.0	NA
RW-04	10/14/2013	<50	<2.0	<50	<2.0	<10	<2.0	NA	<2.0	8.1	<2.0	<2.0	<10	NA	<2.0	<2.0	<2.0	<2.0	5.5	<5.0	<2.0	<5.0	<5.0	<5.0
RW-04	5/23/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
RW-04	11/17/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	6.6	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	5.4	<5.0	<2.0	<5.0	<5.0	NA
RW-04	5/20/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	NA
RW-06	11/11/2011	<50	6.3	<50	<5.0	<5.0	<5.0	<5.0	<5.0	180	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	16	<5.0	11	<5.0	<5.0	NA
RW-06	5/8/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	120	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6.4	<5.0	<5.0	NA
RW-06	11/19/2012	<50	6.0	<50	<5.0	<5.0	<5.0	8.0	<5.0	340 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	17	<5.0	18	<5.0	<5.0	NA
RW-06	5/13/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	210 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	12	<5.0	16	<5.0	<5.0	NA
RW-06	10/14/2013	<50	7.1	<50	<2.0	<10	2.8	NA	<2.0	420 D	<2.0	<2.0	<10	NA	<2.0	<2.0	<2.0	<2.0	17	<5.0	16	<5.0	<5.0	<5.0
RW-06	5/23/2014	<50	10	<50	<5.0	<5.0	<5.0	13	<5.0	360 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	16	<5.0	44	<5.0	<5.0	NA
RW-06	11/17/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	5.7	<5.0	370 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	13	<5.0	19	<5.0	<5.0	NA
RW-06	5/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	210	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	8.1	<5.0	21	<5.0	<5.0	NA
RW-07	11/11/2011	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	33	<5.0	<5.0	<5.0	<10	<5.0	31	<5.0	<5.0	<5.0	<5.0	8.8	10	17	NA
RW-07	5/8/2012	<50	6.1	<50	<5.0	<5.0	<5.0	<5.0	<5.0	38	<5.0	<5.0	<5.0	<10	<5.0	35	<5.0	<5.0	<5.0	<5.0	13	10	23	NA
RW-07	11/19/2012	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	4.2	<5.0	<5.0	NA
RW-07	5/13/2013	<50	28	<50	<5.0	<5.0	<5.0	<5.0	<5.0	130	<5.0	8.8	<5.0	<10	<5.0	140	<5.0	<5.0	<5.0	<5.0	58	38	100	NA
RW-07	10/14/2013	<50	<2.0	<50	<2.0	<10	<2.0	NA	<2.0	36	<2.0	<2.0	<10	NA	<2.0	<2.0	<2.0	<2.0	2.5	<5.0	6.4	<5.0	<5.0	<5.0
RW-07	5/23/2014	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	17	<5.0	<5.0	NA
RW-07	5/18/2015	<50	<5.0	<50	<5.0	<5.0	5.6	<5.0	<5.0	16	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	13	<5.0	<5.0	NA
RW-08	10/7/2013	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	1,200 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	3,100 D	<5.0	20	<5.0	6.0	NA
RW-08	2/19/2014	<50	6.9	<50	<5.0	<5.0	<5.0	<5.0	<5.0	700 D	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	400 D	<5.0	48	<5.0	<5.0	NA
RW-08	11/17/2014	<50	470 D	<50	<5.0	<5.0	<5.0	74	13	9,800 D	<5.0	530 D	<5.0	40	<5.0	20,000 D	<5.0	<5.0	120	<5.0	1,000 D	650 D	2,200 D	NA
RW-08	2/18/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	630	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	170	<5.0	2.1	<5.0	<5.0	NA
RW-08	5/20/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	830	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	410	<5.0	4.9	<5.0	<5.0	NA
RW-08	9/2/2015	<50	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	540	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	46	<5.0	13	<5.0	<5.0	NA

Exceeds Type 2 RRS
Exceeds Type 4 RRS

Table 3b
Historical and Recent Groundwater Analytical Summary - Lead
Former Lafarge Road Marking
East Point, Georgia

Location ID	Date Collected	Lead
		ug/L
Type 1 RRS		15
Type 4 RRS		15
MW-02	5/27/2011	<10
MW-02	5/16/2012	<10
MW-02	5/16/2013	<10
MW-02	10/7/2013	<10
MW-02	5/30/2014	<10
MW-02	11/24/2014	<10
MW-02	5/20/2015	1.25
MW-03	10/8/2013	<10
MW-03	11/24/2014	<10
MW-03	5/20/2015	4.91
MW-04	10/8/2013	14.1
MW-04	11/24/2014	<10
MW-05	5/27/2011	<10
MW-05R	11/24/2014	<10
MW-05R	5/20/2015	<1.00
MW-07	5/27/2011	<10
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	1.30
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-31	10/8/2013	<10
MW-31	11/20/2014	<10
MW-31	5/19/2015	3.09
MW-32	10/8/2013	<10
MW-33	10/8/2013	<10

Table 4a
Historical and Recent Soil Analytical Summary - Organics
Former Lafarge Road Marking
East Point, Georgia

Location ID	Depth	Date	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane
			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
		Type 2 RRS	400	0.5	–	–	–	–	–	0.5	10		1		74						110
		Type 4 RRS	400	0.5	–	–	–	–	–	0.5	10		1.3		368						134
SB-1	1 - 2	3/9/2010	<0.088	**0.011**	NA	NA	NA	<0.044	<0.0088	NA	NA	NA	NA	NA	**0.0076**	NA	NA	NA	NA	NA	NA
SB-1	15 - 17	3/9/2010	<460	<23	NA	NA	NA	<230	<46	NA	NA	NA	NA	NA	<23	NA	NA	NA	NA	NA	NA
SB-1	20 - 22	3/9/2010	<0.074	**0.015**	NA	NA	NA	<0.037	**0.011**	NA	NA	NA	NA	NA	**3.8**	NA	NA	NA	NA	NA	NA
SB-2	1 - 2	3/9/2010	<0.088	**0.037**	NA	NA	NA	<0.044	<0.0088	NA	NA	NA	NA	NA	**0.016**	NA	NA	NA	NA	NA	NA
SB-2	13 - 15	3/9/2010	<54	<2.7	NA	NA	NA	<27	<5.4	NA	NA	NA	NA	NA	<2.7	NA	NA	NA	NA	NA	NA
SB-2	20 - 22	3/9/2010	<43	<2.2	NA	NA	NA	<22	<4.3	NA	NA	NA	NA	NA	<2.2	NA	NA	NA	NA	NA	NA
SB-3	1 - 2	3/9/2010	<0.086	**0.013**	NA	NA	NA	<0.043	<0.0086	NA	NA	NA	NA	NA	**0.0088**	NA	NA	NA	NA	NA	NA
SB-3	8 - 10	3/9/2010	<0.069	**0.016**	NA	NA	NA	<0.035	<0.0069	NA	NA	NA	NA	NA	<0.0035	NA	NA	NA	NA	NA	NA
SB-3	20 - 22	3/9/2010	<0.091	**0.063**	NA	NA	NA	<0.046	<0.0091	NA	NA	NA	NA	NA	<0.0046	NA	NA	NA	NA	NA	NA
SB-4	1 - 2	3/9/2010	<39	<2	NA	NA	NA	<20	<3.9	NA	NA	NA	NA	NA	<2	NA	NA	NA	NA	NA	NA
SB-4	18 - 20	3/9/2010	<0.092	**0.3**	NA	NA	NA	<0.046	<0.0092	NA	NA	NA	NA	NA	**0.014**	NA	NA	NA	NA	NA	NA
SB-4	20 - 22	3/9/2010	<50	<2.5	NA	NA	NA	<25	<5	NA	NA	NA	NA	NA	<2.5	NA	NA	NA	NA	NA	NA
SB-5	1 - 2	3/9/2010	<45	<2.3	NA	NA	NA	<23	<4.5	NA	NA	NA	NA	NA	<2.3	NA	NA	NA	NA	NA	NA
SB-5	10 - 12	3/9/2010	<440	<22	NA	NA	NA	<220	<44	NA	NA	NA	NA	NA	<22	NA	NA	NA	NA	NA	NA
SB-5	20 - 22	3/9/2010	<420	<21	NA	NA	NA	<210	<42	NA	NA	NA	NA	NA	<21	NA	NA	NA	NA	NA	NA
SB-6	1 - 2	3/9/2010	<0.098	<0.0049	NA	NA	NA	<0.049	<0.0098	NA	NA	NA	NA	NA	<0.0049	NA	NA	NA	NA	NA	NA
SB-6	10 - 12	3/9/2010	<850	<42	NA	NA	NA	<420	<85	NA	NA	NA	NA	NA	<42	NA	NA	NA	NA	NA	NA
SB-6	20 - 22	3/9/2010	<410	<20	NA	NA	NA	<200	<41	NA	NA	NA	NA	NA	**39**	NA	NA	NA	NA	NA	NA
SB-7	1 - 2	3/9/2010	<8.7	<0.43	NA	NA	NA	<4.3	<0.87	NA	NA	NA	NA	NA	<0.43	NA	NA	NA	NA	NA	NA
SB-7	8 - 10	3/9/2010	<450	<23	NA	NA	NA	<230	<45	NA	NA	NA	NA	NA	<23	NA	NA	NA	NA	NA	NA
SB-7	20 - 22	3/9/2010	<430	<22	NA	NA	NA	<220	<43	NA	NA	NA	NA	NA	<22	NA	NA	NA	NA	NA	NA
SB-8	1 - 2	3/9/2010	**0.2**	<0.0039	NA	NA	NA	<0.039	<0.0077	NA	NA	NA	NA	NA	<0.0039	NA	NA	NA	NA	NA	NA
SB-8	13 - 15	3/9/2010	<44	<2.2	NA	NA	NA	<22	<4.4	NA	NA	NA	NA	NA	**35**	NA	NA	NA	NA	NA	NA
SB-8	20 - 22	3/9/2010	<41	<2	NA	NA	NA	<20	<4.1	NA	NA	NA	NA	NA	**17**	NA	NA	NA	NA	NA	NA
SB-9	1 - 2	3/9/2010	<400	<20	NA	NA	NA	<200	<40	NA	NA	NA	NA	NA	<20	NA	NA	NA	NA	NA	NA
SB-9	5 - 7	3/9/2010	<42	<2.1	NA	NA	NA	**45**	<4.2	NA	NA	NA	NA	NA	<2.1	NA	NA	NA	NA	NA	NA
SB-9	20 - 22	3/9/2010	<410	<20	NA	NA	NA	<200	<41	NA	NA	NA	NA	NA	<20	NA	NA	NA	NA	NA	NA
SB-10	1 - 2	8/24/2010	<2.8 *	<0.28	NA	NA	NA	<1.4	<0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-10	12.5 - 15	8/24/2010	<0.062 *	**0.079**	NA	NA	NA	<0.031	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-10	17.5 - 20	8/24/2010	<310 *	<31	NA	NA	NA	<150	<61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-11	1 - 2	8/24/2010	<5.1 *	<0.51	NA	NA	NA	<2.5	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-11	12.5 - 15	8/24/2010	<0.05 *	<0.005	NA	NA	NA	<0.025	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-11	17.5 - 20	8/24/2010	<100 *	<10	NA	NA	NA	<52	<21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-12	1 - 2	8/24/2010	<1.4 *	<0.14	NA	NA	NA	<0.72 *	<0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-12	10 - 12.5	8/24/2010	<0.069 *F	<0.0069	NA	NA	NA	<0.034	<0.014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-12	17.5 - 20	8/24/2010	<0.063 *	<0.0063	NA	NA	NA	<0.031	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-13	1 - 2	8/24/2010	<0.05 *F	<0.005	NA	NA	NA	<0.025 F	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-13	7.5 - 10	8/24/2010	<160 *	<16	NA	NA	NA	<80	<32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-13	12.5 - 15	8/24/2010	<190 *	<19	NA	NA	NA	<94	<38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-14	1 - 2	8/24/2010	<0.84 *	<0.084	NA	NA	NA	<0.42 *	<0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-14	12.5 - 15	8/24/2010	<0.076 *	<0.0076	NA	NA	NA	<0.038	<0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-14	17.5 - 20	8/24/2010	<0.067 *	<0.0067	NA	NA	NA	<0.034	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-15	1 - 2	8/25/2010	<1.1 *	<0.11	NA	NA	NA	<0.54	<0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-15	8 - 10	8/25/2010	<0.061 *	**0.026**	NA	NA	NA	<0.031	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-15	17.5 - 20	8/25/2010	<0.062 *	<0.0062	NA	NA	NA	<0.031 *	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-16	1 - 2	8/25/2010	<0.058 *	<0.0058	NA	NA	NA	<0.029	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-16	8 - 10	8/25/2010	<0.058 *	<0.0058	NA	NA	NA	<0.029	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-16	15 - 17.5	8/25/2010	<0.066 *	<0.0066	NA	NA	NA	<0.033	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-17	7.5 - 10	8/25/2010	<1.8 *	<0.18	NA	NA	NA	<0.9 *	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-17	12.5 - 15	8/25/2010	<1.7 *	<0.17	NA	NA	NA	<0.83 *	<0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-18	7.5 - 10	8/25/2010	<1.6 *	<0.16	NA	NA	NA	<0.8	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-18	17.5 - 20	8/25/2010	<4.3 *	<0.43	NA	NA	NA	<2.1	<0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-19	1 - 2	8/25/2010	<1.6 *	<0.16	NA	NA	NA	<0.78	<0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-19	7.5 - 10	8/25/2010	<1.6 *	<0.16	NA	NA	NA	<0.8	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-19	12.5 - 15	8/25/2010	<1.8 *	<0.18	NA	NA	NA	<0.92	<0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-19	22.5 - 25	8/25/2010	<280 *	<28	NA	NA	NA	<140	<57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-20	17.5 - 20	8/25/2010	<1.5 *	<0.15	NA	NA	NA	<0.76	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-21	1 - 2	8/25/2010	**0.15 ***	<0.0052	NA	NA	NA	<0.026 *	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-21	7.5 - 10	8/25/2010	<5.4 *	<0.54	NA	NA	NA	<2.7	<1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-21	17.5 - 20	8/25/2010	<860 *	<86	NA	NA	NA	<430	<170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-23	10 - 12.5	8/25/2010	<0.1 *	<0.01	NA	NA	NA	<0.051	<0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-23	17.5 - 20	8/25/2010	<0.064 *	<0.0064	NA	NA	NA	<0.032 *	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-24	1 - 2	8/25/2010	<1.4	<0.14	NA	NA	NA	<0.72	<0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-24	7.5 - 10	8/25/2010	<1.7 *	<0.17	NA	NA	NA	<0.86	<0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-24	17.5 - 20	8/25/2010	<300 *	<30	NA	NA	NA	<150	<59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-25	1 - 2	8/25/2010	<0.076 *	**0.01**	NA	NA	NA	<0.038	<0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-25	10 - 12.5	8/25/2010	<5.9 F	<0.59	NA	NA	NA	**17 F**	<1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-25	15 - 17.5	8/25/2010	<330 *	<33	NA	NA	NA	<170	<66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4a
Historical and Recent Soil Analytical Summary - Organics
Former Lafarge Road Marking
East Point, Georgia

Location ID	Depth	Date	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Methylene Chloride	4-Methyl-2-pentanone	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride	m,p-Xylene	o-Xylene
			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
		Type 2 RRS		0.7	7			- -		30	0.5	200	0.5	100	20	0.5	0.5	0.0002	- -	20
		Type 4 RRS		3.7	7			- -		38	2.3	200	0.89	100	98	0.8	0.5	0.00025	- -	20
SB-1	1 - 2	3/9/2010	NA	NA	**0.51**	<0.0044	NA	NA	NA	**0.0044**	**0.026**	<0.0088	<0.0044	**0.39**	NA	NA	**1.3**	NA	**0.013**	<0.0044
SB-1	15 - 17	3/9/2010	NA	NA	<23	<23	NA	NA	NA	**69**	<23	<46	<23	**94**	NA	NA	**39**	NA	**260**	**70**
SB-1	20 - 22	3/9/2010	NA	NA	**0.35**	<0.0037	NA	NA	NA	**5**	<0.0037	<0.0074	**0.053**	**7.4**	NA	NA	**2.7**	NA	**15**	**4.3**
SB-2	1 - 2	3/9/2010	NA	NA	**0.33**	<0.0044	NA	NA	NA	**0.29**	**0.079**	<0.0088	**0.0064**	**3**	NA	NA	**6.7**	NA	**0.96**	**0.26**
SB-2	13 - 15	3/9/2010	NA	NA	<2.7	<2.7	NA	NA	NA	<2.7	<2.7	<5.4	<2.7	**7.5**	NA	NA	**7.7**	NA	**6.2**	<2.7
SB-2	20 - 22	3/9/2010	NA	NA	<2.2	<2.2	NA	NA	NA	<2.2	<2.2	<4.3	<2.2	**6.9**	NA	NA	**4.6**	NA	**7**	**2.6**
SB-3	1 - 2	3/9/2010	NA	NA	**2.4**	**0.016**	NA	NA	NA	**0.0091**	**0.0078**	<0.0086	**0.0079**	**0.92**	NA	NA	**31**	NA	**0.023**	<0.0043
SB-3	8 - 10	3/9/2010	NA	NA	**0.084**	<0.0035	NA	NA	NA	**0.0069**	**0.0062**	<0.0069	<0.0035	**0.74**	NA	NA	**1.1**	NA	**0.019**	**0.0037**
SB-3	20 - 22	3/9/2010	NA	NA	**0.25**	<0.0046	NA	NA	NA	**0.077**	**0.07**	<0.0091	<0.0046	**2.8**	NA	NA	**2.4**	NA	**0.35**	**0.053**
SB-4	1 - 2	3/9/2010	NA	NA	<2	<2	NA	NA	NA	<2	<2	<3.9	<2	**22**	NA	NA	**14**	NA	**5**	<2
SB-4	18 - 20	3/9/2010	NA	NA	**1.4**	<0.0046	NA	NA	NA	**0.27**	**0.09**	**0.018**	**0.0048**	**7.9**	NA	NA	**7.5**	NA	**0.77**	**0.24**
SB-4	20 - 22	3/9/2010	NA	NA	<2.5	<2.5	NA	NA	NA	<2.5	<2.5	<5	<2.5	**7.2**	NA	NA	**3.4**	NA	<5	<2.5
SB-5	1 - 2	3/9/2010	NA	NA	<2.3	<2.3	NA	NA	NA	<2.3	<2.3	<4.5	<2.3	**27**	NA	NA	**2.7**	NA	<4.5	<2.3
SB-5	10 - 12	3/9/2010	NA	NA	<22	<22	NA	NA	NA	**35**	<22	<44	<22	**1,200**	NA	NA	<22	NA	**95**	<22
SB-5	20 - 22	3/9/2010	NA	NA	<21	<21	NA	NA	NA	<21	<21	<42	<21	**530**	NA	NA	<21	NA	<42	<21
SB-6	1 - 2	3/9/2010	NA	NA	<0.0049	<0.0049	NA	NA	NA	<0.0049	<0.0049	<0.0098	<0.0049	**0.022**	NA	NA	**0.019**	NA	<0.0098	<0.0049
SB-6	10 - 12	3/9/2010	NA	NA	<42	<42	NA	NA	NA	<42	<42	<85	<42	**580**	NA	NA	<42	NA	<85	<42
SB-6	20 - 22	3/9/2010	NA	NA	<20	<20	NA	NA	NA	<20	<20	<41	<20	**1,600**	NA	NA	<20	NA	<41	<20
SB-7	1 - 2	3/9/2010	NA	NA	<0.43	<0.43	NA	NA	NA	**1.4**	<0.43	<0.87	<0.43	**11**	NA	NA	**4.8**	NA	**5.5**	**1.2**
SB-7	8 - 10	3/9/2010	NA	NA	<23	<23	NA	NA	NA	**110**	<23	<45	<23	**280**	NA	NA	<23	NA	**410**	**100**
SB-7	20 - 22	3/9/2010	NA	NA	<22	<22	NA	NA	NA	**45**	<22	<43	<22	**310**	NA	NA	<22	NA	**170**	**44**
SB-8	1 - 2	3/9/2010	NA	NA	<0.0039	<0.0039	NA	NA	NA	<0.0039	<0.0039	<0.0077	<0.0039	**0.0042**	NA	NA	<0.0039	NA	<0.0077	<0.0039
SB-8	13 - 15	3/9/2010	NA	NA	<2.2	<2.2	NA	NA	NA	**14**	<2.2	<4.4	<2.2	**18**	NA	NA	<2.2	NA	**70**	**12**
SB-8	20 - 22	3/9/2010	NA	NA	<2	<2	NA	NA	NA	**9.4**	<2	<4.1	<2	**14**	NA	NA	<2	NA	**41**	**8**
SB-9	1 - 2	3/9/2010	NA	NA	<20	<20	NA	NA	NA	**31**	<20	<40	<20	**120**	NA	NA	**4,800**	NA	**130**	**33**
SB-9	5 - 7	3/9/2010	NA	NA	<2.1	<2.1	NA	NA	NA	<2.1	<2.1	<4.2	<2.1	<2.1	NA	NA	**27**	NA	<4.2	<2.1
SB-9	20 - 22	3/9/2010	NA	NA	<20	<20	NA	NA	NA	**110**	<20	<41	<20	**1,000**	NA	NA	**260**	NA	**460**	**95**
SB-10	1 - 2	8/24/2010	NA	NA	<0.28	<0.28	NA	NA	NA	**0.59**	<0.28	<1.4	<0.28	**6.4**	NA	NA	<0.28	NA	**4.1**	**1.9**
SB-10	12.5 - 15	8/24/2010	NA	NA	**0.24 E**	<0.0062	NA	NA	NA	**0.12**	<0.0062	<0.031	<0.0062	**0.77 E**	NA	NA	**0.016**	NA	**0.31**	**0.071**
SB-10	17.5 - 20	8/24/2010	NA	NA	<31	<31	NA	NA	NA	**130**	<31	<150	<31	**1,100**	NA	NA	<31	NA	**510**	**120**
SB-11	1 - 2	8/24/2010	NA	NA	<0.51	<0.51	NA	NA	NA	<0.51	<0.51	<2.5	<0.51	**6.7**	NA	NA	<0.51	NA	**1.6**	**0.6**
SB-11	12.5 - 15	8/24/2010	NA	NA	<0.005	<0.005	NA	NA	NA	<0.005	<0.005	<0.025	<0.005	**0.015**	NA	NA	<0.005	NA	<0.01	<0.005
SB-11	17.5 - 20	8/24/2010	NA	NA	<10	<10	NA	NA	NA	<10	<10	<52	<10	**150**	NA	NA	<10	NA	**24**	<10
SB-12	1 - 2	8/24/2010	NA	NA	<0.14	<0.14	NA	NA	NA	<0.14	<0.14	<0.72	<0.14	<0.14	NA	NA	**1.3**	NA	<0.29	<0.14
SB-12	10 - 12.5	8/24/2010	NA	NA	<0.0069	<0.0069	NA	NA	NA	<0.0069	<0.0069	<0.034	<0.0069	<0.0069	NA	NA	<0.0069	NA	<0.014	<0.0069
SB-12	17.5 - 20	8/24/2010	NA	NA	**0.081**	<0.0063	NA	NA	NA	<0.0063	<0.0063	<0.031	<0.0063	**0.016**	NA	NA	<0.0063	NA	<0.013	<0.0063
SB-13	1 - 2	8/24/2010	NA	NA	<0.005	<0.005	NA	NA	NA	<0.005	<0.005	<0.025 F	<0.005	<0.005	NA	NA	<0.005	NA	<0.01	<0.005
SB-13	7.5 - 10	8/24/2010	NA	NA	<16	<16	NA	NA	NA	**60**	<16	<80	<16	**160**	NA	NA	<16	NA	**260**	**62**
SB-13	12.5 - 15	8/24/2010	NA	NA	<19	<19	NA	NA	NA	**90**	<19	<94	<19	**390**	NA	NA	**33**	NA	**380**	**97**
SB-14	1 - 2	8/24/2010	NA	NA	<0.084	<0.084	NA	NA	NA	<0.084	<0.084	<0.42	<0.084	<0.084	NA	NA	**1**	NA	<0.17	<0.084
SB-14	12.5 - 15	8/24/2010	NA	NA	**0.012**	<0.0076	NA	NA	NA	<0.0076	<0.0076	<0.038	<0.0076	<0.0076	NA	NA	<0.0076	NA	**0.025**	**0.013**
SB-14	17.5 - 20	8/24/2010	NA	NA	<0.0067	<0.0067	NA	NA	NA	<0.0067	<0.0067	<0.034	<0.0067	<0.0067	NA	NA	<0.0067	NA	<0.013	<0.0067
SB-15	1 - 2	8/25/2010	NA	NA	<0.11	<0.11	NA	NA	NA	<0.11	<0.11	<0.54	<0.11	<0.11	NA	NA	<0.11	NA	<0.22	<0.11
SB-15	8 - 10	8/25/2010	NA	NA	**0.043**	<0.0061	NA	NA	NA	**0.078**	<0.0061	<0.031	<0.0061	**0.36 E**	NA	NA	<0.0061	NA	**0.19**	**0.011**
SB-15	17.5 - 20	8/25/2010	NA	NA	**0.018**	<0.0062	NA	NA	NA	<0.0062	<0.0062	<0.031	<0.0062	**0.013**	NA	NA	<0.0062	NA	<0.012	<0.0062
SB-16	1 - 2	8/25/2010	NA	NA	<0.0058	<0.0058	NA	NA	NA	<0.0058	<0.0058	<0.029	<0.0058	<0.0058	NA	NA	<0.0058	NA	<0.012	<0.0058
SB-16	8 - 10	8/25/2010	NA	NA	**0.022**	<0.0058	NA	NA	NA	<0.0058	<0.0058	<0.029	<0.0058	<0.0058	NA	NA	**0.056**	NA	<0.012	<0.0058
SB-16	15 - 17.5	8/25/2010	NA	NA	**0.03**	<0.0066	NA	NA	NA	<0.0066	<0.0066	<0.033	<0.0066	<0.0066	NA	NA	**0.038**	NA	<0.013	<0.0066
SB-17	7.5 - 10	8/25/2010	NA	NA	**0.46**	<0.18	NA	NA	NA	<0.18	**0.31**	<0.9	<0.18	**0.78**	NA	NA	**0.38**	NA	<0.36	<0.18
SB-17	12.5 - 15	8/25/2010	NA	NA	**0.43**	<0.17	NA	NA	NA	<0.17	**0.29**	<0.83	<0.17	**0.35**	NA	NA	<0.17	NA	<0.33	<0.17
SB-18	7.5 - 10	8/25/2010	NA	NA	**2.2**	<0.16	NA	NA	NA	**0.29**	**0.65**	<0.8	<0.16	**1.4**	NA	NA	**1.4**	NA	**0.7**	**0.31**
SB-18	17.5 - 20	8/25/2010	NA	NA	**5**	<0.43	NA	NA	NA	<0.43	<0.43	<2.1	<0.43	<0.43	NA	NA	<0.43	NA	<0.85	<0.43
SB-19	1 - 2	8/25/2010	NA	NA	**0.27**	<0.16	NA	NA	NA	<0.16	**0.2**	<0.78	<0.16	**0.86**	NA	NA	**0.72**	NA	**0.53**	<0.16
SB-19	7.5 - 10	8/25/2010	NA	NA	**0.44**	<0.16	NA	NA	NA	<0.16	**0.47**	<0.8	<0.16	**0.85**	NA	NA	<0.16	NA	**0.53**	<0.16
SB-19	12.5 - 15	8/25/2010	NA	NA	**0.78**	<0.18	NA	NA	NA	<0.18	**0.6**	<0.92	<0.18	**1.2**	NA	NA	**0.43**	NA	**0.6**	<0.18
SB-19	22.5 - 25	8/25/2010	NA	NA	**29**	<28	NA	NA	NA	**110**	<28	<140	<28	**990**	NA	NA	<28	NA	**340**	**99**
SB-20	17.5 - 20	8/25/2010	NA	NA	<0.15	<0.15	NA	NA	NA	<0.15	<0.15	<0.76	<0.15	<0.15	NA	NA	<0.15	NA	**0.56**	<0.15
SB-21	1 - 2	8/25/2010	NA	NA	<0.0052	<0.0052	NA	NA	NA	**0.027**	<0.0052	<0.026	<0.0052	**0.0068**	NA	NA	<0.0052	NA	<0.01	<0.0052
SB-21	7.5 - 10	8/25/2010	NA	NA	**3.9**	<0.54	NA	NA	NA	<0.54	<0.54	<2.7	<0.54	**7**	NA	NA	**0.85**	NA	<1.1	<0.54
SB-21	17.5 - 20	8/25/2010	NA	NA	<86	<86	NA	NA	NA	**180**	<86	<430	<86	**1,900**	NA	NA	**200**	NA	**690**	**160**
SB-23	10 - 12.5	8/25/2010	NA	NA	<0.01	<0.01	NA	NA	NA	<0.01	<0.01	<0.051	<0.01	<0.01	NA	NA	<0.01	NA	<0.02	<0.01
SB-23	17.5 - 20	8/25/2010	NA	NA	<0.0064	<0.0064	NA	NA	NA	<0.0064	<0.0064	<0.032	<0.0064	**0.086**	NA	NA	<0.0064	NA	<0.013	<0.0064
SB-24	1 - 2	8/25/2010	NA	NA	**0.38**	<0.14	NA	NA	NA	<0.14	<0.14 *	<0.72	<0.14	<0.14	NA	NA	<0.14	NA	<0.29	<0.14
SB-24	7.5 - 10	8/25/2010	NA	NA	**0.83**	<0.17	NA	NA	NA	<0.17	<0.17	<0.86	<0.17	**0.22**	NA	NA	<0.17	NA	<0.34	<0.17
SB-24	17.5 - 20	8/25/2010	NA	NA	<30	<30	NA	NA	NA	**130**	<30	<150	<30	**550**	NA	NA	**220**	NA	**530**	**130**
SB-25	1 - 2	8/25/2010	NA	NA	**0.076**	<0.0076	NA	NA	NA	<0.0076	**0.046**	<0.038	<0.0076	**0.2**	NA	NA	**0.082**	NA	**0.032**	**0.01**
SB-25	10 - 12.5	8/25/2010	NA	NA	<0.59	<0.59	NA	NA	NA	<0.59	**0.73 ***	<3	<0.59	<0.59	NA	NA	<0.59	NA	<1.2	<0.59
SB-25	15 - 17.5	8/25/2010	NA	NA	<33	<33	NA	NA	NA	<33	<33	<170	<33	**410**	NA	NA	**81**	NA	**130**	<33

Table 4a
Historical and Recent Soil Analytical Summary - Organics
Former Lafarge Road Marking
East Point, Georgia

Location ID	Depth	Date	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane
			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
Type 2 RRS			400	0.5	–	–	–	–	–	0.5	10		1		74						110
Type 4 RRS			400	0.5	–	–	–	–	–	0.5	10		1.3		368						134
SB-26	1 - 2	8/25/2010	<0.054	<0.0054	NA	NA	NA	<0.027	<0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-26	12.5 - 15	8/25/2010	<0.055 *	<0.0055	NA	NA	NA	<0.027	<0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-26	17.5 - 20	8/25/2010	<16 *	<1.6	NA	NA	NA	<7.8	<3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-27	1 - 2	8/25/2010	<25 *	<2.5	NA	NA	NA	<13	<5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-27	7.5 - 10	8/25/2010	<0.06 *	<0.006	NA	NA	NA	<0.03	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-27	17.5 - 20	8/25/2010	<0.056 *	<0.0056	NA	NA	NA	<0.028	<0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-28	7.5 - 10	8/25/2010	<0.06 *	<0.006	NA	NA	NA	<0.03	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-28	17.5 - 20	8/25/2010	<0.063 *	**0.0074**	NA	NA	NA	<0.031	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-29	1 - 2	8/25/2010	**0.065 ***	<0.0059	NA	NA	NA	<0.03	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-29	7.5 - 10	8/25/2010	<0.065 *	<0.0065	NA	NA	NA	<0.033	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-29	17.5 - 20	8/25/2010	<64	<6.4	NA	NA	NA	<32	<13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-30	1 - 2	8/25/2010	<9.9	**17**	NA	NA	NA	<4.9	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-30	10 - 12.5	8/25/2010	<81	**8.4**	NA	NA	NA	<41	<16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-30	15 - 17.5	8/25/2010	<160	**16**	NA	NA	NA	<80	<32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-31	1 - 2	8/25/2010	<11	<1.1	NA	NA	NA	<5.7	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-31	7.5 - 10	8/25/2010	<28	**2.9**	NA	NA	NA	<14	<5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-31	12.5 - 15	8/25/2010	<1.5 *	**0.35**	NA	NA	NA	<0.75	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-31	22.5 - 25	8/25/2010	<3	**0.33**	NA	NA	NA	<1.5	<0.59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-32	1 - 2	8/25/2010	<6.3	**0.96**	NA	NA	NA	<3.1	<1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-32	10 - 12.5	8/25/2010	<0.066	<0.0066	NA	NA	NA	<0.033	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-32	20 - 22.5	8/25/2010	<19	<1.9	NA	NA	NA	<9.3	<3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-33	1 - 2	8/26/2010	<2.1	<0.21	NA	NA	NA	<1	<0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-33	7.5 - 10	8/26/2010	<2.6	<0.26	NA	NA	NA	<1.3	<0.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-33	12.5 - 15	8/26/2010	<290	<29	NA	NA	NA	<150	<58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-34	1 - 2	8/26/2010	<0.051	<0.0051	NA	NA	NA	<0.025	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-34	7.5 - 10	8/26/2010	<0.054	<0.0054	NA	NA	NA	<0.027	<0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-34	17.5 - 20	8/26/2010	<3.9	<0.39	NA	NA	NA	<1.9	<0.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-35	7.5 - 10	8/26/2010	<2.8	<0.28	NA	NA	NA	<1.4	<0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-35	12.5 - 15	8/26/2010	<12 *	<1.2	NA	NA	NA	<6.2 *	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-36	1 - 2	8/26/2010	**0.082**	<0.0045	NA	NA	NA	<0.023	<0.009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-36	7.5 - 10	8/26/2010	<0.05	<0.005	NA	NA	NA	<0.025	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-36	12.5 - 15	8/26/2010	<1.7 *	<0.17	NA	NA	NA	<0.86 *	<0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-37	1 - 2	8/26/2010	**0.071**	<0.0042	NA	NA	NA	<0.021	<0.0084	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-37	7.5 - 10	8/26/2010	<0.049	<0.0049	NA	NA	NA	<0.025	<0.0099	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-37	17.5 - 20	8/26/2010	<1.7 *	<0.17	NA	NA	NA	<0.87 *	<0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-38	1 - 2	8/26/2010	**0.055**	**0.021**	NA	NA	NA	<0.021	<0.0085	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-38	12.5 - 15	8/26/2010	<1.9 *	<0.19	NA	NA	NA	<0.93 *	<0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-38	20 - 22.5	8/26/2010	<68 *	<6.8	NA	NA	NA	<34 *	<14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-39	1 - 2	8/26/2010	<5.4 *	<0.54	NA	NA	NA	<2.7 *	<1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-39	10 - 12.5	8/26/2010	<1.1 *	**0.23**	NA	NA	NA	<0.55 *	<0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-39	15 - 17.5	8/26/2010	<31 *	<3.1	NA	NA	NA	<16 *	<6.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-40	1 - 2	8/26/2010	<11 *	<1.1	NA	NA	NA	<5.7 *	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-40	10 - 12.5	8/26/2010	<1.4 *	<0.14	NA	NA	NA	<0.68 *	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-40	15 - 17.5	8/26/2010	<54 *	<5.4	NA	NA	NA	<27 *	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-41	1 - 2	8/27/2010	<12 *	**2.4**	NA	NA	NA	<5.8	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-41	10 - 12.5	8/27/2010	<170 *	<17	NA	NA	NA	<85	<34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-41	17.5 - 20	8/27/2010	<3.6 *	<0.36	NA	NA	NA	<1.8	<0.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-42	1 - 2	8/27/2010	**0.09 ***	<0.0047	NA	NA	NA	<0.023	<0.0093	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-42	12.5 - 15	8/27/2010	<0.05 *	<0.005	NA	NA	NA	<0.025	<0.0099	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-42	20 - 22.5	8/27/2010	<3.5 *	<0.35	NA	NA	NA	<1.7	<0.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-43	5 - 7.5	8/27/2010	<63 *	<6.3	NA	NA	NA	<31	<13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-43	20 - 22.5	8/27/2010	<78 *	<7.8	NA	NA	NA	<39	<16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-46	0 - 2	7/13/2012	<0.053	<0.0053	NA	NA	NA	<0.027	<0.0053	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-46	8 - 10	7/13/2012	<46	<4.6	NA	NA	NA	<23	<4.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-46	18 - 20	7/13/2012	<59	<5.9	NA	NA	NA	<29	<5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-47	0 - 2	7/13/2012	<0.065	<0.0065	NA	NA	NA	<0.033	<0.0065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-47	8 - 10	7/13/2012	<37	<3.7	NA	NA	NA	<19	<3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-47	16 - 18	7/13/2012	<140	**19**	NA	NA	NA	<72	<14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-48	0 - 2	7/13/2012	<0.049	<0.0049	NA	NA	NA	<0.025	<0.0049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-48	14 - 16	7/13/2012	<140	<14	NA	NA	NA	<72	<14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-49	16 - 18	7/13/2012	<0.06	**0.025**	NA	NA	NA	<0.03	<0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-50	18 - 20	7/14/2012	<0.065	<0.0065	NA	NA	NA	<0.032	<0.0065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-51	1 - 2	7/14/2012	<0.047	<0.0047	NA	NA	NA	<0.023	<0.0047	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-52	18 - 20	7/14/2012	<3,200	<320	NA	NA	NA	<1,600	<320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-52	26 - 28	7/14/2012	<3.3	<0.33	NA	NA	NA	<1.6	<0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-53	16 - 18	7/14/2012	<6.2	<0.62	NA	NA	NA	<3.1	<0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-53	20 - 22	7/14/2012	<130	<13	NA	NA	NA	<64	<13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-54	16 - 18	7/13/2012	<2.7	<0.27	NA	NA	NA	<1.3	<0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-54	20 - 22	7/13/2012	<3.1	<0.31	NA	NA	NA	<1.6	<0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4a
Historical and Recent Soil Analytical Summary - Organics
Former Lafarge Road Marking
East Point, Georgia

Location ID	Depth	Date	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Methylene Chloride	4-Methyl-2-pentanone	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride	m,p-Xylene	o-Xylene
			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
		Type 2 RRS		0.7	7			- -		30	0.5	200	0.5	100	20	0.5	0.5	0.0002	- -	20
		Type 4 RRS		3.7	7			- -		38	2.3	200	0.89	100	98	0.8	0.5	0.00025	- -	20
SB-26	1 - 2	8/25/2010	NA	NA	<0.0054	<0.0054	NA	NA	NA	<0.0054	<0.0054	<0.027	<0.0054	<0.0054	NA	NA	<0.0054	NA	<0.011	<0.0054
SB-26	12.5 - 15	8/25/2010	NA	NA	**0.013**	<0.0055	NA	NA	NA	<0.0055	<0.0055	<0.027	<0.0055	**0.019**	NA	NA	**0.011**	NA	**0.012**	<0.0055
SB-26	17.5 - 20	8/25/2010	NA	NA	**11**	<1.6	NA	NA	NA	**1.6**	<1.6	<7.8	<1.6	**22**	NA	NA	**2.7**	NA	**5.8**	**1.6**
SB-27	1 - 2	8/25/2010	NA	NA	<2.5	<2.5	NA	NA	NA	**5**	<2.5	<13	<2.5	**7**	NA	NA	<2.5	NA	**68**	**4.2**
SB-27	7.5 - 10	8/25/2010	NA	NA	<0.006	<0.006	NA	NA	NA	<0.006	<0.006	<0.03	<0.006	<0.006	NA	NA	<0.006	NA	<0.012	<0.006
SB-27	17.5 - 20	8/25/2010	NA	NA	<0.0056	<0.0056	NA	NA	NA	<0.0056	<0.0056	<0.028	<0.0056	<0.0056	NA	NA	<0.0056	NA	<0.011	<0.0056
SB-28	7.5 - 10	8/25/2010	NA	NA	<0.006	<0.006	NA	NA	NA	<0.006	<0.006	<0.03	<0.006	<0.006	NA	NA	<0.006	NA	<0.012	<0.006
SB-28	17.5 - 20	8/25/2010	NA	NA	**0.08**	<0.0063	NA	NA	NA	<0.0063	<0.0063	<0.031	<0.0063	<0.0063	NA	NA	<0.0063	NA	<0.013	<0.0063
SB-29	1 - 2	8/25/2010	NA	NA	**0.0065**	<0.0059	NA	NA	NA	<0.0059	<0.0059	<0.03	<0.0059	<0.0059	NA	NA	<0.0059	NA	<0.012	<0.0059
SB-29	7.5 - 10	8/25/2010	NA	NA	**0.17**	<0.0065	NA	NA	NA	<0.0065	<0.0065	<0.033	<0.0065	**0.0077**	NA	NA	**0.024**	NA	<0.013	<0.0065
SB-29	17.5 - 20	8/25/2010	NA	NA	**8.2**	<6.4	NA	NA	NA	**31**	<6.4 *	<32	<6.4	**14**	NA	NA	**9.3**	NA	**89**	**18**
SB-30	1 - 2	8/25/2010	NA	NA	<0.99	<0.99	NA	NA	NA	**2.8**	<0.99 *	<4.9	<0.99	<0.99	NA	NA	<0.99	NA	<2	<0.99
SB-30	10 - 12.5	8/25/2010	NA	NA	<8.1	<8.1	NA	NA	NA	**12**	<8.1 *	<41	<8.1	**58**	NA	NA	<8.1	NA	**37**	<8.1
SB-30	15 - 17.5	8/25/2010	NA	NA	<16	<16	NA	NA	NA	**130**	<16 *	<80	<16	**320**	NA	NA	<16	NA	**470**	**84**
SB-31	1 - 2	8/25/2010	NA	NA	<1.1	<1.1	NA	NA	NA	**2.6**	<1.1 *	<5.7	<1.1	<1.1	NA	NA	<1.1	NA	**2.3**	<1.1
SB-31	7.5 - 10	8/25/2010	NA	NA	<2.8	<2.8	NA	NA	NA	**6**	<2.8 *	<14	<2.8	<2.8	NA	NA	<2.8	NA	**30**	**5.7**
SB-31	12.5 - 15	8/25/2010	NA	NA	<0.15	<0.15	NA	NA	NA	<0.15	<0.15	<0.75	<0.15	<0.15	NA	NA	<0.15	NA	**0.46**	<0.15
SB-31	22.5 - 25	8/25/2010	NA	NA	<0.3	<0.3	NA	NA	NA	**2.1**	<0.3 *	<1.5	<0.3	<0.3	NA	NA	<0.3	NA	**3.2**	<0.3
SB-32	1 - 2	8/25/2010	NA	NA	<0.63	<0.63	NA	NA	NA	**1.2**	<0.63 *	<3.1	<0.63	**4.4**	NA	NA	<0.63	NA	**8.5**	**4.3**
SB-32	10 - 12.5	8/25/2010	NA	NA	<0.0066	<0.0066	NA	NA	NA	<0.0066	<0.0066	<0.033	<0.0066	<0.0066	NA	NA	<0.0066	NA	<0.013	<0.0066
SB-32	20 - 22.5	8/25/2010	NA	NA	<1.9	<1.9	NA	NA	NA	**6.7**	<1.9 *	<9.3	<1.9	<1.9	NA	NA	<1.9	NA	**23**	<1.9
SB-33	1 - 2	8/26/2010	NA	NA	<0.21	<0.21	NA	NA	NA	<0.21	<0.21 *	<1	<0.21	**0.54**	NA	NA	**2**	NA	<0.42	<0.21
SB-33	7.5 - 10	8/26/2010	NA	NA	**0.52**	<0.26	NA	NA	NA	<0.26	**13**	<1.3	<0.26	**3.3**	NA	NA	**5.3**	NA	<0.52	<0.26
SB-33	12.5 - 15	8/26/2010	NA	NA	<29	<29	NA	NA	NA	**44**	**63 ***	<150	<29	**390**	NA	NA	**250**	NA	**170**	**41**
SB-34	1 - 2	8/26/2010	NA	NA	<0.0051	<0.0051	NA	NA	NA	<0.0051	<0.0051	<0.025	<0.0051	**0.0089**	NA	NA	**0.0092**	NA	<0.01	<0.0051
SB-34	7.5 - 10	8/26/2010	NA	NA	<0.0054	<0.0054	NA	NA	NA	<0.0054	<0.0054	<0.027	<0.0054	**0.0077**	NA	NA	**0.0087**	NA	<0.011	<0.0054
SB-34	17.5 - 20	8/26/2010	NA	NA	**9.2**	<0.39	NA	NA	NA	<0.39	<0.39 *	<1.9	<0.39	<0.39	NA	NA	<0.39	NA	<0.78	<0.39
SB-35	7.5 - 10	8/26/2010	NA	NA	**2.1**	<0.28	NA	NA	NA	<0.28	**1.8 ***	<1.4	<0.28	**4.4**	NA	NA	**1.9**	NA	**0.88**	<0.28
SB-35	12.5 - 15	8/26/2010	NA	NA	**13**	<1.2	NA	NA	NA	**2.4**	**7.7 ***	<6.2	<1.2	**16**	NA	NA	**5.8**	NA	**6.2**	**2.6**
SB-36	1 - 2	8/26/2010	NA	NA	<0.0045	<0.0045	NA	NA	NA	<0.0045	<0.0045	<0.023	<0.0045	<0.0045	NA	NA	<0.0045	NA	<0.009	<0.0045
SB-36	7.5 - 10	8/26/2010	NA	NA	<0.005	<0.005	NA	NA	NA	<0.005	<0.005	<0.025	<0.005	<0.005	NA	NA	<0.005	NA	<0.01	<0.005
SB-36	12.5 - 15	8/26/2010	NA	NA	**2.7**	<0.17	NA	NA	NA	**0.5**	<0.17 *	<0.86	<0.17	<0.17	NA	NA	<0.17	NA	**0.93**	<0.17
SB-37	1 - 2	8/26/2010	NA	NA	<0.0042	<0.0042	NA	NA	NA	<0.0042	<0.0042	<0.021	<0.0042	<0.0042	NA	NA	<0.0042	NA	<0.0084	<0.0042
SB-37	7.5 - 10	8/26/2010	NA	NA	<0.0049	<0.0049	NA	NA	NA	<0.0049	<0.0049	<0.025	<0.0049	<0.0049	NA	NA	<0.0049	NA	<0.0099	<0.0049
SB-37	17.5 - 20	8/26/2010	NA	NA	**3.7**	<0.17	NA	NA	NA	<0.17	**0.64 ***	<0.87	<0.17	**0.39**	NA	NA	**0.81**	NA	**0.6**	<0.17
SB-38	1 - 2	8/26/2010	NA	NA	<0.0042	<0.0042	NA	NA	NA	**0.016**	<0.0042	<0.021	<0.0042	<0.0042	NA	NA	<0.0042	NA	<0.0085	<0.0042
SB-38	12.5 - 15	8/26/2010	NA	NA	<0.19	<0.19	NA	NA	NA	**0.38**	<0.19 *	<0.93	<0.19	**1.9**	NA	NA	<0.19	NA	**0.96**	**0.4**
SB-38	20 - 22.5	8/26/2010	NA	NA	<6.8	<6.8	NA	NA	NA	**17**	<6.8 *	<34	<6.8	**73**	NA	NA	<6.8	NA	**46**	**16**
SB-39	1 - 2	8/26/2010	NA	NA	<0.54	<0.54	NA	NA	NA	<0.54	<0.54 *	<2.7	<0.54	**3.8**	NA	NA	**8.1**	NA	**1.9**	<0.54
SB-39	10 - 12.5	8/26/2010	NA	NA	<0.11	<0.11	NA	NA	NA	**0.71**	<0.11 *	<0.55	<0.11	**0.14**	NA	NA	<0.11	NA	**1.3**	**0.39**
SB-39	15 - 17.5	8/26/2010	NA	NA	<3.1	<3.1	NA	NA	NA	**18**	<3.1 *	<16	<3.1	**60**	NA	NA	<3.1	NA	**70**	**19**
SB-40	1 - 2	8/26/2010	NA	NA	<1.1	<1.1	NA	NA	NA	<1.1	<1.1 *	<5.7	<1.1	**8.1**	NA	NA	<1.1	NA	**6.6**	**3.1**
SB-40	10 - 12.5	8/26/2010	NA	NA	<0.14	<0.14	NA	NA	NA	**0.65**	<0.14 *	<0.68	<0.14	**0.16**	NA	NA	<0.14	NA	**0.5**	<0.14
SB-40	15 - 17.5	8/26/2010	NA	NA	<5.4	<5.4	NA	NA	NA	**13**	<5.4 *	<27	<5.4	**92**	NA	NA	<5.4	NA	**37**	**13**
SB-41	1 - 2	8/27/2010	NA	NA	<1.2	<1.2	NA	NA	NA	**25**	<1.2	<5.8	<1.2	**27**	NA	NA	<1.2	NA	**2.8**	<1.2
SB-41	10 - 12.5	8/27/2010	NA	NA	<17	<17	NA	NA	NA	**88**	<17	<85	<17	**290**	NA	NA	<17	NA	**37**	<17
SB-41	17.5 - 20	8/27/2010	NA	NA	<0.36	<0.36	NA	NA	NA	<0.36	<0.36	<1.8	<0.36	**4.3**	NA	NA	<0.36	NA	<0.73	<0.36
SB-42	1 - 2	8/27/2010	NA	NA	<0.0047	<0.0047	NA	NA	NA	<0.0047	<0.0047	<0.023	<0.0047	**0.013**	NA	NA	<0.0047	NA	<0.0093	<0.0047
SB-42	12.5 - 15	8/27/2010	NA	NA	<0.005	<0.005	NA	NA	NA	<0.005	<0.005	<0.025	<0.005	**0.0068**	NA	NA	<0.005	NA	**0.016**	<0.005
SB-42	20 - 22.5	8/27/2010	NA	NA	<0.35	<0.35	NA	NA	NA	**0.8**	<0.35	<1.7	<0.35	<0.35	NA	NA	<0.35	NA	**3**	<0.35
SB-43	5 - 7.5	8/27/2010	NA	NA	<6.3	<6.3	NA	NA	NA	**41**	<6.3	<31	<6.3	<6.3	NA	NA	<6.3	NA	**120**	**13**
SB-43	20 - 22.5	8/27/2010	NA	NA	<7.8	<7.8	NA	NA	NA	**80**	<7.8	<39	<7.8	**180**	NA	NA	<7.8	NA	**350**	**64**
SB-46	0 - 2	7/13/2012	NA	NA	<0.0053	<0.0053	NA	NA	NA	<0.0053	<0.0053	<0.027	<0.0053	<0.0053	NA	NA	<0.0053	NA	<0.011	<0.0053
SB-46	8 - 10	7/13/2012	NA	NA	<4.6	<4.6	NA	NA	NA	<4.6	<4.6	<23	<4.6	<4.6	NA	NA	<4.6	NA	<9.2	<4.6
SB-46	18 - 20	7/13/2012	NA	NA	<5.9	<5.9	NA	NA	NA	<5.9	<5.9	<29	<5.9	**16**	NA	NA	<5.9	NA	**14**	<5.9
SB-47	0 - 2	7/13/2012	NA	NA	<0.0065	<0.0065	NA	NA	NA	<0.0065	<0.0065	<0.033	<0.0065	<0.0065	NA	NA	<0.0065	NA	<0.013	<0.0065
SB-47	8 - 10	7/13/2012	NA	NA	<3.7	<3.7	NA	NA	NA	**20**	<3.7	<19	<3.7	**230**	NA	NA	<3.7	NA	**65**	**14**
SB-47	16 - 18	7/13/2012	NA	NA	<14	<14	NA	NA	NA	**14**	<14	<72	<14	**690**	NA	NA	<14	NA	**48**	<14
SB-48	0 - 2	7/13/2012	NA	NA	<0.0049	<0.0049	NA	NA	NA	<0.0049	<0.0049	<0.025	<0.0049	<0.0049	NA	NA	<0.0049	NA	<0.0098	<0.0049
SB-48	14 - 16	7/13/2012	NA	NA	<14	<14	NA	NA	NA	**16**	<14	<72	<14	**290**	NA	NA	<14	NA	**54**	<14
SB-49	16 - 18	7/13/2012	NA	NA	**0.1**	<0.006	NA	NA	NA	**0.072**	<0.006	<0.03	<0.006	<0.006	NA	NA	<0.006	NA	**0.17**	**0.042**
SB-50	18 - 20	7/14/2012	NA	NA	**0.2 E**	<0.0065	NA	NA	NA	<0.0065	**0.014**	<0.032	<0.0065	<0.0065	NA	NA	**0.029**	NA	<0.013	<0.0065
SB-51	1 - 2	7/14/2012	NA	NA	<0.0047	<0.0047	NA	NA	NA	<0.0047	<0.0047	<0.023	<0.0047	<0.0047	NA	NA	<0.0047	NA	<0.0093	<0.0047
SB-52	18 - 20	7/14/2012	NA	NA	<320	<320	NA	NA	NA	<320	<320	<1,600	<320	**760**	NA	NA	<320	NA	<640	<320
SB-52	26 - 28	7/14/2012	NA	NA	<0.33	<0.33	NA	NA	NA	<0.33	<0.33	<1.6	<0.33	**0.97**	NA	NA	<0.33	NA	<0.65	<0.33
SB-53	16 - 18	7/14/2012	NA	NA	**1.1**	<0.62	NA	NA	NA	**13 E**	<0.62	<3.1	<0.62	**1.8**	NA	NA	<0.62	NA	**22**	**5.6**
SB-53	20 - 22	7/14/2012	NA	NA	<13	<13	NA	NA	NA	**50**	<13	<64	<13	**57**	NA	NA	<13	NA	**180**	**48**
SB-54	16 - 18	7/13/2012	NA	NA	**1.3**	<0.27	NA	NA	NA	<0.27	<0.27	<1.3	<0.27	<0.27	NA	NA	<0.27	NA	<0.54	<0.27
SB-54	20 - 22	7/13/2012	NA	NA	**0.31**	<0.31	NA	NA	NA	<0.31	<0.31	<1.6	<0.31	**0.81**	NA	NA	<0.31	NA	<0.62	<0.31

Table 4a
Historical and Recent Soil Analytical Summary - Organics
Former Lafarge Road Marking
East Point, Georgia

Location ID	Depth	Date	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Cyclohexane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane
			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
		Type 2 RRS	400	0.5	–	–	–	–	–	0.5	10		1		74						110
		Type 4 RRS	400	0.5	–	–	–	–	–	0.5	10		1.3		368						134
SB-56	10 - 12	7/15/2012	<3.2	<0.32	NA	NA	NA	**1.7**	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-56	16 - 18	7/15/2012	<3,200	<320	NA	NA	NA	<1,600	<320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-57	0 - 2	7/14/2012	**0.052**	<0.0046	NA	NA	NA	<0.023	<0.0046	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-57	12 - 14	7/14/2012	<2.7	<0.27	NA	NA	NA	<1.4	<0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-57	18 - 20	7/14/2012	<130	<13	NA	NA	NA	<63	<13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-58	18 - 20	7/14/2012	<0.6	<0.6	NA	NA	NA	<3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-59	10 - 12	7/14/2012	<0.053	<0.0053	NA	NA	NA	<0.026	<0.0053	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-59	18 - 20	7/14/2012	<0.058	**0.04**	NA	NA	NA	<0.029	<0.0058	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-60	18 - 20	7/13/2012	<6	<0.6	NA	NA	NA	<3	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-61	18 - 20	7/15/2012	<2.8	<0.28	NA	NA	NA	<1.4	<0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-62	18 - 20	7/15/2012	<0.077	<0.0077	NA	NA	NA	<0.038	<0.0077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-63	1 - 2	7/15/2012	<0.051	<0.0051	NA	NA	NA	<0.025	<0.0051	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-63	8 - 10	7/15/2012	<58	<5.8	NA	NA	NA	<29	<5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-63	14 - 16	7/15/2012	<5.5	<0.55	NA	NA	NA	<2.7	<0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-64	12 - 14	7/15/2012	**0.055**	**0.0081**	NA	NA	NA	<0.027	<0.0055	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-64	18 - 20	7/15/2012	<4	**4.1**	NA	NA	NA	<2	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-142	0 - 1	1/14/2015	<0.15	<0.0075	<0.0075	<0.0075	<0.0075	<0.075	<0.015	<0.0075	<0.0075	<0.015	<0.0075	<0.015	**0.15**	<0.0075	<0.0075	<0.0075	<0.0075	<0.015	<0.0075
SB-142	1 - 3	1/14/2015	<0.13 J	<0.0065 J	R	R	<0.0065 J	<0.065 J	<0.013 J	<0.0065 J	R	<0.013 J	<0.0065 J	<0.013 J	<0.0065 J	<0.0065 J	<0.0065 J	<0.0065 J	<0.0065 J	<0.013 J	<0.0065 J
SB-142	26 - 28	1/14/2015	<0.091	<0.0045	<0.0045	<0.0045	<0.0045	<0.045	<0.0091	<0.0045	<0.0045	<0.0091	<0.0045	<0.0091	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0091	<0.0045
SB-143	6 - 8	1/14/2015	<0.11	<0.0057	<0.0057	<0.0057	<0.0057	<0.057	<0.011	<0.0057	<0.0057	<0.011	<0.0057	<0.011	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	<0.0057
SB-143	18 - 20	1/14/2015	<0.28	<0.014	<0.014	<0.014	<0.014	<0.14	<0.028	<0.014	<0.014	<0.028	<0.014	<0.028	<0.014	<0.014	<0.014	<0.014	<0.014	<0.028	<0.014
SB-143	22 - 24	1/14/2015	<0.082	<0.0041	<0.0041	<0.0041	<0.0041	<0.041	<0.0082	<0.0041	<0.0041	<0.0082	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041
SB-144	0 - 1	1/14/2015	<0.13	<0.0066	<0.0066	<0.0066	<0.0066	<0.066	<0.013	<0.0066	<0.0066	<0.013	<0.0066	<0.013	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.013	<0.0066
SB-144	24 - 25	1/14/2015	<0.082	<0.0041	<0.0041	<0.0041	<0.0041	<0.041	<0.0082	<0.0041	<0.0041	<0.0082	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041
SB-145	0 - 1	1/14/2015	<0.13	<0.0066	<0.0066	<0.0066	<0.0066	<0.066	<0.013	<0.0066	<0.0066	<0.013	<0.0066	<0.013	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.013	<0.0066
SB-145	1 - 3	1/14/2015	<0.15	<0.0077	<0.0077	<0.0077	<0.0077	<0.077	<0.015	<0.0077	<0.0077	<0.015	<0.0077	<0.015	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.015	<0.0077
SB-145	17 - 19.5	1/14/2015	<0.11	<0.0057	<0.0057	<0.0057	<0.0057	<0.057	<0.011	<0.0057	<0.0057	<0.011	<0.0057	<0.011	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	<0.0057
SB-146	0 - 1	1/14/2015	<0.14	<0.0069 J	<0.0069 J	<0.0069 J	<0.0069	<0.069	**0.017**	<0.0069 J	<0.0069 J	<0.014	<0.0069	<0.014	**0.062**	<0.0069	<0.0069	<0.0069	<0.0069	<0.014	<0.0069
SB-146	18 - 19	1/14/2015	<0.09	<0.0045	<0.0045	<0.0045	<0.0045	<0.045	<0.009	<0.0045	<0.0045	<0.009	<0.0045	<0.009	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.009	<0.0045
SB-147	0 - 1	1/14/2015	<0.11	<0.0055	<0.0055	<0.0055	<0.0055	<0.055	<0.011	<0.0055	<0.0055	<0.011	<0.0055	<0.011	**0.0077**	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	<0.0055
SB-147	22 - 24	1/14/2015	<0.18	<0.0088	<0.0088	<0.0088	<0.0088	<0.088	<0.018	<0.0088	<0.0088	<0.018	<0.0088	<0.018	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.018	<0.0088
SB-148	0 - 1	1/14/2015	<0.079	**0.0055**	<0.0039	<0.0039	<0.0039	<0.039	<0.0079	<0.0039	<0.0039	<0.0079	<0.0039	<0.0079	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0079	<0.0039
SB-148	1 - 3	1/14/2015	<48	<2.4	<2.4	<2.4	<2.4	<24	<4.8	<2.4	<2.4	<4.8	<2.4	<4.8	**41**	<2.4	<2.4	<2.4	<2.4	<4.8	<2.4
SB-148	22 - 23	1/14/2015	**9.6 D**	<0.0051	<0.0051	<0.0051	<0.0051	**4.1 D**	<0.01	<0.0051	<0.0051	<0.01	<0.0051	<0.01	**0.24 EJ**	<0.0051	<0.0051	<0.0051	<0.0051	<0.01	<0.0051
SB-149	0 - 1	1/15/2015	**0.12**	<0.0055	<0.0055	<0.0055	<0.0055	<0.055	<0.011	<0.0055	<0.0055	<0.011	<0.0055	<0.011	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	<0.0055
SB-149	22 - 24	1/15/2015	<0.11	<0.0055	<0.0055	<0.0055	<0.0055	<0.055	<0.011	<0.0055	<0.0055	<0.011	<0.0055	<0.011	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	<0.0055
SB-150	0 - 1	1/15/2015	**0.11**	<0.0041	<0.0041	<0.0041	<0.0041	<0.041	<0.0082	<0.0041	<0.0041	<0.0082	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041
SB-150	16 - 18	1/15/2015	<0.093	<0.0047	<0.0047	<0.0047	<0.0047	<0.047	<0.0093	<0.0047	<0.0047	<0.0093	<0.0047	<0.0093	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047
SB-150	22 - 24	1/15/2015	<0.15	<0.0073	<0.0073	<0.0073	<0.0073	<0.073	<0.015	<0.0073	<0.0073	<0.015	<0.0073	<0.015	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.015	<0.0073
SB-151	0 - 1	1/15/2015	**0.18**	<0.0052	<0.0052	<0.0052	<0.0052	<0.052	<0.01	<0.0052	<0.0052	<0.01	<0.0052	<0.01	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.01	<0.0052
SB-151	14 - 16	1/15/2015	**0.11**	<0.0048	<0.0048	<0.0048	<0.0048	<0.048	<0.0097	<0.0048	<0.0048	<0.0097	<0.0048	<0.0097	**22 D**	<0.0048	<0.0048	<0.0048	<0.0048	<0.0097	<0.0048
SB-151	22 - 23	1/15/2015	<0.11	<0.0056	<0.0056	<0.0056	<0.0056	<0.056	<0.011	<0.0056	<0.0056	<0.011	<0.0056	<0.011	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.011	<0.0056
SB-152	0 - 1	1/15/2015	<0.087	<0.0044	<0.0044	<0.0044	<0.0044	<0.044	<0.0087	<0.0044	<0.0044	<0.0087	<0.0044	<0.0087	**0.1**	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087	<0.0044
SB-152	18 - 20	1/15/2015	<0.11	<0.0053	<0.0053	<0.0053	<0.0053	<0.053	<0.011	<0.0053	<0.0053	<0.011	<0.0053	<0.011	**6.9 D**	<0.0053	<0.0053	<0.0053	<0.0053	<0.011	<0.0053
SB-152	22 - 24	1/15/2015	<0.089	<0.0045	<0.0045	<0.0045	<0.0045	<0.045	<0.0089	<0.0045	<0.0045	<0.0089	<0.0045	<0.0089	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0089	<0.0045
SB-153	20 - 22	1/15/2015	<0.15	<0.0075	<0.0075	<0.0075	<0.0075	<0.075	<0.015	<0.0075	<0.0075	<0.015	<0.0075	<0.015	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.015	<0.0075
SB-153	22 - 24	1/15/2015	<0.084	<0.0042	<0.0042	<0.0042	<0.0042	<0.042	<0.0084	<0.0042	<0.0042	<0.0084	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042

Exceeds Type 2 RRS
Exceeds Type 4 RRS
NA Not Analyzed
Bold Detected above laboratory reporting limits

Table 4a
Historical and Recent Soil Analytical Summary - Organics
Former Lafarge Road Marking
East Point, Georgia

Location ID	Depth	Date	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Methylene Chloride	4-Methyl-2-pentanone	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Vinyl Chloride	m,p-Xylene	o-Xylene
			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
		Type 2 RRS		0.7	7			- -		30	0.5	200	0.5	100	20	0.5	0.5	0.0002	- -	20
		Type 4 RRS		3.7	7			- -		38	2.3	200	0.89	100	98	0.8	0.5	0.00025	- -	20
SB-56	10 - 12	7/15/2012	NA	NA	**2.8**	<0.32	NA	NA	NA	**0.38**	**1.5**	**1.7**	<0.32	**6.1**	NA	NA	**1.6**	NA	**1.7**	**0.58**
SB-56	16 - 18	7/15/2012	NA	NA	<320	<320	NA	NA	NA	<320	<320	<1,600	<320	**1,200**	NA	NA	**350**	NA	<640	<320
SB-57	0 - 2	7/14/2012	NA	NA	<0.0046	<0.0046	NA	NA	NA	<0.0046	<0.0046	<0.023	<0.0046	<0.0046	NA	NA	<0.0046	NA	<0.0091	<0.0046
SB-57	12 - 14	7/14/2012	NA	NA	**1.1**	<0.27	NA	NA	NA	**5.3**	<0.27	<1.4	<0.27	**48**	NA	NA	**4.7**	NA	**22**	**5**
SB-57	18 - 20	7/14/2012	NA	NA	**21**	<13	NA	NA	NA	**210**	<13	<63	<13	**1,400**	NA	NA	**130**	NA	**780 E**	**170**
SB-58	18 - 20	7/14/2012	NA	NA	**3.3**	<0.6	NA	NA	NA	<0.6	<0.6	<3	<0.6	<0.6	NA	NA	<0.6	NA	<1.2	<0.6
SB-59	10 - 12	7/14/2012	NA	NA	<0.0053	<0.0053	NA	NA	NA	<0.0053	<0.0053	<0.026	<0.0053	<0.0053	NA	NA	<0.0053	NA	<0.011	<0.0053
SB-59	18 - 20	7/14/2012	NA	NA	<0.0058	<0.0058	NA	NA	NA	**0.018**	**0.16 E**	<0.029	<0.0058	**0.051**	NA	NA	**0.079**	NA	**0.042**	**0.029**
SB-60	18 - 20	7/13/2012	NA	NA	<0.6	<0.6	NA	NA	NA	<0.6	<0.6	<3	<0.6	<0.6	NA	NA	<0.6	NA	<1.2	<0.6
SB-61	18 - 20	7/15/2012	NA	NA	<0.28	<0.28	NA	NA	NA	**0.61**	<0.28	<1.4	<0.28	<0.28	NA	NA	<0.28	NA	**0.96**	<0.28
SB-62	18 - 20	7/15/2012	NA	NA	**0.027**	<0.0077	NA	NA	NA	**0.01**	<0.0077	<0.038	<0.0077	**0.11**	NA	NA	<0.0077 *	NA	**0.084**	**0.016**
SB-63	1 - 2	7/15/2012	NA	NA	<0.0051	<0.0051	NA	NA	NA	<0.0051	<0.0051	<0.025	<0.0051	<0.0051	NA	NA	<0.0051	NA	<0.01	<0.0051
SB-63	8 - 10	7/15/2012	NA	NA	<5.8	<5.8	NA	NA	NA	<5.8	<5.8	<29	<5.8	**29**	NA	NA	<5.8	NA	<12	<5.8
SB-63	14 - 16	7/15/2012	NA	NA	<0.55	<0.55	NA	NA	NA	<0.55	<0.55	<2.7	<0.55	<0.55	NA	NA	<0.55	NA	<1.1	<0.55
SB-64	12 - 14	7/15/2012	NA	NA	<0.0055	<0.0055	NA	NA	NA	**0.09**	<0.0055	<0.027	<0.0055	**0.037**	NA	NA	<0.0055	NA	**0.18**	**0.02**
SB-64	18 - 20	7/15/2012	NA	NA	**0.43**	<0.4	NA	NA	NA	**7.6**	<0.4	<2	<0.4	**2.4**	NA	NA	<0.4	NA	**26**	**0.73**
SB-142	0 - 1	1/14/2015	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.03	<0.015	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.015	**0.056**	**0.019**
SB-142	1 - 3	1/14/2015	<0.0065 J	<0.0065 J	<0.0065 J	<0.0065 J	<0.0065 J	<0.0065 J	<0.0065 J	R	<0.026 J	<0.013 J	R	<0.0065 J	<0.0065 J	<0.0065 J	**0.01 J**	<0.013 J	R	R
SB-142	26 - 28	1/14/2015	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.0091	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0091	<0.0045	<0.0045
SB-143	6 - 8	1/14/2015	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.023	<0.011	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	<0.0057	<0.0057
SB-143	18 - 20	1/14/2015	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.056	<0.028	<0.014	<0.014	<0.014	<0.014	<0.014	<0.028	<0.014	<0.014
SB-143	22 - 24	1/14/2015	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.016	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041
SB-144	0 - 1	1/14/2015	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.026	<0.013	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.013	<0.0066	<0.0066
SB-144	24 - 25	1/14/2015	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.016	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041
SB-145	0 - 1	1/14/2015	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.026	<0.013	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.013	<0.0066	<0.0066
SB-145	1 - 3	1/14/2015	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.031	<0.015	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.015	<0.0077	<0.0077
SB-145	17 - 19.5	1/14/2015	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.023	<0.011	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	<0.0057	<0.0057
SB-146	0 - 1	1/14/2015	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069 J	<0.0069 J	<0.0069 J	<0.028	<0.014 J	<0.0069 J	<0.0069 J	<0.0069	<0.0069 J	<0.0069 J	<0.014	<0.0069 J	<0.0069 J
SB-146	18 - 19	1/14/2015	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.009	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.009	<0.0045	<0.0045
SB-147	0 - 1	1/14/2015	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.022	<0.011	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	**0.04**	**0.0079**
SB-147	22 - 24	1/14/2015	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.035	<0.018	<0.0088	<0.0088	<0.0088	<0.0088	<0.0088	<0.018	<0.0088	<0.0088
SB-148	0 - 1	1/14/2015	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	**0.0097**	<0.016	<0.0079	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0079	<0.0039	<0.0039
SB-148	1 - 3	1/14/2015	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	**89**	<9.7	**49**	<2.4	<2.4	<2.4	<2.4	<2.4	<4.8	**28**	<2.4
SB-148	22 - 23	1/14/2015	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	**0.35 D**	<0.021	**0.34**	**0.008**	<0.0051	<0.0051	<0.0051	<0.0051	<0.01	**2.7 D**	**0.51 D**
SB-149	0 - 1	1/15/2015	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.022	<0.011	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	<0.0055	<0.0055
SB-149	22 - 24	1/15/2015	<0.0055	<0.0055	**0.08**	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.022	<0.011	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	<0.0055	<0.0055
SB-150	0 - 1	1/15/2015	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.016	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041
SB-150	16 - 18	1/15/2015	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.019	<0.0093	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047	<0.0047
SB-150	22 - 24	1/15/2015	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.029	<0.015	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.015	<0.0073	<0.0073
SB-151	0 - 1	1/15/2015	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.021	<0.01	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.01	<0.0052	<0.0052
SB-151	14 - 16	1/15/2015	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	**0.11**	<0.019	<0.0097	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0097	**0.86 D**	<0.0048
SB-151	22 - 23	1/15/2015	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.023	<0.011	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.011	<0.0056	<0.0056
SB-152	0 - 1	1/15/2015	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.017	<0.0087	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087	<0.0044	<0.0044
SB-152	18 - 20	1/15/2015	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	**0.043 J**	<0.021	<0.011	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.011	**0.14 J**	**0.015 J**
SB-152	22 - 24	1/15/2015	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.0089	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0089	<0.0045	<0.0045
SB-153	20 - 22	1/15/2015	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.03	<0.015	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.015	<0.0075	<0.0075
SB-153	22 - 24	1/15/2015	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.017	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042

Exceeds Type 2 RRS
Exceeds Type 4 RRS
NA Not Analyzed
Bold Detected above laborat

Table 4b
Historical and Recent Soil Analytical Summary - Lead
Former Lafarge Road Marking
East Point, Georgia

Location ID	Depth (ft)	Date Collected	Lead
			mg/kg
		Type 2 RRS-Soil	270
		Type 4 RRS-Soil	400
SB-1	1 - 2	3/9/2010	**36**
SB-1	15 - 17	3/9/2010	**6.28**
SB-1	20 - 22	3/9/2010	**6.13**
SB-2	1 - 2	3/9/2010	**17**
SB-2	13 - 15	3/9/2010	**9.25**
SB-2	20 - 22	3/9/2010	**8.94**
SB-3	1 - 2	3/9/2010	**1,010**
SB-3	8 - 10	3/9/2010	**14.2**
SB-3	20 - 22	3/9/2010	**24.6**
SB-4	1 - 2	3/9/2010	**48.5**
SB-4	18 - 20	3/9/2010	**11.2**
SB-4	20 - 22	3/9/2010	**11.1**
SB-5	1 - 2	3/9/2010	**255**
SB-5	10 - 12	3/9/2010	**116**
SB-5	20 - 22	3/9/2010	**7.75**
SB-6	1 - 2	3/9/2010	**102**
SB-6	10 - 12	3/9/2010	**129**
SB-6	20 - 22	3/9/2010	<5.78
SB-7	1 - 2	3/9/2010	**287**
SB-7	8 - 10	3/9/2010	**20.6**
SB-7	20 - 22	3/9/2010	<5.85
SB-8	1 - 2	3/9/2010	**139**
SB-8	13 - 15	3/9/2010	<6.05
SB-8	20 - 22	3/9/2010	**10.1**
SB-9	1 - 2	3/9/2010	**1,010**
SB-9	5 - 7	3/9/2010	**21.2**
SB-9	20 - 22	3/9/2010	**6.59**
SB-10	1 - 2	8/24/2010	**460**
SB-11	1 - 2	8/24/2010	**180**
SB-12	1 - 2	8/24/2010	**25**
SB-13	1 - 2	8/24/2010	**350**
SB-14	1 - 2	8/24/2010	**29**
SB-15	1 - 2	8/25/2010	**15**
SB-16	1 - 2	8/25/2010	**100**
SB-19	1 - 2	8/25/2010	**27**
SB-21	1 - 2	8/25/2010	**12**
SB-24	1 - 2	8/25/2010	**22**
SB-25	1 - 2	8/25/2010	**13**
SB-26	1 - 2	8/25/2010	**310**
SB-27	1 - 2	8/25/2010	**520**
SB-29	1 - 2	8/25/2010	**18**
SB-30	1 - 2	8/25/2010	**110**
SB-31	1 - 2	8/25/2010	**210**
SB-32	1 - 2	8/25/2010	**1,500**
SB-33	1 - 2	8/26/2010	**11**
SB-34	1 - 2	8/26/2010	**28**
SB-36	1 - 2	8/26/2010	**30**
SB-37	1 - 2	8/26/2010	**61**
SB-38	1 - 2	8/26/2010	**12**
SB-39	1 - 2	8/26/2010	**640**
SB-40	1 - 2	8/26/2010	**890**
SB-142	0 - 1	1/14/2015	**39 J**
SB-142	1 - 3	1/14/2015	**339 J**
SB-142	8 - 10	1/14/2015	**21.2 J**
SB-142	26 - 28	1/14/2015	**19.9 J**
SB-143	1 - 3	1/14/2015	**13.7**
SB-143	8 - 10	1/14/2015	**9.65 J**
SB-143	18 - 20	1/14/2015	**16.6 J**

Location ID	Depth (ft)	Date Collected	Lead
			mg/kg
		Type 2 RRS-Soil	270
		Type 4 RRS-Soil	400
SB-144	0 - 1	1/14/2015	**111 J**
SB-144	1 - 3	1/14/2015	**11.6 J**
SB-144	8 - 10	1/14/2015	**8.5 J**
SB-144	24 - 25	1/14/2015	<6.2 J
SB-145	0 - 1	1/14/2015	**20.4 J**
SB-145	1 - 3	1/14/2015	**17.1 J**
SB-145	8 - 10	1/14/2015	**13 J**
SB-145	17 - 19.5	1/14/2015	<5.76 J
SB-146	1 - 3	1/14/2015	**14.5 J**
SB-146	8 - 10	1/14/2015	**6.77 J**
SB-146	18 - 19	1/14/2015	<5.15 J
SB-147	0 - 1	1/14/2015	**141 J**
SB-147	1 - 3	1/14/2015	**45.4 J**
SB-147	8 - 10	1/14/2015	<6.26 J
SB-147	22 - 24	1/14/2015	<6.43 J
SB-148	0 - 1	1/14/2015	**148 J**
SB-148	1 - 3	1/14/2015	**15.9 J**
SB-148	8 - 10	1/14/2015	**15.7 J**
SB-148	22 - 23	1/14/2015	**9.25 J**
SB-149	0 - 1	1/15/2015	**17.4 J**
SB-149	1 - 3	1/15/2015	**21.4 J**
SB-149	8 - 10	1/15/2015	**23.6 J**
SB-149	22 - 24	1/15/2015	**18.8 J**
SB-150	0 - 1	1/15/2015	**107 J**
SB-150	1 - 3	1/15/2015	**141 J**
SB-150	8 - 10	1/15/2015	**61.3 J**
SB-150	22 - 24	1/15/2015	**10.6 J**
SB-151	0 - 1	1/15/2015	**157 J**
SB-151	1 - 3	1/15/2015	**254 J**
SB-151	8 - 10	1/15/2015	<5.84 J
SB-151	22 - 23	1/15/2015	**9.21 J**
SB-152	0 - 1	1/15/2015	**64 J**
SB-152	1 - 3	1/15/2015	**13.9 J**
SB-152	8 - 10	1/15/2015	**12.3 J**
SB-152	22 - 24	1/15/2015	**8.14 J**
SB-153	8 - 10	1/15/2015	<6.11 J
SB-153	22 - 24	1/15/2015	**5.64 J**
SB-154	0 - 1	4/23/2015	**193**
SB-154	1 - 3	4/23/2015	**125**
SB-154	3 - 5	4/23/2015	**20.2**
SB-155	0 - 1	4/23/2015	**83.5**
SB-155	1 - 3	4/23/2015	**336**
SB-155	3 - 5	4/23/2015	**125**
SB-156	0 - 1	4/23/2015	**275**
SB-156	0 - 1	7/29/2015	**193**
SB-156	1 - 3	4/23/2015	**471**
SB-156	1 - 3	7/29/2015	**378**
SB-156	3 - 5	4/23/2015	**534**
SB-156	3 - 5	7/29/2015	**1,130**
SB-156	5 - 7	7/29/2015	**23.5**
SB-157	0 - 1	4/23/2015	**53.6**
SB-157	1 - 3	4/23/2015	**10.6**
SB-157	3 - 5	4/23/2015	**9.07**
SB-158	0 - 1	7/29/2015	**18**
SB-158	1 - 3	7/29/2015	**57**
SB-158	3 - 5	7/29/2015	**234**
SB-158	5 - 7	7/29/2015	**17.9**
SB-159	0 - 1	7/29/2015	**118**
SB-159	1 - 3	7/29/2015	**29**
SB-159	3 - 5	7/29/2015	**40**
SB-159	5 - 7	7/29/2015	**15.8**

Table 5
Vapor Treatment System Analytical Summary
Lafarge Road Marking
East Point, Georgia

Sample Location	Date	Hour Meter	System Vacuum (in. Hg)	Flow Rate (scfm)	OVA (ppm)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	n-Heptane	n-Hexane	Methylene Chloride	cis-1-2-Dichloroethene	TCE	Total cVOCs	TRPH	Emission/Recovery Rate (lb/day)	Emission/Recovery Mass (lbs)	Total Mass Recovered (lbs)
SVE INF	10/8/13	*6*	10	*1,200*	291	10 U	2,500	120	395	2,400	9,500	10 U	200	530	730	38,000	4,168.9	1,042.2	1,042
SVE INF	10/9/13	*24*	9	1,195	1,166	10 U	3,000	140	472	2,200	9,000	10 U	300	710	1,010	38,000	4,181.5	3,136.2	4,178
SVE INF	10/10/13	*40*	7	880	1,157	10 U	2,600	55	857	2,000	7,300	10 U	48	600	648	35,000	2,813.9	1,875.9	6,054
SVE INF	10/15/13	*58*	8	1,492	3,000	10 U	3,200	200	761	2,400	8,100	10 U	250	840	1,090	35,000	4,830.0	3,622.5	9,677
SVE INF	10/16/13	*74*	9	1,493	4,990	10 U	2,300	150	453	1,600	5,500	10 U	270	690	960	25,000	3,476.6	2,317.7	11,995
SVE INF	11/18/13	*96*	6	1,494	600	10 U	360	210	830	2,000	6,600	10 U	310	800	1,110	31,000	4,303.1	3,944.5	15,939
SVE INF	11/19/13	*120*	6	1,494	749	10 U	1,800	130	527	1,100	3,200	10 U	170	630	800	17,000	2,385.4	2,385.4	18,325
SVE INF	11/20/13	*144*	6	1,494		10 U	1,300	99	268	830	2,200	16	97	470	567	12,000	1,684.1	1,684.1	20,009
SVE INF	12/16/13	*160*	6	494		10 U	3,100	120	427	1,500	1,900	84	620	2,300	2,920	17,000	882.7	588.5	20,597
SVE INF	12/20/13	*168*	6	594		10 U	1,900	84	312	860	1,300	17	170	1,200	1,370	10,000	605.8	201.9	20,799
SVE INF	12/23/13	*216*	6	594		10 U	2,400	110	458	900	1,300	10 U	180	1,300	1,480	11,000	665.0	1,329.9	22,129
SVE INF	12/27/13	*314*	8	619	1,130	10 U	1,100	57	222	460	820	10 U	40	430	470	5,800	348.1	1,421.6	23,551
SVE INF	1/2/14	*402*	9	559	925	10 U	1,200	66	247	460	1,100	10 U	37	310	347	6,500	343.3	1,258.9	24,809
SVE INF	1/10/14	*545*	10	526		10 U	820	50	186	360	1,000	10 U	24	180	204	5,200	255.0	1,519.2	26,329
SVE INF	1/18/14	*666*	10	597		10 U	560	37	155	180	620	10 U	10	81	91	3,100	170.9	861.5	27,190
SVE INF	1/24/14	*786*	6	617		10 U	430	29	111	160	540	10 U	10 U	57	57	2,600	147.1	735.3	27,925
SVE INF	2/1/14	*930*	8	615	434	10 U	400	27	101	160	540	10 U	10 U	57	57	2,600	146.6	879.4	28,805
SVE INF	2/6/14	*1,014*	9	517		10 U	550	34	131	180	480	10 U	15	54	69	2,600	123.8	433.2	29,238
SVE INF	3/5/14	*1,470*	9	862		10 U	580	42	166	200	330	10 U	10 U	54	54	2,800	220.7	4,192.8	33,431
SVE INF	3/20/14	*1,830*	8	599		14	500	62	272	220	330	10 U	10U	54	54	2,900	158.7	2,380.8	35,812
SVE INF	4/8/14	*2,214*	8	648	2,468	10 U	550	42	131	180	480	10 U	15	54	69	2,600	155.1	2,482.2	38,294
SVE INF	4/25/14	*2,262*	10	483	621	10 U	330	28	119	150	190	10 U	18	110	128	1,900	87.9	175.7	38,470
SVE INF	5/23/14	*2,934*	4	815	364	10 U	280	33	127	120	170	10 U	10	77	87	1,800	138.0	3,862.6	42,332
SVE INF	7/16/14	*3,636*	4	808		16	360	39	204	180	290	10 U	18	140	158	2,700	207.1	6,058.9	48,391
SVE-INF	8/5/14	*4,270*	*8*	*298*		20	440	53	252	250	410	10U	18	130	148	3,700	102.9	2,716.8	51,108
SVE INF	10/21/14	*5,678*	3	173		50	700	37	196	360	1,600	10 U	260	290	550	7,600	126.5	7,419.7	58,528
SVE INF	10/22/14	*5,697*	2	160		28	380	23	109	250	1,200	10 U	100	130	230	5,600	83.7	67.3	58,595
SVE INF	11/4/14	*5,966*	2	223		75	1,100	83	401	700	1,800	10 U	220	360	580	12,000	251.6	2,815.2	61,410
SVE INF	1/20/15	*6,726*	3	242	879	40	620	55	277	350	1,200	10 U	110	170	280	7,000	158.0	5,004.9	66,415
SVE INF	1/20/15	*6,729*	3	242		55	770	62	337	460	1,200	10 U	90	180	270	8,100	181.7	22.0	66,437
SVE INF	1/20/15	*6,730*	3	242		60	700	50	265	430	1,400	10U	120	200	320	8,500	191.5	8.8	66,446
SVE INF	1/29/15	*6,917*	2	287	767	110	600	72	294	1,200	4,200	10 U	38	10 U	38	19,000	489.3	3,820.3	70,266
SVE INF	1/29/15	*6,921*	2	287	750	190	1,200	86	366	1,700	8,700	10 U	92	19	111	33,000	850.9	148.9	70,415
SVE INF	1/29/15	*6,926*	2	287	780	240	1,200	100	447	2,700	10,000	10 U	64	10 U	64	37,000	952.5	174.6	70,590
SVE INF	2/23/15	*7,136*	2	279		110	1,200	64	300	1,100	2,900	10 U	57	89	146	15,000	379.0	3,321.1	73,911
SVE INF	2/23/15	*7,137*	2	279	1,117	93	1,000	47	216	830	2,400	10 U	50	82	132	13,000	328.6	15.1	73,926
SVE INF	3/26/15	*7,630*	2	223		260	2,300	75	326	1,600	6,100	10 U	210	450	660	29,000	593.3	12,190.1	86,116
SVE INF	3/26/15	*7,636*	2	223	1,740	92	1,200	85	406	720	1,400	10 U	42	160	202	11,000	224.1	51.4	86,167
SVE INF	4/17/15	*8,063*	2	223		92	1,100	85	428	810	1,300	10 U	160	300	460	12,000	249.2	4,439.6	90,607
SVE INF	4/17/15	*8,063*	2	223		92	1,200	83	437	820	1,200	10 U	160	280	440	12,000	248.8	0.0	90,607
SVE INF	6/2/15	*8,878*	2	246		120	1,400	81	370	920	2,400	10 U	280	430	710	14,000	324.6	11,011.8	101,619
SVE INF	6/2/15	*8,881*	2	246		260	2,500	150	680	1,600	6,200	10 U	850	880	1,730	31,000	722.2	90.3	101,709
SVE INF	8/4/15	*9,975*	2	351		10 U	290	28	135	190	910	10 U	10 U	23	3,033	4,300	230.5	10,509.2	112,218
SVE INF	8/4/15	*9,979*	2	351		10 U	230	21	121	250	1,500	10 U	850	880	4,180	6,000	320.1	53.3	112,271
SVE INF	9/2/15	*10,671*	2	187		35	280	21	111	190	1,200	10 U	57	43	500	5,900	107.4	3,095.3	115,367
SVE INF	9/2/15	*10,675*	2	187		32	480	34	180	260	880	10 U	29	50	569	5,500	101.8	17.0	115,384
SVE INF	9/11/15	*10,887*	2	154		43	360	20	118	10 U	10 U	10 U	10 U	83	623	6,100	92.9	820.4	116,204
SVE INF	9/11/15	*10,891*	2	154		24	170	13	79	10 U	10 U	10 U	10 U	42	282	3,800	56.4	9.4	116,213
SVE EFF	10/8/13	*6*	10	*1,200*	62	10 U	10 U	10 U	30 U	10 U	10 U	10 U	150	10 U	150	100 U	21.5	5.4	5
SVE EFF	10/9/13	*24*	9	1,195	96	10 U	74	*10*	24	21	16	10 U	10	25	35	820	91.6	68.7	74

Table 5
Vapor Treatment System Analytical Summary
Lafarge Road Marking
East Point, Georgia

Sample Location	Date	Hour Meter	System Vacuum (in. Hg)	Flow Rate (scfm)	OVA (ppm)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	n-Heptane	n-Hexane	Methylene Chloride	cis-1-2-Dichloroethene	TCE	Total cVOCs	TRPH	Emission/Recovery Rate (lb/day)	Emission/Recovery Mass (lbs)	Total Mass Recovered (lbs)
SVE EFF	10/10/13	*40*	7	880	4	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	4.3	2.9	77
SVE EFF	10/15/13	*58*	8	1,492	5	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	7.4	5.5	83
SVE EFF	10/16/13	*74*	9	1,493	229	10 U	10 U	10 U	30 U	10 U	14,000	10 U	10 U	10 U	BDL	25,000	3,348.1	2,232.0	2,315
SVE EFF	11/18/13	*96*	6	1,494	10	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	7.4	6.8	2,321
SVE EFF	11/19/13	*120*	6	1,494	3	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	7.4	7.4	2,329
SVE EFF	11/20/13	*144*	6	1,494	3	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	120	16.1	16.1	2,345
SVE EFF	11/21/13	*160*	6	494	3	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	2.4	1.6	2,346
GAC-MID	12/20/13	*168*	6	594		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	2.9	1.0	2,347
SVE EFF	12/27/13	*216*	6	594	0	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	2.9	5.9	2,353
SVE EFF	1/2/14	*314*	8	619	0	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	3.1	12.5	2,366
SVE EFF	1/10/14	*402*	9	559		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	2.8	10.1	2,376
SVE EFF	1/18/14	*545*	10	526		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	2.6	15.5	2,391
SVE EFF	1/18/14	*666*	10	597		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	2.9	14.8	2,406
SVE EFF	1/24/14	*786*	6	617		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	3.0	15.2	2,421
SVE EFF	2/1/14	*930*	8	615	48	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	620	34.2	205.2	2,627
SVE EFF	2/6/14	*1,014*	9	517		10 U	10 U	10 U	30 U	10 U	11	10 U	10 U	10 U	BDL	700	32.5	113.6	2,740
SVE EFF	3/5/14	*1,470*	9	862		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	4.3	80.8	2,821
SVE EFF	3/20/14	*1,830*	8	599	48	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	3.0	44.3	2,865
SVE EFF	4/8/14	*2,214*	8	648		10 U	10 U	10 U	30 U	10 U	520	10 U	10 U	10 U	BDL	1,100	63.9	1,025.4	3,891
SVE EFF	4/25/14	*2,262*	10	483		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	2.4	4.8	3,895
SVE EFF	5/23/14	*2,934*	4	815		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	4.0	112.6	4,008
SVE EFF	7/16/14	*3,636*	4	808		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	4.0	116.6	4,125
SVE-EFF	8/5/14	*4,270*	*8*	*298*		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	1.5	38.8	4,163
SVE-EFF	9/23/14	*5,366*	*4*	851		10 U	16	10 U	21	10 U	10 U	10 U	10 U	10 U	BDL	380	29.0	1,324.7	5,488
SVE-EFF	10/21/14	*5,678*	3	173	0	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	0.9	11.1	5,499
SVE-EFF	10/22/14	*5,697*	2	160	0	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	0.8	0.6	5,500
SVE-EFF	3/26/15	*7,630*	2	223	1	10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	1.1	88.6	5,588
SVE-EFF	4/17/15	*8,063*	2	222		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	1.1	19.8	5,608
SVE-EFF	6/2/15	*8,878*	2	246		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	1.2	41.2	5,649
SVE-EFF	8/5/15	*9,979*	2	351		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	1.7	79.3	5,729
SVE-EFF	9/2/15	*10,671*	2	187		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	0.9	26.6	5,755
GAC-MID	12/20/13	*200*	6	250		10 U	10 U	10 U	30 U	10 U	10 U	10 U	10 U	10 U	BDL	100 U	1.2	10.3	--
GAC-MID	2/1/14	*930*	6	177		10 U	10 U	10 U	30 U	29	850	10 U	19	270	289	2,600	45.9	1,777.4	--
GAC-MID	4/8/14	*2,214*	8	500	320	10 U	180	10 U	30 U	180	170	10 U	10 U	42	42	1,000	46.7	3,921.7	--
Z1 SVE INF	11/21/13	*24*	5	*339*		10 U	270	37	147	100	21	10 U	35	61	96	1,600	51.6	51.6	--
Z1 SVE INF	11/21/13	*24*	5	339		10 U	1,100	*87*	300	950	1,000	10 U	10	410	420	9,700	307.7	307.7	--
Z1 SVE INF	3/5/14	*24*	*8*	250		10 U	100	14	72	48	35	10 U	14	19	33	930	21.6	21.6	--
Z1 SVE INF	1/20/15	*12*	3	242		55	770	62	337	460	1,200	10 U	90	180	270	8,100	181.7	90.8	--
Z1 SVE INF	4/17/15	*12*	2	223		92	1,200	83	437	820	1,200	10 U	160	280	440	12,000	248.8	124.4	--
Z1 SVE INF	6/2/15	*12*	2	246		260	2,500	150	680	1,600	6,200	10 U	850	880	1,730	31,000	722.2	361.1	--
Z1 SVE INF	9/11/15	*12*	2	154		24	170	13	79	10 U	10 U	10 U	10 U	42	282	3,800	56.4	28.2	--
Z2 SVE INF	11/21/13	*24*	4	208		10 U	1,400	59	233	610	560	57	350	1,200	1,550	6,600	152.1	152.1	--
Z2 SVE INF	11/21/13	*24*	4	208		10 U	2,100	89	321	1,100	1,400	130	600	1,700	2,300	12,000	266.8	266.8	--
Z2 SVE INF	12/19/13	*24*	4	260		10 U	3,100	120	427	1,500	1,900	84	620	2,300	2,920	17,000	464.6	464.6	--
Z2 SVE INF	3/5/14	*24*	*8*	*250*		10 U	1,800	120	481	600	1,000	10U	11	140	151	7,700	176.1	176.1	--
Z2 SVE INF	5/23/14	*24*	*8*	*285*		29	830	97	379	350	480	10U	28	220	248	5,200	139.3	139.3	--
Z2 SVE INF	7/16/14	*24*	*8*	*301*		45	1,100	100	526	510	920	10U	56	430	486	7,500	215.6	215.6	--
Z2 SVE INF	1/20/15	*12*	3	242		60	700	50	265	430	1,400	10U	120	200	320	8,500	191.5	95.7	--
Z2 SVE INF	4/17/15	*12*	2	223		92	1,100	85	428	810	1,300	10 U	160	300	460	12,000	249.2	124.6	--
Z2 SVE INF	6/2/15	*12*	2	246		120	1,400	81	370	920	2,400	10 U	280	430	710	14,000	324.6	162.3	--
Z2 SVE INF	9/11/15	*12*	2	154		43	360	20	118	10 U	10 U	10 U	10 U	83	623	6,100	92.9	46.4	--

Table 5
Vapor Treatment System Analytical Summary
Lafarge Road Marking
East Point, Georgia

Sample Location	Sample Date	Hour Meter	System Vacuum (in. Hg)	Flow Rate (scfm)	OVA (ppm)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	n-Heptane	n-Hexane	Methylene Chloride	cis-1-2-Dichloroethene	TCE	Total cVOCs	TRPH	Emission/Recovery Rate (lb/day)	Emission/Recovery Mass (lbs)	Total Mass Recovered (lbs)
Z3 SVE INF	11/21/13	*24*	4	381		10 U	3,600	240	750	1,200	2,900	10 U	73	900	973	20,000	716.8	716.8	--
Z3 SVE INF	11/21/13	*24*	4	381		10 U	4,800	310	1,020	2,100	8,900	10 U	81	1,100	1,181	36,000	1,270.7	1,270.7	--
Z3 SVE INF	1/29/15	*24*	2	287		190	1,200	86	366	1,700	8,700	10 U	92	19	111	33,000	850.9	850.9	--
Z3 SVE INF	2/23/15	*12*	2	250		93	1,000	47	216	830	2,400	10 U	50	82	132	13,000	294.5	147.2	--
Z3 SVE INF	3/26/15	*12*	2	223		260	2,300	75	326	1,600	6,100	10 U	210	450	660	29,000	593.3	296.6	--
Z3 SVE INF	8/4/15	*12*	2	351		10 U	290	28	135	190	910	10 U	10 U	23	3,033	4,300	230.9	115.4	--
Z3 SVE INF	9/2/15	*12*	2	187		32	480	34	180	260	880	10 U	29	50	569	5,500	101.8	50.9	--
Z4 SVE INF	11/21/13	*24*	4	389		10 U	590	77	131	1,000	3,500	10 U	12	33	45	16,000	559.9	559.9	--
Z4 SVE INF	11/21/13	*24*	4	389		10 U	1,200	150	397	3,100	9,600	10 U	18	91	109	36,000	1,260.0	1,260.0	--
Z4 SVE INF	1/29/15	*24*	2	287		240	1,200	100	447	2,700	10,000	10 U	64	10 U	64	37,000	952.5	952.5	--
Z4 SVE INF	2/23/15	*12*	2	250		110	1,200	64	300	1,100	2,900	10 U	57	89	146	15,000	339.6	169.8	--
Z4 SVE INF	3/26/15	*12*	2	223		92	1,200	85	406	720	1,400	10 U	42	160	202	11,000	224.1	112.0	--
Z4 SVE INF	8/4/15	*12*	2	351		10 U	230	21	121	250	1,500	10 U	850	880	4,180	6,000	320.5	160.3	--
Z4 SVE INF	9/2/15	*12*	2	187		35	280	21	111	190	1,200	10 U	57	43	500	5,900	107.4	53.7	--

Notes:

Analytical Results = mg/m^3

in. Hg = inches of mercury

ppm = parts per million

lbs = pounds

TCE = tricholorethene

cVOC = chlorinated Volatile Organic Compounds

TRPH = total recoverable petroleum hydrocarbons

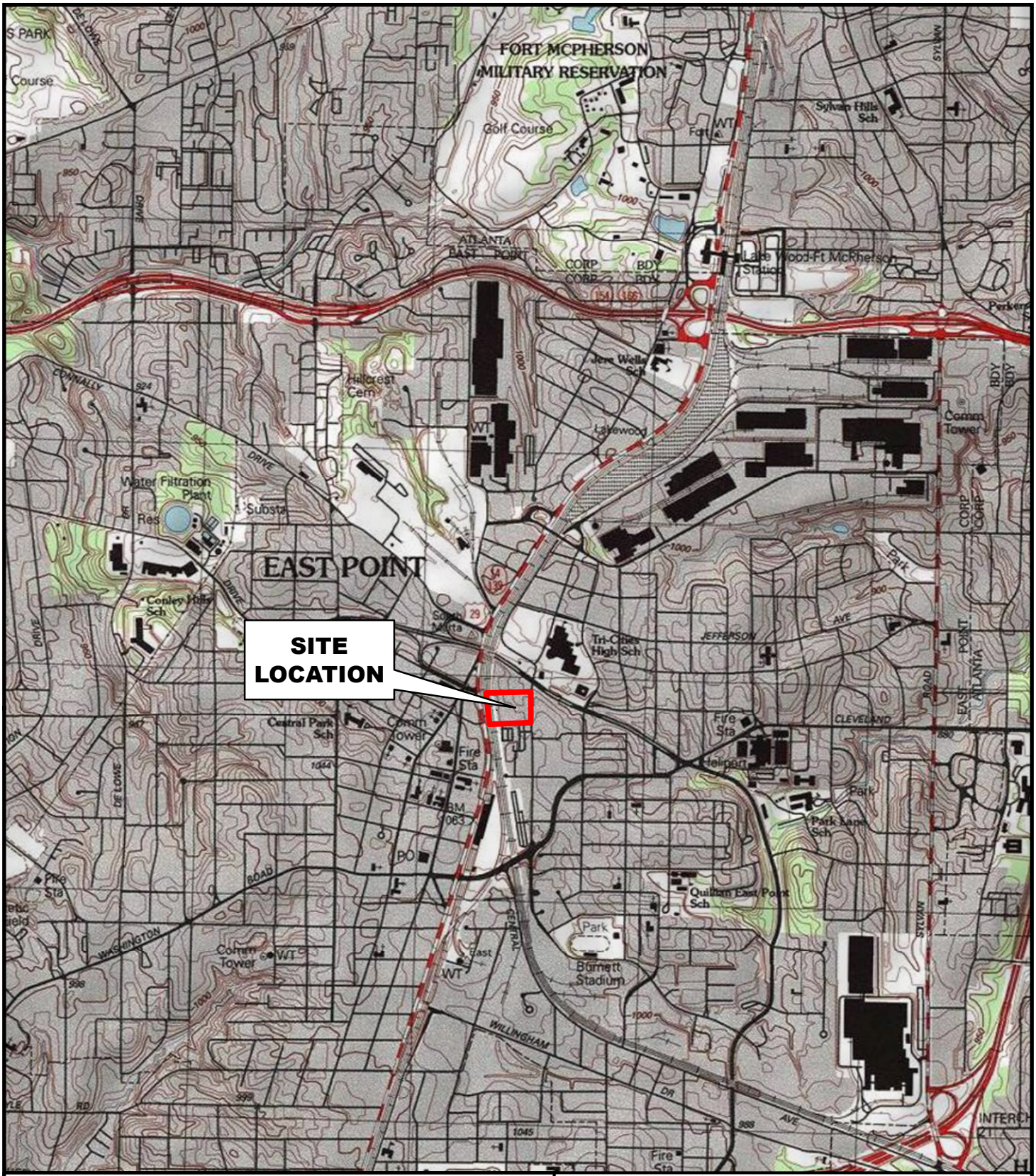
Italics = estimated (flow rate) or estimate hour meter reading

Table 6
Groundwater Recovery and Treatment System Operation Summary - 2015
Lafarge Road Marking
East Point, Georgia

Month	Average Influent Total VOC (ug/l)	Estimated Total VOC Removed (lbs)	Plant Influent (gal)	Discharged	
				to POTW (gal)	to Infiltration Gallery (gal)
January	4,573	19.63	514,626	514,626	0
February	7,517	32.28	514,864	514,864	0
March	42,090	217.81	620,502	620,502	0
April	12,711	65.63	619,080	619,080	0
May	9,981	37.12	445,982	445,982	0
June	1,540	7.46	580,551	580,551	0
July	1,392	6.66	573,213	573,213	0
August	9,605	53.16	663,673	663,673	0
September	8,380	39.38	563,451	563,451	0
October					0
November					0
December					0
Annual Total	97,789	479.13	5,095,942	5,095,942	0
Monthly Average	10,865	53.24	566,216	566,216	0

ARCADIS

Figures



County Location

Source: USGS SW Atlanta, GA 7.5 Minute Quadrangle fromArcGIS Online Services Hosted by ESRI

0 500 1,000 2,000

Scale in Feet

LAFARGE ROAD MARKING, INC.
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA

SITE LOCATION

ARCADIS

FIGURE
1

CITY: AUGUSTA DIV/GROUP: ENV DB: A. Saul LD: A. Saul PIC: PM: TM: TR:
Project Number: Path: G:\ENVCAD\Augusta-GA\ACT\HT212516\0012\00001\2012 Figures\Fig01_HT212516.mxd Date Saved: 10/3/2012 1:10:15 PM

East Forrest Avenue

Norman Berry Drive

R N Martin Street

FORMER HAZARDOUS WASTE DRUM STORAGE AREA (SWMU #1)

FORMER WASTE SOLVENT TANKS (SWMU #2)

FORMER UNDERGROUND STORAGE TANK FARM (SWMU #4)

FORMER GASOLINE UST

FORMER CAUSTIC TANKS

GROUNDWATER TREATMENT BUILDING

MW-01 MW-02 MW-03 MW-04 MW-05 MW-05R MW-06 MW-07 MW-08 MW-09 MW-10 MW-11 MW-12 MW-13 MW-14 MW-15 MW-16 MW-17 MW-18 MW-19 MW-20 MW-21 MW-22 MW-23 MW-24 MW-25 MW-26 MW-27 MW-28 MW-29 MW-30 MW-31 MW-32 MW-33 MW-34 MW-35 MW-36

RW-01 RW-02 RW-03 RW-04 RW-05 RW-06 RW-07 RW-08

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
	FENCE
	RAILROAD TRACKS
	HISTORICAL FEATURES
	BUILDING/STRUCTURE
	PROPOSED DEEP MONITORING WELL
	PROPOSED SHALLOW MONITORING WELL

80' 0 80'

Approximate Scale: 1"=80'

IMAGE SOURCE: Google Earth Pro © Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA

SITE LAYOUT

ARCADIS

FIGURE
2

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\Tallahassee-FL\ACTIVITY\212446\0015\0002\HT212446B01.dwg LAYOUT: FIG 2 SITE LAYOUT SAVED: 8/24/2015 6:23 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 8/24/2015 6:24 PM BY: BERNDGEN, WENDY
XREFS:
HT212516X02
PROJECTNAME: ---

East Forrest Avenue

Norman Berry Drive

R N Martin Street

(1001.71) MW-28 MW-29

MW-27 MW-26 (1009.35)

(1008.51)* (NM) MW-8 MW-7 MW-21 RW-02 (1010.32) RW-08 MW-25

(1011.34) MW-24 MW-23

MW-34 MW-32 MW-33 (1008.46)* MW-35

FORMER HAZARDOUS WASTE DRUM STORAGE AREA (SWMU #1)

RW-6 (NM)

MW-09 RW-03 (NM)

MW-20 (1009.24) MW-10 (1009.76)

P-8 (NM)

(1005.65) MW-12 MW-11 MW-22 (1005.37)

P-4 (NM)

MW-30 MW-31 (1009.33)

RW-04 (NM)

MW-05 MW-04 MW-05R (1011.11)

FORMER WASTE SOLVENT TANK (SWMU #2)

MW-36

MW-03 (1011.45) (NM) MW-02 (1011.87)

FORMER GASOLINE UST

(995.22)

P-6 (1005.95) MW-14 (1006.02) MW-13 MW-19 (1006.08)

MW-06 (1012.73)

FORMER UNDERGROUND STORAGE TANK FARM (SWMU #4)

P-2

(RW-01) 1010.14

MW-17 (1011.31)

FORMER (SWMU #3)

GROUNDWATER TREATMENT BUILDING

(1008.94) (RW-05) MW-16 MW-15 (1009.48)

P-7 (1005.87)

MW-18 (1013.46)

1013 1012 1011 1010 1009 1008 1007 1006 1002 1003 1004 1005

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
	PIEZOMTER
	FENCE
	RAILROAD TRACKS
	HISTORICAL FEATURES
	BUILDING/STRUCTURE
(1003.68)	GROUNDWATER ELEVATION (FT AMS)
1003	GROUNDWATER ELEVATION CONTOUR (FT AMSL)
*	NOT USED IN CONTOURING
	ESTIMATED GROUNDWATER FLOW DIRECTION

60' 0 60'

Approximate Scale: 1"=60'

IMAGE SOURCE: Google Earth Pro © Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA
VRP PROGRESS REPORT #2

UPPER AQUIFER ZONE POTENTIOMETRIC SURFACE ELEVATIONS MAY 2015

ARCADIS

FIGURE 3A

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\Tallahassee-FL\ACT\HT212446\001\50002\HT212446B01.dwg LAYOUT: FIG 3A GWE 5-15 SAVED: 9/8/2015 6:50 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/7/2015 5:36 PM BY: BERNDGEN, WENDY
XREFS:
HT212516X02
PROJECTNAME: ----

East Forrest Avenue

Norman Berry Drive

R N Martin Street

1008
1009
1010
1011
1003
1004
1005
1006
1007

(1010.16)
(1010.13
(1011.55)
(1010.51)
(1002.20)
(1006.29)
(1006.39)
(1009.22)
(1009.58)
(1008.99)
(1023.55)*

MW-27
MW-26
MW-28
MW-29
MW-24
MW-23
MW-21
MW-8
MW-7
MW-34
MW-25
MW-33
MW-32
(NM)
MW-35
(NS)
MW-36
(NS)
MW-05
MW-04
MW-05R
MW-03
MW-02
MW-06
MW-17
MW-18
MW-09
MW-10
MW-20
MW-30
MW-31
MW-12
MW-11
MW-22
MW-13
MW-16
MW-15

RW-02
RW-08
RW-6
RW-03
RW-04
RW-07
(RW-01)
(RW-05)

P-2
P-4
P-6
P-7
P-8

FORMER HAZARDOUS WASTE DRUM STORAGE AREA
(SWMU #1)

FORMER WASTE SOLVENT TANKS
(SWMU #2)

FORMER GASOLINE UST

FORMER UNDERGROUND STORAGE TANK FARM
(SWMU #4)

FORMER
(SWMU #3)

GROUNDWATER TREATMENT BUILDING

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
	PIEZOMTER
	FENCE
	RAILROAD TRACKS
	HISTORICAL FEATURES
	BUILDING/STRUCTURE
(1003.76)	GROUNDWATER ELEVATION (FT AMS)
1003	GROUNDWATER ELEVATION CONTOUR (FT AMSL)
*	NOT USED IN CONTOURING
NS	NOT SURVEYED
	ESTIMATED GROUNDWATER FLOW DIRECTION

60' 0 60'

Approximate Scale: 1"=60'

IMAGE SOURCE: Google Earth Pro © Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA
VRP PROGRESS REPORT #2

LOWER AQUIFER ZONE POTENTIOMETRIC SURFACE ELEVATIONS MAY 2015

ARCADIS

FIGURE
3B

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(OptION=*;OFF=*REF*
G:\ENVCAD\Tallahassee-FLIACT\HT212446\001500002\HT212446B01.dwg LAYOUT: FIG 3B GWE 5-15 SAVED: 9/8/2015 6:50 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/7/2015 5:37 PM BY: BERNDGEN, WENDY
XREFS:
HT212516X02
PROJECTNAME: ---

CITY:(Recd) DIV/GROUP:(Recd) DB:(Recd) LD:(Opt) PIC:(Opt) PM:(Recd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENV\CAD\Tallassee-FL\ACT\HT212446\015\0002\HT212446C03.dwg LAYOUT: FIG 4A GW TAG SAVED: 10/7/2015 6:14 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2015 1:10 PM BY: BERNDGEN, WENDY
XREFS: PROJECTNAME:
HT212516X02

	Type 2 RRS	Type 4 RRS	UNITS
cis-1,2-Dichloroethene	70	200	ug/L
Trichloroethene	5	5.2	ug/L
Vinyl Chloride	2	2	ug/L

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
- FENCE
- RAILROAD TRACKS
- HISTORICAL FEATURES
- BUILDING/STRUCTURE
- PROPOSED DEEP MONITORING WELL
- PROPOSED SHALLOW MONITORING WELL
- NA — NOT ANALYZED
- cis-1,2-DICHLOROETHYLENE ISOCONTOUR (TYPE 2 RRS: 70 µg/L)
- TRICHLOROETHENE ISOCONTOUR (TYPE 2 RRS: 5 µg/L)
- VINYL CHLORIDE ISOCONTOUR (TYPE 2 RRS: 2 µg/L)

60' 0 80'

Approximate Scale: 1"=80'

IMAGE SOURCE: Google Earth Pro ® Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA
VRP PROGRESS REPORT #2

CHLORINATED VOCs GROUNDWATER SUMMARY FEBRUARY AND MAY 2015

ARCADIS

FIGURE **4A**

East Forrest Avenue

R.N Martin Street

FORMER HAZARDOUS WASTE DRUM STORAGE AREA (SWMU #1)

FORMER WASTE SOLVENT TANKS (SWMU #2)

FORMER UNDERGROUND STORAGE TANK FARM (SWMU #4)

FORMER CAUSTIC TANKS

FORMER GASOLINE UST

GROUNDWATER TREATMENT BUILDING

MW-08	2/18/2015	5/20/2015
cis-1,2-Dichloroethene	7.7	8.7
Trichloroethene	<5.0	10
Vinyl Chloride	11	51

RW-08	2/18/2015	5/20/2015
cis-1,2-Dichloroethene	630	830
Trichloroethene	170	410
Vinyl Chloride	2.1	4.9

MW-27	5/19/2015
cis-1,2-Dichloroethene	870 [720]
Trichloroethene	38 [35]
Vinyl Chloride	<2.0 [<2.0]

RW-07	5/18/2015
cis-1,2-Dichloroethene	16
Trichloroethene	<5.0
Vinyl Chloride	13

MW-20	5/20/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-28	5/19/2015
cis-1,2-Dichloroethene	1,500
Trichloroethene	340
Vinyl Chloride	10

MW-21	2/18/2015	5/21/2015
cis-1,2-Dichloroethene	5,100	1,300
Trichloroethene	<5.0	<5.0
Vinyl Chloride	290	34

MW-07	2/18/2015	5/21/2015
cis-1,2-Dichloroethene	12,000	6,200
Trichloroethene	12,000	10,000
Vinyl Chloride	<2.0	<2.0

RW-02	2/18/2015	5/15/2015
cis-1,2-Dichloroethene	2,000	480
Trichloroethene	<250	53
Vinyl Chloride	420	39

MW-26	5/19/2015
cis-1,2-Dichloroethene	160 [140]
Trichloroethene	16 [15]
Vinyl Chloride	<2.0 [<2.0]

RW-06	5/18/2015
cis-1,2-Dichloroethene	210
Trichloroethene	8.1
Vinyl Chloride	21

MW-09	5/20/2015
cis-1,2-Dichloroethene	64
Trichloroethene	56
Vinyl Chloride	<2.0

MW-29	5/19/2015
cis-1,2-Dichloroethene	2,000
Trichloroethene	430
Vinyl Chloride	7.3

MW-25	5/21/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-10	5/20/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-34	2/18/2015	5/21/2015
cis-1,2-Dichloroethene	<5.0	<5.0
Trichloroethene	160	120
Vinyl Chloride	<2.0	<2.0

RW-03	5/20/2015
cis-1,2-Dichloroethene	15
Trichloroethene	<5.0
Vinyl Chloride	4.0

DPE-109	2/18/2015
cis-1,2-Dichloroethene	640
Trichloroethene	56
Vinyl Chloride	5.2

MW-12	5/18/2015
cis-1,2-Dichloroethene	39 [34]
Trichloroethene	22 [29]
Vinyl Chloride	<2.0 [<2.0]

MW-24	5/15/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-11	5/18/2015
cis-1,2-Dichloroethene	6.6
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-23	5/15/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-22	5/18/2015
cis-1,2-Dichloroethene	6.5
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-32	2/18/2015	5/15/2015
cis-1,2-Dichloroethene	<2,500	<25,000
Trichloroethene	29,000	84,000
Vinyl Chloride	<1,000	<10,000

RW-04	5/20/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-35	2/18/2015	5/21/2015
cis-1,2-Dichloroethene	45	230
Trichloroethene	8,400	12,000
Vinyl Chloride	<2.0	<2.0

MW-13	5/18/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-33	5/21/2015
cis-1,2-Dichloroethene	4,500
Trichloroethene	<5.0
Vinyl Chloride	15

MW-14	5/18/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-06	5/15/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-19	5/18/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

DPE-118	2/18/2015
cis-1,2-Dichloroethene	630
Trichloroethene	33
Vinyl Chloride	<2.0

MW-02	5/20/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	110

MW-31	5/19/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	18

DPE-408	2/18/2015
cis-1,2-Dichloroethene	660
Trichloroethene	19
Vinyl Chloride	5.4

DPE-307	2/18/2015
cis-1,2-Dichloroethene	<25,000
Trichloroethene	<25,000
Vinyl Chloride	<10,000

DPE-313	2/18/2015
cis-1,2-Dichloroethene	23
Trichloroethene	<5.0
Vinyl Chloride	<2.0

DPE-305	2/18/2015
cis-1,2-Dichloroethene	<2,500
Trichloroethene	25,00
Vinyl Chloride	<10,000

MW-05R	5/20/2015
cis-1,2-Dichloroethene	190
Trichloroethene	17
Vinyl Chloride	6.5

MW-36	2/18/2015	5/15/2015
cis-1,2-Dichloroethene	9,200	18,000
Trichloroethene	4,800	330
Vinyl Chloride	10	13

MW-17	5/20/2015
cis-1,2-Dichloroethene	11
Trichloroethene	<5.0
Vinyl Chloride	<2.0

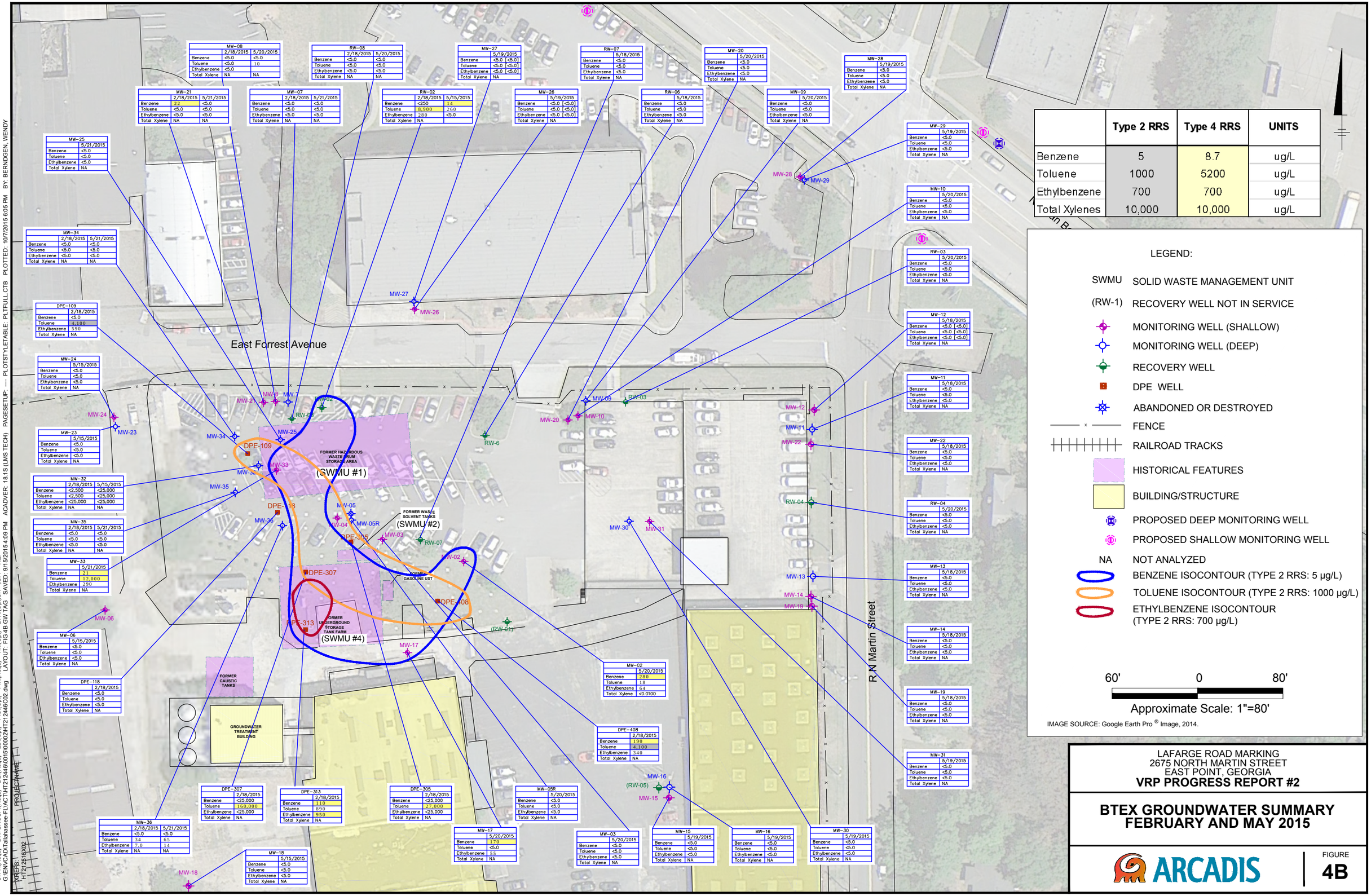
MW-03	5/20/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-15	5/19/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-16	5/19/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-30	5/19/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-18	5/15/2015
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0



	Type 2 RRS	Type 4 RRS	UNITS
Benzene	5	8.7	ug/L
Toluene	1000	5200	ug/L
Ethylbenzene	700	700	ug/L
Total Xylenes	10,000	10,000	ug/L

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
- FENCE
- RAILROAD TRACKS
- HISTORICAL FEATURES
- BUILDING/STRUCTURE
- PROPOSED DEEP MONITORING WELL
- PROPOSED SHALLOW MONITORING WELL
- NA — NOT ANALYZED
- BENZENE ISOCONTOUR (TYPE 2 RRS: 5 µg/L)
- TOLUENE ISOCONTOUR (TYPE 2 RRS: 1000 µg/L)
- ETHYLBENZENE ISOCONTOUR (TYPE 2 RRS: 700 µg/L)

60' 0 80'

Approximate Scale: 1"=80'

IMAGE SOURCE: Google Earth Pro © Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA
VRP PROGRESS REPORT #2

BTEX GROUNDWATER SUMMARY FEBRUARY AND MAY 2015

ARCADIS

FIGURE **4B**

CITY:(Req'd) DIV/GROUP:(Req'd) DB:(Req'd) LD:(Opt) PIC:(Opt) PM:(Req'd) TM:(Opt) LYR:(On/Off/Frz)=*REF*
G:\ENV\CAD\Tallahassee-FL\ACT\HT212446\015\00002\HT212446C02.dwg LAYOUT: FIG 4B GW TAG SAVED: 9/15/2015 4:09 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/7/2015 6:05 PM BY: BERNDGEN, WENDY
XREFS: 1
H121216x02
PROJECTNAME: 1

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-156 CONFIRM			
0 – 1 ft	1 – 3 ft	3 – 5 ft	5 – 7 ft
193	378	1,130	23.5

SB-138
0 – 0.5 ft
425

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-23A
0 – 2 ft
270

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-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-135
0 – 2 ft
158

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-8		
1 – 2 ft	13 – 15 ft	20 – 22 ft
139	< 6.05	10.1

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-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

East Forrest Avenue

Norman Berry Drive

N M reet

(SWMU #1)

(SWMU #2)

(SWMU #4)

FORMER HAZARDOUS WASTE DRUM STORAGE AREA

FORMER WASTE SOLVENT TANKS

FORMER UNDERGROUND STORAGE TANK FARM

FORMER GASOLINE UST

FORMER CAUSTIC TANKS

GROUNDWATER TREATMENT BUILDING

HIGH VOLTAGE UTILITY LINE

	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) DIV/GROUP:(Read) DB:(Read) LD:(Opt) PIC:(Opt) PM:(Read) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENV\Lafarge - Atlanta\Projects\Lafarge Road\Graphics\Figure 5 Lead Summary.dwg LAYOUT:11x17 SAVED:10/9/2015 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:---
H1T2125180X0aerial257.jpg
edit.jpg

East Forrest Avenue

FORMER HAZARDOUS WASTE DRUM STORAGE AREA

FORMER WASTE SOLVENT TANKS

FORMER GASOLINE UST

FORMER UNDERGROUND STORAGE TANK FARM

FORMER CAUSTIC TANKS

GROUNDWATER TREATMENT BUILDING

ZONE 2

SVE-101 SVE-102 SVE-103 SVE-201 SVE-202 SVE-104 SVE-105 SVE-106 SVE-107 SVE-203 SVE-204 SVE-205 SVE-108 SVE-110 SVE-111 SVE-206 SVE-207 SVE-208 SVE-209 SVE-112 SVE-113 SVE-114 SVE-115 SVE-116 SVE-210 SVE-211 SVE-212 SVE-117 SVE-119 SVE-213 SVE-214 SVE-215 SVE-216 SVE-301 SVE-302 SVE-303 SVE-304 SVE-217 SVE-218 SVE-219 SVE-220 SVE-306 SVE-308 SVE-401 SVE-402 SVE-403 SVE-404 SVE-405 SVE-309 SVE-310 SVE-312 SVE-311 SVE-406 SVE-407 SVE-409 SVE-410 SVE-412 SVE-413 SVE-414 SVE-415 SVE-416 SVE-314 SVE-315 SVE-316 SVE-317 SVE-417 SVE-418 SVE-419 SVE-420 SVE-318 SVE-319 SVE-320 SVE-321

AS-101 AS-102 AS-103 AS-201 AS-202 AS-104 AS-105 AS-106 AS-203 AS-204 AS-205 AS-107 AS-108 AS-109 AS-206 AS-207 AS-208 AS-110 AS-111 AS-112 AS-209 AS-210 AS-211 AS-113 AS-114 AS-115 AS-212 AS-213 AS-214 AS-215 AS-301 AS-302 AS-303 AS-304 AS-401 AS-402 AS-403 AS-404 AS-305 AS-306 AS-307 AS-308 AS-405 AS-406 AS-407 AS-408 AS-309 AS-310 AS-409 AS-410 AS-411 AS-412 AS-413 AS-311 AS-312 AS-313 AS-414 AS-415 AS-416 AS-417 AS-314

DPE-109 DPE-118 DPE-305 DPE-307 DPE-313 DPE-408

RW-02 RW-03 RW-06 RW-07 RW-08 (RW-01)

LEGEND:

- RECENTLY INSTALLED AIR SPARGE WELL
- RECENTLY INSTALLED SOIL VAPOR EXTRACTION WELL
- FENCE
- RAILROAD TRACKS
- HISTORICAL FEATURES
- BUILDING/STRUCTURE

30' 0 30'

Approximate Scale: 1"=30'

IMAGE SOURCE: Google Earth Pro © Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA

REMEDIATION WELL LAYOUT

ARCADIS

FIGURE 6

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\Tallahassee-FL\ACT\HT212446\001\500002\HT212516802.dwg LAYOUT: FIG 3 (2) SAVED: 4/17/2015 2:13 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ----
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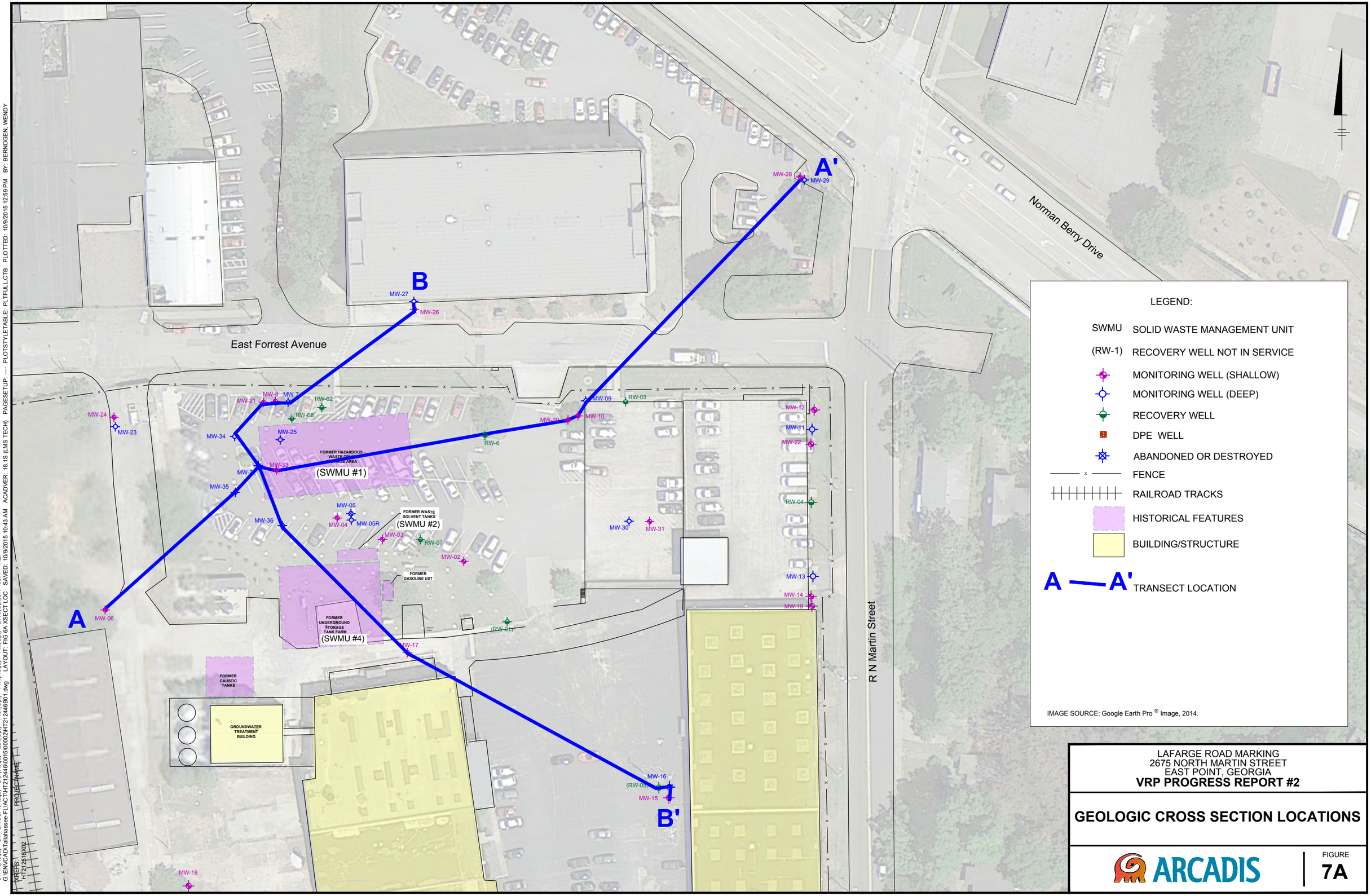


LEGEND:

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
	FENCE
	RAILROAD TRACKS
	HISTORICAL FEATURES
	BUILDING/STRUCTURE
A — A'	TRANSECT LOCATION

IMAGE SOURCE: Google Earth Pro © Image, 2014.

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA
VRP PROGRESS REPORT #2

GEOLOGIC CROSS SECTION LOCATIONS

ARCADIS

FIGURE
7A

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(On)HON=*;OFF=*REF*
G:\ENVCAD\Tallahassee-FL\ACTIVITY\212446\0915\000\2HT212446B01.dwg LAYOUT: FIG 6A XSECT LOC SAVED: 10/9/2015 10:43 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2015 12:59 PM BY: BERNDGEN, WENDY
XREFS:
HT212516X02
PROJECTNAME

CITY:(KNOXVILLE) DIV/GROUP:(ENV/GIS) DB:(B.ALTOM) LD:(C.SMITH) PIC:(M. FLEISCHNER) PM:(L.MINER) TM:(J.FRIZZELL)
G:\ENVCAD\Tallahassee-FL\ACTIVITY\212446\001500002\HT212516V01.dwg LAYOUT: 6B SAVED: 10/9/2015 1:07 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2015 1:08 PM BY: BERNDGEN, WENDY

MW-06	
	5/15/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-35		
	2/18/2015	5/21/2015
Benzene	<5.0	<5.0
Toluene	<5.0	<5.0
Ethylbenzene	<5.0	<5.0
Total Xylene	NA	NA
cis-1,2-Dichloroethene	45	230
Trichloroethene	8,400	12,000
Vinyl Chloride	<2.0	<2.0

MW-32		
	2/18/2015	5/15/2015
Benzene	<2,500	<25,000
Toluene	<2,500	<25,000
Ethylbenzene	<25,000	<25,000
cis-1,2-Dichloroethene	<2,500	<25,000
Trichloroethene	59,000	84,000
Vinyl Chloride	<1,000	<10,000

MW-33	
	5/21/2015
Benzene	21
Toluene	12,000
Ethylbenzene	290
Total Xylene	NA
cis-1,2-Dichloroethene	4,500
Trichloroethene	<5.0
Vinyl Chloride	15

RW-06	
	5/18/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	210
Trichloroethene	8.1
Vinyl Chloride	21

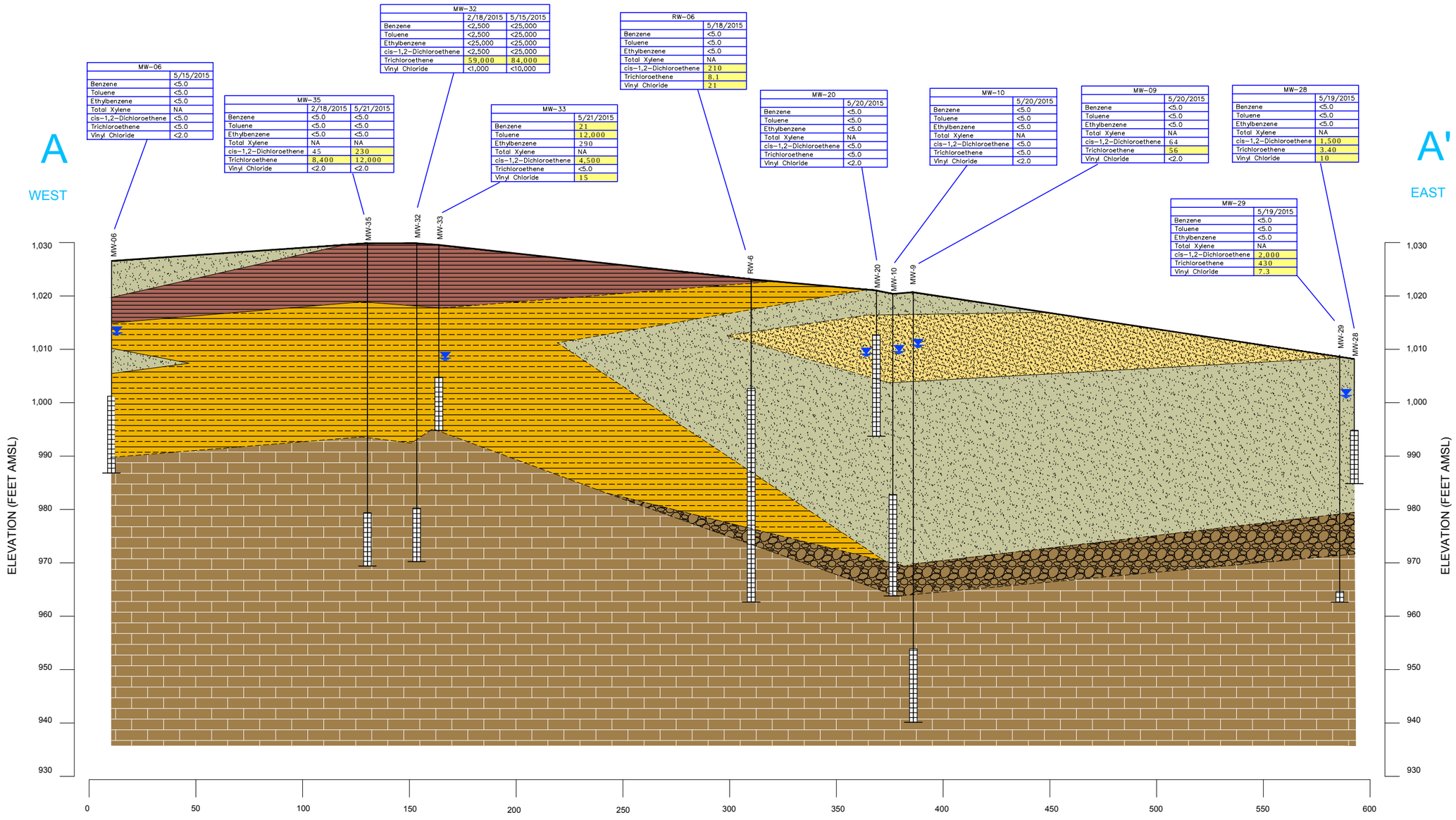
MW-20	
	5/20/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-10	
	5/20/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-09	
	5/20/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	64
Trichloroethene	56
Vinyl Chloride	<2.0

MW-28	
	5/19/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	1,500
Trichloroethene	3.40
Vinyl Chloride	10

MW-29	
	5/19/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	2,000
Trichloroethene	430
Vinyl Chloride	7.3



LEGEND:

MW-06 — WELL/BORING ID

APPROXIMATE GROUND SURFACE

LITHOLOGIC CONTACT (DASHED WHERE INFERRED)

WATER LEVEL

WELL SCREEN

WELL/BORING BOTTOM

- MEDIUM GRAIN SAND AND COARSE GRAIN SAND, SOME FINE GRAIN SAND, LITTLE SILT
- COARSE GRAIN SAND, SOME FINE GRAIN SAND AND PEBBLES, LITTLE SILT
- FINE GRAIN SAND, SOME SILT
- SILT, SOME FINE GRAIN SAND AND MEDIUM GRAIN SAND
- PARTIALLY WEATHERED ROCK
- BEDROCK
- CLAY, LITTLE FINE GRAIN SAND

	Type 2 RRS	Type 4 RRS	UNITS
Benzene	5	8.7	ug/L
Toluene	1000	5200	ug/L
Ethylbenzene	700	700	ug/L
Total Xylenes	10,000	10,000	ug/L
cis-1,2-Dichloroethene	70	200	ug/L
Trichloroethene	5	5.2	ug/L
Vinyl Chloride	2	2	ug/L

0 25' 50' 100'
APPROXIMATE HORIZONTAL SCALE IN FEET

0 10' 20' 40'
APPROXIMATE VERTICAL SCALE IN FEET

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA
VRP PROGRESS REPORT #2

Geologic Cross-Section A-A'

ARCADIS

FIGURE
7B

CITY:(KNOXVILLE) DIV/GROUP:(ENV/GIS) DB:(B.ALTOM) LD:(C.SMITH) PIC:(M. FLEISCHNER) PM:(L.MINER) TM:(J.FRIZZELL)
G:\ENVCAD\Tallahassee-FL\ACTIVIT\212446\0015\00002\HT212516V01.dwg LAYOUT: 6C SAVED: 10/9/2015 12:14 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2015 12:33 PM BY: BERNDGEN, WENDY

MW-27		
	5/19/2015	
Benzene	<5.0	[<5.0]
Toluene	<5.0	[<5.0]
Ethylbenzene	<5.0	[<5.0]
Total Xylene	NA	
cis-1,2-Dichloroethene	870	[720]
Trichloroethene	38	[35]
Vinyl Chloride	<2.0	[<2.0]

MW-07		
	2/18/2015	5/21/2015
Benzene	<5.0	<5.0
Toluene	<5.0	<5.0
Ethylbenzene	<5.0	<5.0
Total Xylene	NA	NA
cis-1,2-Dichloroethene	12,000	6,200
Trichloroethene	12,000	10,000
Vinyl Chloride	<2.0	<2.0

MW-08		
	2/18/2015	5/20/2015
Benzene	<5.0	<5.0
Toluene	<5.0	10
Ethylbenzene	<5.0	
Total Xylene	NA	NA
cis-1,2-Dichloroethene	7.7	8.7
Trichloroethene	<5.0	10
Vinyl Chloride	11	51

MW-34		
	2/18/2015	5/21/2015
Benzene	<5.0	<5.0
Toluene	<5.0	<5.0
Ethylbenzene	<5.0	<5.0
Total Xylene	NA	NA
cis-1,2-Dichloroethene	<5.0	<5.0
Trichloroethene	160	120
Vinyl Chloride	<2.0	<2.0

MW-16	
	5/19/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-15	
	5/19/2015
Benzene	<5.0
Toluene	<5.0
Ethylbenzene	<5.0
Total Xylene	NA
cis-1,2-Dichloroethene	<5.0
Trichloroethene	<5.0
Vinyl Chloride	<2.0

MW-26		
	5/19/2015	
Benzene	<5.0	[<5.0]
Toluene	<5.0	[<5.0]
Ethylbenzene	<5.0	[<5.0]
Total Xylene	NA	
cis-1,2-Dichloroethene	<5.0	
Trichloroethene	<5.0	
Vinyl Chloride	<2.0	

MW-21		
	2/18/2015	5/21/2015
Benzene	22	<5.0
Toluene	<5.0	<5.0
Ethylbenzene	<5.0	<5.0
Total Xylene	NA	NA
cis-1,2-Dichloroethene	5,100	1,300
Trichloroethene	<5.0	<5.0
Vinyl Chloride	290	34

MW-32		
	2/18/2015	5/15/2015
Benzene	<2,500	<25,000
Toluene	<2,500	<25,000
Ethylbenzene	<25,000	<25,000
cis-1,2-Dichloroethene	<2,500	<25,000
Trichloroethene	59,000	84,000
Vinyl Chloride	<1,000	<10,000

MW-36		
	2/18/2015	5/21/2015
Benzene	<5.0	<5.0
Toluene	34	65
Ethylbenzene	7.0	14
Total Xylene	NA	NA
cis-1,2-Dichloroethene	9,200	18,000
Trichloroethene	4,800	330
Vinyl Chloride	10	13

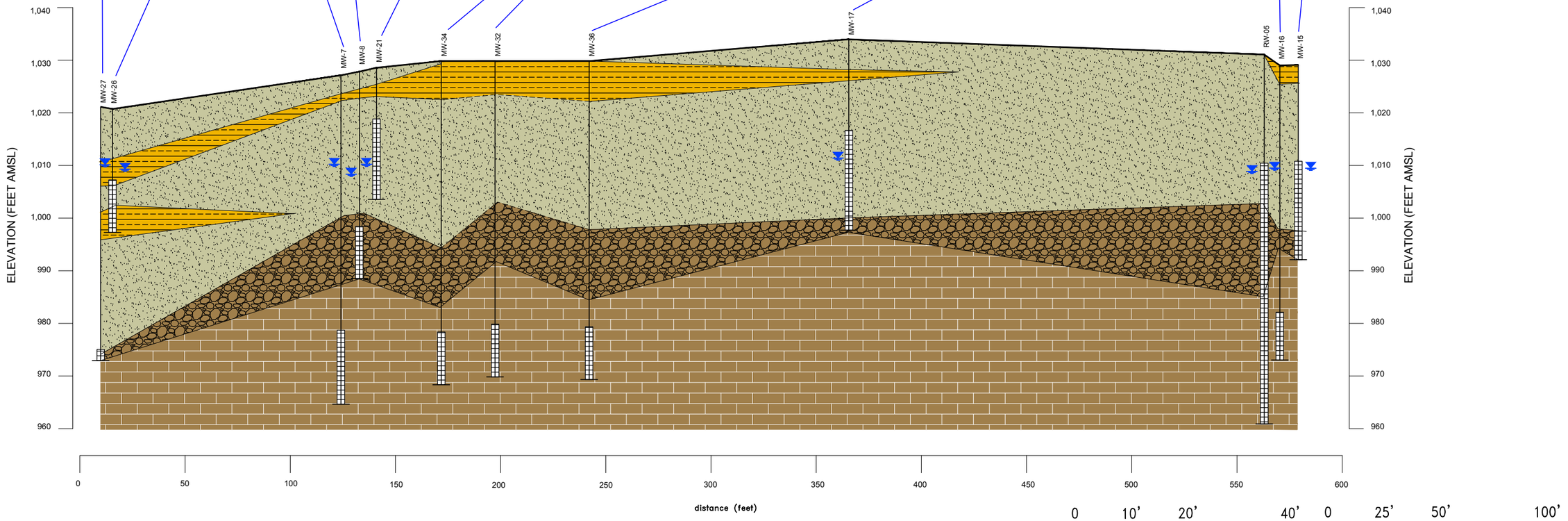
MW-17	
	5/20/2015
Benzene	170
Toluene	<5.0
Ethylbenzene	55
Total Xylene	NA
cis-1,2-Dichloroethene	11
Trichloroethene	<5.0
Vinyl Chloride	<2.0

B

NORTH

B'

SOUTH



LEGEND:

MW-27 — WELL/BORING ID

APPROXIMATE GROUND SURFACE

LITHOLOGIC CONTACT (DASHED WHERE INFERRED)

WATER LEVEL

WELL SCREEN

WELL/BORING BOTTOM

- MEDIUM GRAIN SAND AND COARSE GRAIN SAND, SOME FINE GRAIN SAND, LITTLE SILT
- COARSE GRAIN SAND, SOME FINE GRAIN SAND AND PEBBLES, LITTLE SILT
- FINE GRAIN SAND, SOME SILT
- SILT, SOME FINE GRAIN SAND AND MEDIUM GRAIN SAND
- PARTIALLY WEATHERED ROCK
- BEDROCK
- CLAY, LITTLE FINE GRAIN SAND

0 10' 20' 40'
APPROXIMATE VERTICAL SCALE IN FEET

0 25' 50' 100'
APPROXIMATE HORIZONTAL SCALE IN FEET

	Type 2 RRS	Type 4 RRS	UNITS
Benzene	5	8.7	ug/L
Toluene	1000	5200	ug/L
Ethylbenzene	700	700	ug/L
Total Xylenes	10,000	10,000	ug/L
cis-1,2-Dichloroethene	70	200	ug/L
Trichloroethene	5	5.2	ug/L
Vinyl Chloride	2	2	ug/L

LAFARGE ROAD MARKING
2675 NORTH MARTIN STREET
EAST POINT, GEORGIA
VRP PROGRESS REPORT #2

Geologic Cross-Section B-B'

ARCADIS

FIGURE
7C

Figure 8
VRP Progress Milestone Schedule
2675 Lafarge Road Marking, Inc.
North Martin Street
East Point, Georgia

Requirement	**Schedule/Due Date**	**Responsible/Comments**
Deemed enrolled into the VRP as of August 6, 2014.	NA	
Progress Report #1.	First report due 60 days after the first full six-month period. Due **April 30, 2015.**	Arcadis - Complete
Horizontal delineation. Horizontal delineation of property that where we have access as of August 6, 2014.	Within 12 months of the Effective Date. Due **August 6, 2015**.	Arcadis – Complete
May 2015 Semiannual Sampling	May 2015	Arcadis – Complete
Horizontal delineation. Horizontal delineation of property that where we do not have access as of August 6, 2014.	Within 24 months of the Effective Date. Due **August 6, 2016**.	Arcadis – Complete
Progress Report #2.	October 30, 2015	Arcadis
Off-site Properties. Add other off-site properties to the VRP.	Within 6 months of completing 3c. Due **February 6, 2016.**	Arcadis - Pending
November 2015 Semiannual Sampling	November 2015	Arcadis
Conceptual Site Model. Update conceptual site model to include vertical delineation, finalize VIRP, and provide final cost estimate.	30 months after the Effective Date of the Consent Order. Due **February 6, 2016.**	Arcadis -Pending
Progress Report #3.	April 30, 2016	Arcadis - Pending
Cost Estimate. Submit cost estimate prepared by the registered geologist.	60 days after the Effective Date of the Consent Order. Due **Monday, October 6, 2014.**	Arcadis - Complete
Compliance Status Report	60 months after the Effective Date of the Consent Order. Due **August 6, 2019**	Arcadis - Pending

ARCADIS

Appendix A

Purging and Sampling Logs

ARCADIS Groundwater Sampling Form

Page 1 of 1

Well ID MW-21 | Weather Partly Cloudy, Cool | Date: 5/21/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 24.5 | Screen Interval (ft-BTOC) 9.0-23.0 | Purge Time: Start: 1132 End: 1152 | Sampled by: M.Ry

Static Water Level (ft-BTOC) 19.61 | Pump Intake (ft-BTOC) 21 | Sample Time: 1155

Water Column (ft) 4.89 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or (gal)) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 0.78 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1132	0.03	0.30	21	19.85	23.42	457	5.11	1.73	98.7	9.96	N
1137	0.03	0.45	21	19.86	23.50	447	4.99	0.93	101.4	9.42	N
1142	0.03	0.60	21	19.86	23.57	449	4.95	0.82	102.2	9.20	N
1147	0.03	0.75	21	19.86	23.60	450	4.93	0.77	103.3	9.08	N
1152	0.03	0.90	21	19.86	23.53	452	4.96	0.77	100.7	8.98	N

MW 5/21/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID MW-20 | Weather Sunny, Warm | Date: 5/20/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 26.5 | Screen Interval (ft-BTOC) 7.5-26.5 | Purge Time: Start: 0825 End: 0855 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 11.21 | Pump Intake (ft-BTOC) 20 | Sample Time: 0857

Water Column (ft) 15.29 | Purge Method: (circle one) (low flow/low volume) ~~Volume purge~~ | Volume Purged (mL or gal) 0.90 | Duplicate ID: ~~AA DUP-01~~ NA

Casing Volume Multiplier 0.16

Well Volume 2.44 | Sample equipment (check one): ☐ Teflon Bladder ☑ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0835	0.03	0.30	20	12.42	19.62	277	5.39	1.17	222.6	1.32	N
0840	0.03	0.45	20	12.46	19.59	276	5.41	0.82	224.0	1.63	N
0845	0.03	0.60	20	12.46	19.55	276	5.42	0.85	221.0	1.08	N
0850	0.03	0.75	20	12.47	19.64	276	5.43	0.79	217.6	1.93	N
0855	0.03	0.90	20	12.47	19.64	276	5.50	0.73	222.8	1.72	N

MW 5/20/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-9 Weather Sunny, Warm Date: 5/20/15

Project Name/Location Lafarge - East Point, GA Project No. HT212446.0014

Total Well Depth (ft-BTOC) 81.1 Screen Interval (ft-BTOC) 66.2 - 80.1 Purge Time: Start: 0900 Sampled by: M. Myers

Static Water Level (ft-BTOC) 9.57 Pump Intake (ft-BTOC) 73 End: 0950 Sample Time: 0952

Water Column (ft) 71.53 Purge Method: (circle one) low flow/low volume volume purge Volume Purged (mL or gal) 0.90 Duplicate ID: DUP03

Casing Volume Multiplier 0.16

Well Volume 11.44 Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0910	0.~~03~~	0.30	73	9.72	20.56	198	6.17	7.17	139.6	2.26	N
0915	0.03	0.45	73	9.79	20.26	192	6.15	6.30	190.6	1.06	N
0920	0.03	0.60	73	9.80	20.50	193	6.20	6.44	180.0	1.00	N
0925	0.03	0.75	73	9.80	20.24	192	6.19	6.33	178.5	2.01	N
0930	0.03	0.90	73	9.80	20.39	192	6.17	6.38	191.3	1.68	N

MM 5/20/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID: MW-2 | Weather: Sunny, Warm | Date: 5/20/15

Project Name/Location: Lafarge - East Point, GA | Project No.: HT212446.0014

Total Well Depth (ft-BTOC): 25 | Screen Interval (ft-BTOC): 15.5-25 | Purge Time: Start: 0945 End: 1030 | Sampled by: M.My

Static Water Level (ft-BTOC): 16.19 | Pump Intake (ft-BTOC): 20 | Sample Time: 1035

Water Column (ft): | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal): 1.20 | Duplicate ID: NA

Casing Volume Multiplier: 0.16

Well Volume: | Sample equipment (check one): [ ] Teflon Bladder [X] Teflon-lined Tubing [ ] Teflon Bailer | Appearance (color/odor): Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0945	0.03	0.30	20	16.66	26.87	415	5.92	6.91	-1.7	110.2	N
1000	0.03	0.45	20	16.78	26.81	420	5.89	4.23	-15.2	100.2	N
1005	0.03	0.60	20	16.84	26.74	423	5.83	1.33	-32.3	53.4	N
1010	0.03	0.75	20	16.98	26.51	425	5.82	0.82	-30.7	48.4	N
1015	0.03	0.90	20	16.98	25.53	433	5.84	0.42	-41.2	21.5	N
1020	0.03	1.05	20	16.94	25.40	438	5.88	0.25	-48.2	16.3	N
1025	0.03	1.20	20	16.94	24.48	436	5.89	0.23	-50.5	10.2	N
1030	0.03	1.20	20	16.94	24.93	436	5.92	0.20	-55.6	9.38	N

Constituents Sampled

Check Boxes as appropriate:

- [x] VOCs (8260B)
- [x] Other (list): Metals

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-3 | Weather Sunny, Hot | Date: 5/20/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 52.8 | Screen Interval (ft-BTOC) 23-52.3 | Purge Time: Start: 1200 End: 1310 | Sampled by: M. Nye

Static Water Level (ft-BTOC) 10.85 | Pump Intake (ft-BTOC) 28 | Sample Time: 1320

Water Column (ft) 21.95 | Purge Method: (circle one) low flow/low volume ~~volume purge~~ | Volume Purged (mL or gal) 2.10 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 3.51 | Sample equipment (check one): ☐ Teflon Bladder ☑ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) cloudy / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1210	0.03	0.30	28	10.82	30.57	208	6.65	8.99	10.7	274	N
1215	0.03	0.45	28	10.79	30.65	207	6.64	8.69	60.2	260	N
1220	0.03	0.60	28	10.89	32.93	~~208~~ 207	6.62	8.55	74.4	247	N
1225	0.03	0.75	28	10.89	31.72	200	6.51	7.46	84.7	240	N
1235	0.03	1.05	28	10.93	30.82	192	6.40	6.62	102.7	280	N
1245	0.03	1.35	28	10.85	30.80	192	6.58	6.46	107.9	264	N
1250	0.03	1.50	28	10.82	30.57	192	6.42	6.53	112.7	263	N
1300	0.03	1.80	28	10.91	30.00	192	6.40	6.58	114.3	226	N
1310	~~*~~ 0.03	2.10	28	10.80	~~30~~ 29.84	195	6.36	6.25	104.6	174	N
	* ~~Tub~~ Sample Tube dup'd turbidity + DO b/c of Sponge well inlet										
		AS-214		~ 5' away		*					
						5/20/15					
				mm/yy							

Constituents Sampled

Check Boxes as appropriate:

- ✓ VOCs (8260B)
- ✓ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID MW-5R | Weather Partly Cloudy, Hot | Date: 5/20/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 60 | Screen Interval (ft-BTOC) 45-60 | Purge Time: Start: 1345 End: 1415 | Sampled by: MMyr

Static Water Level (ft-BTOC) 19.16 | Pump Intake (ft-BTOC) 52 | Sample Time: 1417

Water Column (ft) 40.84 | Purge Method: (circle one) low flow/low volume volume purge | Volume Purged (mL or (gal)) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 6.53 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear/None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1358	0.03	0.30	52	20.10	27.87	193	5.34	5.25	-13.9	54.7	N
1400	0.03	0.45	52	20.11	27.91	191	5.24	2.29	8.8	12.6	N
1405	0.03	0.60	52	20.12	28.15	185	5.17	1.51	22.2	9.21	N
1410	0.03	0.75	52	20.12	28.34	186	5.18	1.49	25.2	9.60	N
1415	0.03	0.90	52	20.13	29.24	184	5.14	1.60	29.0	9.22	N
				MM	5/20/15						

Constituents Sampled

Check Boxes as appropriate:

- ☑ VOCs (8260B)
- ☑ Other (list): Metals

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all): _____

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-4 | Weather Partly Cloudy, Hot | Date: 5/20/16

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 39.00 | Screen Interval (ft-BTOC) 19.5-34 | Purge Time: Start: 1450 End: 1610 | Sampled by: M Myers

Static Water Level (ft-BTOC) 19.36 | Pump Intake (ft-BTOC) 29 | Sample Time: 1615

Water Column (ft) 19.64 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 3.40 | Duplicate ID: N/A

Casing Volume Multiplier 0.16

Well Volume 3.13 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Cloudy, Silty / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1500	0.03	0.30	29	19.81	27.63	243	5.87	5.16	82.6	over range	N
1505	0.03	2.45	29	19.82	29.28	243	5.89	3.89	89.8	11	N
1510	0.03	0.60	29	19.80	31.36	243	5.86	3.16	96.1	"	N
1515	0.03	0.75	29	19.79	31.43	245	5.86	3.02	99.3	"	N
1520	0.03	0.90	29	19.73	31.24	245	5.88 5.83	3.03	99.8	"	N
1530	0.05 ~~0.03~~	1.40 ~~1.10~~	29	20.25	28.89	241	5.85	3.07	77.6	"	N
1540	0.05	1.90	29	20.33	27.66	240	5.82	2.79	76.0	"	N
1545	0.05	2.15	29	20.34	27.41	241	5.82	2.79	77.1	"	N
1550	0.05	2.40	29	20.34	27.27	240	5.81	2.64	75.8	"	N
1600	0.05	2.90	29	20.46	27.37	237	5.80	2.40	66.4	"	N
1610	0.05	3.40	29	20.37	26.42	236	5.80	2.38	66.4	"	N
					5/20/16						
				MW							

Constituents Sampled

Check Boxes as appropriate:

- ✓ VOCs (8260B)
- ✓ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID MW-33 | Weather Cloudy, Cool | Date: 5/21/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 35 | Screen Interval (ft-BTOC) 25-35 | Purge Time: Start: 0730 End: 0805 | Sampled by: MMyn

Static Water Level (ft-BTOC) 21.03 | Pump Intake (ft-BTOC) 30 | Sample Time: 0802

Water Column (ft) 13.97 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or (gal)) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 2.24 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0740	0.03	0.30	30	21.09	23.52	256	5.77	3.27	-73.5	7.53	N
0745	0.03	0.45	30	21.07	23.46	256	5.74	2.15	-76.1	11.1	N
0750	0.03	0.60	30	21.05	23.38	255	5.72	1.47	-72.7	10.2	N
0755	0.03	0.75	30	21.04	23.38	254	5.71	1.19	-70.2	9.43	N
0800	0.03	0.90	30	21.04	23.37	253	5.70	1.08	-71.7	9.11	N
											NA

MM 5/21/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

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Well ID MW-35 Weather Sunny/Hazy Cloudy, Cool Date: 5/21/15

Project Name/Location Lafarge - East Point, GA Project No. HT212446.0014

Total Well Depth (ft-BTOC) 60.5 Screen Interval (ft-BTOC) 50-60 Purge Time: Start: 0810 Sampled by: M. Mym

Static Water Level (ft-BTOC) 20.60 Pump Intake (ft-BTOC) ~~55~~ End: 0840 Sample Time: 0842

Water Column (ft) 39.9 Purge Method: (circle one) low flow/low volume / volume purge Volume Purged (mL or gal) 0.90 Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 6.38 Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal) or mL	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0820	0.03	0.30	55	21.33	22.69	248	8.04	1.17	-44.7	6.92	N
0825	0.03	0.45	55	21.34	22.65	248	7.98	1.07	-37.0	6.48	N
0830	0.03	0.60	55	21.35	22.97	244	7.49	0.95	-52.9	5.72	N
0835	0.03	0.75	55	21.35	23.01	244	7.46	0.86	-52.1	2.77	N
0840	0.03	0.90	55	21.35	23.03	244	7.45	0.83	-54.8	2.70	N

MM 5/21/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes: Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

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Well ID MW-34 | Weather Partly Cloudy, Warm | Date: 5/21/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 61.5 | Screen Interval (ft-BTOC) 50-60 | Purge Time: Start: 0850 End: 0920 | Sampled by: M. Meyer

Static Water Level (ft-BTOC) 20.05 | Pump Intake (ft-BTOC) 55 | Sample Time: 0925

Water Column (ft) 41.45 | Purge Method: (circle one) ~~low flow/low volume~~ volume purge | Volume Purged (mL or (gal)) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 6.63 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0900	0.03	0.30	55	20.33	23.08	126	5.69	4.93	116.0	2.42	N
0905	0.03	0.45	55	20.35	23.01	124	5.45	4.49	121.4	2.47	N
0910	0.03	0.60	55	20.35	23.08	123	5.26	4.13	122.8	2.39	N
0915	0.03	0.75	55	20.36	23.10	123	5.23	4.04	122.1	1.21	N
0920	0.03	0.90	55	20.36	23.35	124	5.19	4.12	121.7	1.35	N

MH 5/21/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

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Well ID MW-25 | Weather Partly Cloudy, Warm | Date: 5/21/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 200 | Screen Interval (ft-BTOC) 190-200 | Purge Time: Start: ~~0945~~ 0945 End: 1015 | Sampled by: M. Nyp

Static Water Level (ft-BTOC) 4.31 | Pump Intake (ft-BTOC) 195 | Sample Time: 1020

Water Column (ft) 195.69 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier ~~0.16~~ 0.65

Well Volume 127.20 | Sample equipment (check one): ☐ Teflon Bladder ☒ ~~Teflon-lined~~ Tubing ☐ Teflon Bailer | Appearance (color/odor) clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
~~0955~~ 1000	~~4.35~~ min 0.03	0.95	195	4.35	23.26	203	7.77	4.53	-61.4	4.14	N
1000	0.03	0.45	195	4.36	23.21	203	7.79	3.57	-61.4	3.20	N
1005	0.03	0.60	195	4.36	23.48	203	7.79	3.14	-59.4	3.12	N
1010	0.03	0.75	195	4.36	23.56	203	7.78	min ~~5.73~~ 3.07	-57.4	3.05	N
1015	0.03	0.90	195	4.36	23.63	204	7.78	3.06	-57.6	3.04	N

5/21/15

Constituents Sampled

Check Boxes as appropriate:

☒ VOCs (8260B)

☐ Other (list):

Other Notes: Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: (Flush Mount) / Stick Up

Well Locked at Arrival: (Yes) / No

Well Locked at Departure: (Yes) / No

ARCADIS Groundwater Sampling Form

Page 1 of 1

Well ID MW-8 Weather Partly Cloudy, Warm Date: 5/21/15

Project Name/Location Lafarge - East Point, GA Project No. HT212446.0014

Total Well Depth (ft-BTOC) 39 Screen Interval (ft-BTOC) 29-38.3 Purge Time: Start: 1030 Sampled by: M. Myers

Static Water Level (ft-BTOC) 19.34 Pump Intake (ft-BTOC) 34 End: ~~1040~~ 1120 Sample Time: 1122

Water Column (ft) 19.46 Purge Method: (circle one) low flow/low volume volume purge Volume Purged (mL or gal) 1.50 Duplicate ID: NA

Casing Volume Multiplier D-16

Well Volume 3.15 Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1040	0.03	0.30	34	19.60	21.74	169	5.26	3.30	51.8	265	N
1045	0.03	0.45	34	19.60	22.44	165	5.42	1.96	80.3	127	N
1050	0.02	0.60	34	19.60	22.79	164	5.35	1.23	94.6	120	N
1055	0.03	0.75	34	19.60	23.09	166	5.30	3.02	100.7	90.0	N
1100	0.03	0.90	34	19.60	23.23	172	5.24	0.89	107.0	71.6	N
1105	0.03	1.05	34	19.61	23.31	173	5.24	0.87	106.7	48.2	N
1110	0.03	1.20	34	19.43	23.11	178	5.24	0.82	104.1	23.2	N
1115	0.03	1.35	34	16.43	23.01	180	5.25	1.15	104.2	15.0	N
1120	0.03	1.50	34	16.64	22.82	187	5.26	0.80	103.0	9.58	N

MW-8 5/21/15

Constituents Sampled

Check Boxes as appropriate:

☐ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID: RW-8Z | Weather: Sunny, Hot | Date: 5/20/15

Project Name/Location: Lafarge - East Point, GA | Project No.: HT212446.0014

Total Well Depth (ft-BTOC): | Screen Interval (ft-BTOC): | Purge Time: Start: | End: | Sampled by: M. My

Static Water Level (ft-BTOC): | Pump Intake (ft-BTOC): | Sample Time: 1145

Water Column (ft): | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal): 0.25 | Duplicate ID: NA

Casing Volume Multiplier: | Well Volume: | Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor):

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1145	/	0.25	/	/	19.24	212	6.10	3.72	78.7	4.61	N

M M 5/20/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID RW-2 | Weather Sunny, Warm | Date: 5/18/17

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) | Screen Interval (ft-BTOC) | Purge Time: Start: | Sampled by: M. Myk

Static Water Level (ft-BTOC) | Pump Intake (ft-BTOC) | End: | Sample Time: 1355

Water Column (ft) | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 0.25 | Duplicate ID: NA

Casing Volume Multiplier | Well Volume | Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1355	✓	0.25	✓	✓	19.45	352	6.19	9.26	-100.2	6.71	N

5/18/17 MM

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID RW-3 | Weather Sunny, Warm | Date: 5/20/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) | Screen Interval (ft-BTOC) | Purge Time: Start: | Sampled by: N. Ng

Static Water Level (ft-BTOC) | Pump Intake (ft-BTOC) | End: | Sample Time: 0830

Water Column (ft) | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 0.25 | Duplicate ID: NA

Casing Volume Multiplier

Well Volume | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0820	✓	0.2<	✓	✓	20.11	220	5.83	1.97	108.2	5.26	N

MW 5/20/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID RW-4 | Weather Sunny, Warm | Date: 5/20/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) | Screen Interval (ft-BTOC) | Purge Time: Start: | Sampled by: M Myers

Static Water Level (ft-BTOC) | Pump Intake (ft-BTOC) | End: | Sample Time: 0905

Water Column (ft) | Purge Method: (circle one) low flow/low volume volume purge | Volume Purged (mL or gal) 0.25 | Duplicate ID: NA

Casing Volume Multiplier | Well Volume | Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor)

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0905	✓	0.25	✓	✓	18.55	182	4.21	3.42	210.2	6.17	N

MW 5/20/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot					
	1" = 0.04	1.5" = 0.09	2.5" = 0.26	3.5" = 0.50	6" = 1.47
	1.25" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID RW-6 | Weather Sunny, Warm | Date: 5/19/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) | Screen Interval (ft-BTOC) | Purge Time: Start: | Sampled by: MM

Static Water Level (ft-BTOC) | Pump Intake (ft-BTOC) | End: | Sample Time: 1400

Water Column (ft) | Purge Method: (circle one) low flow/low volume volume purge | Volume Purged (mL or gal) 0.25 | Duplicate ID: NA

Casing Volume Multiplier | Well Volume | Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1400	/	0.25	/	/	18.27	201	5.78	4.20	10.2	6.59	N

MM 5/19/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID: RW-7 | Weather: Cloudy, Rain | Date: 5/18/15

Project Name/Location: Lafarge - East Point, GA | Project No.: HT212446.0014

Total Well Depth (ft-BTOC): | Screen Interval (ft-BTOC): | Purge Time: Start: | Sampled by: MC

Static Water Level (ft-BTOC): | Pump Intake (ft-BTOC): | End: | Sample Time: 1405

Water Column (ft): | Purge Method: (circle one) low flow / low volume / volume purge | Volume Purged (mL or gal): 0.25 | Duplicate ID: NA

Casing Volume Multiplier: | Well Volume: | Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor): Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1405	✓	0.25	✓	✓	17.24	2.41	6.52	3.89 ~~5.47~~	56.4	5.12	N

5/18/15 MC

Constituents Sampled

Check Boxes as appropriate:

✓ ☐ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-10 | Weather Sunny, Warm | Date: 5/20/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 56 | Screen Interval (ft-BTOC) 36.9-56 | Purge Time: Start: 0750 End: 0826 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 11.32 | Pump Intake (ft-BTOC) 46 | Sample Time: 0822

Water Column (ft) 44.68 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 7.15 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0800	0.03	0.30	46	11.33	19.79	186	5.29	1.58	114.3	2.94	N
0805	0.03	0.45	46	11.37	19.91	186	5.31	1.40	112.9	2.37	N
0810	0.03	0.60	46	11.37	20.03	186	5.32	1.34	111.6	1.65	N
0815	0.03	0.75	46	11.37	20.05	185	5.39	1.12	106.4	1.87	N
0820	0.03	0.90	46	11.38	20.08	186	5.40	1.02	106.5	1.71	N

MW-10 5/20/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes: Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all): _____

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-15 | Weather Sunny, Warm | Date: 5/19/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) ~~36.5~~ 57 | Screen Interval (ft-BTOC) 18 - 36.5 | Purge Time: Start: 1010 End: 1040 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 19.98 | Pump Intake (ft-BTOC) 27 | Sample Time: 1045

Water Column (ft) | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 12.90 | Duplicate ID: MW

Casing Volume Multiplier 0.16 | Well Volume | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1020	0.03	0.30	27	19.57	23.26	143	4.75	3.83	265.2	0.83	N
1025	0.03	0.45	27	19.57	23.27	142	4.65	2.96	276.0	0.92	N
1030	0.03	0.60	27	19.57	23.57	142	4.71	1.61	252.9	1.31	N
1035	0.03	0.75	27	19.57	23.62	142	4.72	1.58	251.1	1.19	N
1040	0.03	0.90	27	19.57	23.91	141	4.74	1.27	225.4	1.20	N

MW-15 5/19/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-16 Weather Sunny, Warm Date: 5/19/15

Project Name/Location Lafarge - East Point, GA Project No. HT212446.0014

Total Well Depth (ft-BTOC) 55 Screen Interval (ft-BTOC) 45-55 Purge Time: Start: 1047 End: 1117 Sampled by: M. Myers

Static Water Level (ft-BTOC) 19.35 Pump Intake (ft-BTOC) 50 Sample Time: 1120

Water Column (ft) 35.65 Purge Method: (circle one) ~~low flow/low volume~~ volume purge Volume Purged (mL or gal) 0.90 Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 5.70 Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1057	0.03	0.30	50	19.41	22.74	163	4.92	3.99	254.8	1.48	N
1102	0.03	0.45	50	19.60	22.75	164	4.92	2.68	252.3	1.70	N
1107	0.03	0.60	50	19.60	22.67	165	4.92	1.35	240.6	2.23	N
1112	0.05	0.75	50	19.60	22.74	165	4.95	1.17	231.7	1.72	N
1117	0.03	0.90	50	19.60	22.82	166	4.91	1.34	213.7	2.58	N

5/19/15

mm

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-30 | Weather Sunny, Warm | Date: 5/19/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 60 | Screen Interval (ft-BTOC) 50-60 | Purge Time: Start: 1130 End: 1200 | Sampled by: M.My

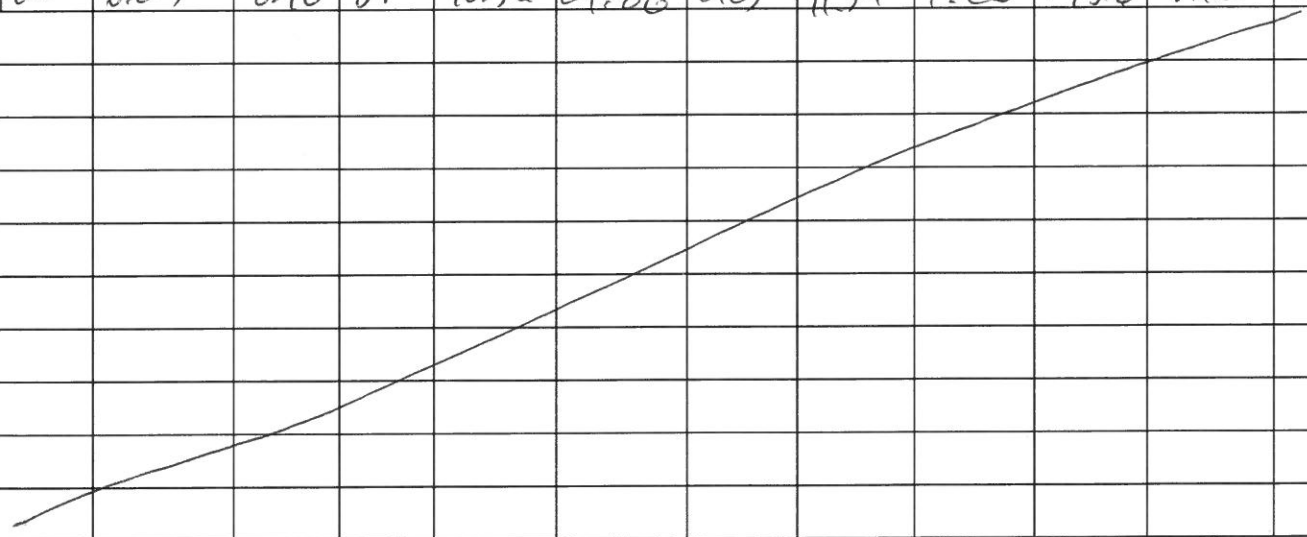
Static Water Level (ft-BTOC) 8.96 | Pump Intake (ft-BTOC) 55 | Sample Time: 1203

Water Column (ft) 51.04 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume | Sample equipment (check one): ☐ Teflon Bladder ☑ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1140	0.03	0.30	55	10.34	24.31	2105	11.28	-384	-38.7	4.02	N
1145	0.03	0.45	55	10.35	24.37	2103	11.31	1.67	-37.5	2.16	N
1150	0.03	0.60	55	10.35	24.37	2104	11.33	1.47	-39.8	5.53	N
1155	0.03	0.75	55	10.36	24.91	2102	11.33	1.22	-42.2	4.59	N
1200	0.03	0.90	55	10.36	24.88	2103	11.34	1.20	-43.6	5.10	N



Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☑ Other (list): Metals

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-31 | Weather Cloudy, Warm | Date: 5/19/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 35 | Screen Interval (ft-BTOC) 25-35 | Purge Time: Start: 1205 End: 1235 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 9.09 | Pump Intake (ft-BTOC) 30 | Sample Time: 1240

Water Column (ft) | Purge Method: (circle one) low flow/low volume ~~volume purge~~ | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1215	0.03	0.30	30	9.13	26.03	284	7.79	~~56.3~~ 6.42	54.3	3.84	N
1220	0.03	0.45	30	9.13	25.56	264	6.47	4.74	61.8	3.66	N
1225	0.03	0.60	30	9.13	25.12	243	5.78	2.35	61.7	3.26	N
1230	0.03	0.75	30	9.13	24.66	261	5.74	0.64	61.1	3.03	N
1235	0.03	0.90	30	9.13	24.67	260	5.71	0.58	60.0	3.01	N

5/19/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☑ Other (list): Metals

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID: MW-26 | Weather: Sunny, Hot | Date: 5/19/15

Project Name/Location: Lafarge - East Point, GA | Project No.: HT212446.0014

Total Well Depth (ft-BTOC): 23.5 | Screen Interval (ft-BTOC): 13.5 - 23.5 | Purge Time: Start: 1250 End: 1320 | Sampled by: M. Myers

Static Water Level (ft-BTOC): 11.50 | Pump Intake (ft-BTOC): 18.5 | Sample Time: 1322

Water Column (ft): 12 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal): 0.90 | Duplicate ID: ~~DUP-01~~

Casing Volume Multiplier: 0.16

Well Volume: 1.92 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor): Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1300	0.03	0.30	18.5	11.55	24.49	154	5.73	7.19	213.5	3.03	N
1305	0.03	0.45	18.5	11.55	23.82	149	4.90	5.01	253.5	2.89	N
1310	0.03	0.60	18.5	11.55	23.84	147	4.84	3.62	255.6	2.71	N
1315	0.03	0.75	18.5	11.55	23.66	148	4.83	3.66	253.6	3.86	N
1320	0.03	0.90	18.5	11.55	23.74	146	4.82	3.49	252.0	3.98	N

MM 5/19/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-27

Weather Partly Cloudy, Hot

Date: 5/19/15

Project Name/Location Lafarge - East Point, GA

Project No. HT212446.0014

Total Well Depth (ft-BTOC) 48.2

Screen Interval (ft-BTOC) 46.2-48.2

Purge Time: Start 1325

End: ~~1405~~ 1355

Sampled by: MMyers

Static Water Level (ft-BTOC) 11.60

Pump Intake (ft-BTOC) 47.2

Sample Time: ~~1325~~ 1400

Water Column (ft) 36.6

Purge Method: (circle one) ~~low flow/low volume~~ volume purge

Volume Purged (mL or gal) 0.90

Duplicate ID: DUP-02

Casing Volume Multiplier 0.16

Well Volume 5.86

Sample equipment (check one): ☐ Teflon Bladder ☑ Teflon-lined Tubing ☐ Teflon Bailer

Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1335	0.03	0.30	47.2	11.69	22.78	192	5.07	6.88	226.8	1.35	N
1340	0.03	0.45	47.2	11.69	22.95	188	4.93	2.40	235.2	2.89	N
1345	0.03	0.60	47.2	11.69	23.27	188	5.10	1.33	222.3	1.03	N
1350	0.03	0.75	47.2	11.69	23.29	187	5.08	1.31	223.1	1.97	N
~~1355~~ 1400	0.03	0.90	47.2	11.70	23.21	187	5.05	~~1.25~~	223.0	1.10	N

5/19/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID MW-17 | Weather Sunny, Hot | Date: 5/19/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 36 | Screen Interval (ft-BTOC) 16-35 | Purge Time: Start: ~~1500~~ 1457 End: 1527 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 23.50 | Pump Intake (ft-BTOC) ~~26~~ 28 | Sample Time: ~~1600~~ 1530

Water Column (ft) 12.5 | Purge Method: (circle one) ~~low flow/low volume~~ volume purge | Volume Purged (mL or (gal)) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 2 | Sample equipment (check one): ☐ Teflon Bladder ☑ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal) or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1507	0.03	0.30	28	23.91	28.33	369	6.53	7.26	-100.1	13.7	N
1512	0.03	0.45	28	23.92	28.02	356	5.80	1.52	-58.6	5.71	N
1517	0.03	0.60	28	23.93	28.07	353	5.81	0.92	-59.4	7.90	N
1522	0.03	0.75	28	23.93	28.11	348	5.79	0.71	-72.1	4.44	N
1527	0.03	0.90	28	23.93	27.85	344	5.78	0.64	-76.5	3.88	N

5/19/15 MM

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☑ Other (list): Metals

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-7 | Weather Partly Cloudy, 10s | Date: 5/19/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 62.5 | Screen Interval (ft-BTOC) 47.5-61.5 | Purge Time: Start: ~~1545~~ 1540 End: 1610 | Sampled by: M.My

Static Water Level (ft-BTOC) 16.43 | Pump Intake (ft-BTOC) ~~55~~ 55 | Sample Time: 1612

Water Column (ft) 46.07 | Purge Method: (circle one) low flow/low volume volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: N/A

Casing Volume Multiplier 0.16

Well Volume 7.37 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1550	0.03	0.30	55	17.24	29.71	180	5.28	4.93	136.6	9.45	N
1555	0.03	0.45	55	17.25	29.40	185	5.29	1.92	135.8	5.93	N
1600	0.03	0.60	55	17.25	29.36	186	5.29	1.78	134.8	5.75	N
1605	0.03	0.75	55	17.25	29.29	188	5.32	1.40	132.2	3.03	N
1610	0.03	0.90	55	17.25	29.45	188	5.34	1.18	130.5	2.57	N

MM 5/19/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list): ~~Methane~~ MM

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all): _____

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID: MW-13 | Weather: Sunny, Warm | Date: 5/12/15

Project Name/Location: Lafarge - East Point, GA | Project No.: HT212446.0014

Total Well Depth (ft-BTOC): 95 | Screen Interval (ft-BTOC): 81.5 - 95 | Purge Time: Start: 0900 End: 0930 | Sampled by: M. Mye

Static Water Level (ft-BTOC): 14.68 | Pump Intake (ft-BTOC): 87 | Sample Time: 0935

Water Column (ft): 80.32 | Purge Method: (circle one) low flow/low volume volume purge | Volume Purged (mL or gal): 0.90 | Duplicate ID: NA

Casing Volume Multiplier: 0.16

Well Volume: 12.85 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor): Clear / Warm

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0900	0.03	0.30	87	14.87	20.48	204	5.22	2.69	223.0	12.4	N
0915	0.03	0.45	87	14.88	20.57	199	5.13	1.85	213.8	5.60	N
0920	0.03	0.60	87	14.87	20.64	196	5.13	1.57	223.4	2.06	N
0925	0.03	0.75	87	14.87	21.12	190	5.12	1.47	216.8	2.01	N
0930	0.03	0.90	87	14.87	21.18	189	5.10	1.47	217.7	1.82	N

MW 5/12/15

Constituents Sampled

Check Boxes as appropriate:

- ✓ VOCs (8260B)
- ☐ Other (list):

Other Notes:

- Primary stabilization parameters:
- pH ± 0.1 SU; Specific Conductance
- Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
- Drawdown target: < 0.3 feet below static
- Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all): _____

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-18 | Weather Partly Cloudy, Warm | Date: 5-15-15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 38 | Screen Interval (ft-BTOC) ~~34-38~~ 23-37 | Purge Time: Start: 1225 End: 1255 | Sampled by: MM

Static Water Level (ft-BTOC) 29.55 | Pump Intake (ft-BTOC) 34 | Sample Time: 1300

Water Column (ft) 8.45 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or (gal)) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 1.35 | Sample equipment (check one): ☐ Teflon Bladder ☑ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1235 ~~29.57~~	0.03	0.30	34	29.57	21.66	150	5.30	4.55	199.4	8.02	N
1240	0.03	0.45	34	29.57	21.46	150	5.28	4.32	201.4	7.15	N
1245	0.03	0.60	34	29.57	20.16	144	5.19	4.29	224.2	0.77	N
1250	0.03	0.75	34	29.57	20.01	144	5.18	4.17	227.8	0.95	N
1255	0.03	0.90	34	29.57	19.82	144	5.15	4.03	226.2	1.01	N
					5/15/15						
			MM								

Constituents Sampled

Check Boxes as appropriate:

- ☑ VOCs (8260B)
- ☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-6 | Weather Partly Cloudy, Warm | Date: 5/15/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 40 | Screen Interval (ft-BTOC) 25-39.5 | Purge Time: Start: 1315 End: 1345 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 28.72 | Pump Intake (ft-BTOC) 33 | Sample Time: 1350

Water Column (ft) 11.28 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 1.41 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (ga) or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1325	0.03	0.30	33	28.74	22.20	165	4.61	3.43	244.3	0.68	N
1330	0.03	0.45	33	28.73	22.38	164	4.58	3.09	253.3	0.65	N
1335	0.03	0.60	33	28.73	22.44	164	4.58	5.01	254.4	0.64	N
1340	0.03	0.75	33	28.73	22.07	161	4.56	2.88	263.0	0.53	N
1345	0.03	0.90	33	28.73	22.08	161	4.56	2.78	264.3	0.90	N

MW 5/15/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID MW-23 Weather Cloudy, Warm Date: 5/15/15

Project Name/Location Lafarge - East Point, GA Project No. HT212446.0014

Total Well Depth (ft-BTOC) 69.5 Screen Interval (ft-BTOC) 60-68.5 Purge Time: Start: 1420 Sampled by: M. Myers

End: 1450

Static Water Level (ft-BTOC) 25.80 Pump Intake (ft-BTOC) 64.4 Sample Time: 1555/1455

Water Column (ft) 43.7 Purge Method: (circle one) low flow/low volume purge Volume Purged (mL or gal) 0.90 Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume ~~7.0~~ 7.0 Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1430	0.03	0.30	64	25.90	22.95	98	5.66	4.48	164.9	1.44	N
1435	0.03	0.45	64	25.90	22.89	98	5.64	4.22	166.1	7.91	N
1440	0.03	0.60	64	25.91	22.80	98	5.63	4.02	167.1	0.66	N
1445	0.03	0.75	64	25.91	22.57	98	5.63	3.99	167.5	0.80	N
1450	0.03	0.90	64	25.91	22.40	98	5.62	3.99	167.7	0.85	N
	~~0.03~~ 0.05										

5/15/15

Constituents Sampled

Check Boxes as appropriate:

- ☐ VOCs (8260B)
- ☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-24 | Weather Cloudy, Warm | Date: 5/15/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 60 | Screen Interval (ft-BTOC) 24-58.5 | Purge Time: Start: 1500 End: 1530 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 25.89 | Pump Intake (ft-BTOC) 41 | Sample Time: 1535

Water Column (ft) 34.11 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or (gal)) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 5.46 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1510	0.03	0.30	41	25.91	23.06	226	4.59	5.05	230.9	6.68	N
1515	0.03	0.45	41	25.91	22.31	232	4.59 ~~5.59~~	5.52	231.7	7.56	N
1520	0.03	0.60	41	25.91	21.82	228	4.60	4.95	231.7	7.15	N
1525	0.03	0.75	41	25.91	21.75	226	4.60	4.87	231.5	7.14	N
1530	0.03	0.90	41	25.91	21.62	226	4.59	4.75	231.2	7.12	N

MW-24 5/15/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-36 | Weather Sunny, Warm | Date: 5/15/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 60.5 | Screen Interval (ft-BTOC) 50-60 | Purge Time: Start: 1027 End: 1035 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 21.68 | Pump Intake (ft-BTOC) 60.5 (Final) | Sample Time: 1610

Water Column (ft) 38.82 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal) 7 gal | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 6.21 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☒ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1028	0.93	2	30.0 / 27.45	27.45	20.56	423	7.00 / 5.94	5.82 / 4.00	22.7	16.3	N
1035	0.88	7	60.5	Pump	24.08	466	3.709	3.52	-66.0	10.6	Y
1606	✓	/	/	54.25	22.23	450	6.78	3.26	3.0	21.0	Y

5/15/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

* Well Purged Dry, Wait for Recharge to Sample *

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-32 Weather Cloudy, Warm Date: 5/15/15

Project Name/Location Lafarge - East Point, GA Project No. HT212446.0014

Total Well Depth (ft-BTOC) ~~60~~ 58.95 Screen Interval (ft-BTOC) 50-60 Purge Time: Start: 1635 End: 1642 Sampled by: M. Myers

Static Water Level (ft-BTOC) 56.05 Pump Intake (ft-BTOC) 60 (Final) Sample Time: 1710

Water Column (ft) ~~3.95~~ 2.90

Casing Volume Multiplier 0.16 Purge Method: (circle one) low flow/low volume / volume purge Volume Purged (mL or gal) 1.40gal Duplicate ID: NA

Well Volume ~~0.63~~ 0.46 gal 1.38 (x3) Sample equipment (check one): ☒ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1635		0	✓	56.05	23.12	241	6.72	2.44	37.9	112	N
1639		0.80	✓	57.74	21.74	290	~~6.59~~ 6.73	2.30	19.4	208	N
1642		1.1	✓	58.95	20.49	306	6.87	7.64	5.2	258	Y
*	Well Purged Dry, Wait for Recharge to Sample							*			
1710	✓	✓	✓	57.75	21.42	275	7.05	5.51	58.1	~~50~~ 50.4	~~50~~ Y

5/15/15

Constituents Sampled

Check Boxes as appropriate:

- ☑ VOCs (8260B)
- ☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: ~~Yes~~ / No

Well Locked at Departure: ~~Yes~~ / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID: MW-14 | Weather: Sunny, Warm | Date: 4/18/15

Project Name/Location: Lafarge - East Point, GA | Project No.: HT212446.0014

Total Well Depth (ft-BTOC): 73 | Screen Interval (ft-BTOC): 53-73 | Purge Time: Start: 0940 End: 1010 | Sampled by: M. My

Static Water Level (ft-BTOC): 14.56 | Pump Intake (ft-BTOC): 63 | Sample Time: 1015

Water Column (ft): 58.44 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal): 0.90 | Duplicate ID: MW2

Casing Volume Multiplier: 0.16 | Well Volume: 9.35 | Sample equipment (check one): ☐ Teflon Bladder ☑ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor): Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0950	0.03	0.30	63	14.83	21.68	129	5.21	4.01	199.7	1.32	N
0955	0.03	0.45	63	14.83	21.92	128	5.18	3.04	200.1	1.82	N
1000	0.03	0.60	63	14.93	22.05	128	5.17	1.99	200.8	2.10	N
1005	0.03	0.75	63	14.84	22.57	127	5.14	1.93	201.2	2.03	N
1010	0.03	0.90	63	14.84	22.28	127	5.13	1.93	201.2	1.64	N

MW 5/18/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-19 | Weather Sunny, Warm | Date: 5/18/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 29 | Screen Interval (ft-BTOC) 9.5-29 | Purge Time: Start: 1017 End: 1047 | Sampled by: M. Rya

Static Water Level (ft-BTOC) 17.65 | Pump Intake (ft-BTOC) ~~19~~ 23 | Sample Time: 1050

Water Column (ft) 11.35 | Purge Method: (circle one) ~~low flow/low volume~~ volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 1.82 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1027	0.03	0.30	23	17.44	20.68	115	4.72	4.70	226.6	2.80	N
1032	0.03	0.45	23	17.93	20.58	114	4.69	4.56	227.8	5.02	N
1037	0.03	0.60	23	17.93	21.06	113	4.71	4.41	225.7	5.54	N
1042	0.03	0.75	23	17.93	21.03	113	4.74	4.43	226.1	1.44	N
1047	0.03	0.90	23	17.92	21.14	113	4.73	4.39	226.2	1.82	N
					5/18/15						
				MW							

Constituents Sampled

Check Boxes as appropriate:

- ☐ VOCs (8260B)
- ☐ Other (list):

Other Notes: Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Page 1 of 1

Well ID MW-22 | Weather Sunny, Hot | Date: 5/18/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 28 | Screen Interval (ft-BTOC) 8-27 | Purge Time: Start: 1105 End: 1138 | Sampled by: M. Myn

Static Water Level (ft-BTOC) 18.21 | Pump Intake (ft-BTOC) ~~18~~ NA 23 | Sample Time: 1140

Water Column (ft) 19.79 | Purge Method: (circle one) low flow/low volume ~~volume purge~~ | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 1.57 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1115	0.03	0.30	~~18~~ NA 23	18.25	22.41	241	4.75	1.98	291.9	2.44	N
1120	0.03	0.45	~~18~~ NA 23	18.26	21.85	240	4.71	1.19	324.3	2.23	N
1125	0.03	0.60	23	18.26	21.92	239	4.69	0.99	341.4	1.24	N
1130	0.03	0.75	23	18.26	22.43	238	4.68	0.82	340.5	1.19	N
1135	0.03	0.90	23	18.26	22.45	237	4.68	0.74	371.8	1.81	N
					5/18/15						
				MM							

Constituents Sampled

Check Boxes as appropriate:

- ☐ VOCs (8260B)
- ☐ Other (list):

Other Notes: Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-12 | Weather Sunny, Hot | Date: 5/18/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 106 | Screen Interval (ft-BTOC) 91-105.7 | Purge Time: Start: 1145 End: 1215 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 17.41 | Pump Intake (ft-BTOC) 98 | Sample Time: 1220

Water Column (ft) 88.59 | Purge Method: (circle one) low flow/low volume volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 14.17 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1155	0.03	0.30	98	17.56	23.18	180	5.17	3.68	221.8 ~~5.16~~	2.14 ~~22.83~~	N
1200	0.03	0.45	98	17.56	23.00	~~189~~	5.05	3.55	271.6	2.03	N
1205	0.03	0.60	98	17.56	22.07	~~187~~	5.03	2.62	312.6	1.76	N
1210	0.03	0.75	98	17.56	21.90	176	5.03	1.58	352.2	1.10	N
1215	0.03	0.90	98	17.56	22.70	177	5.03	1.68	227.8	0.83	N

MW-12 5/18/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

Well ID MW-12 | Weather Sunny, Hot | Date: 5/18/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 79.2 | Screen Interval (ft-BTOC) 59-78 | Purge Time: Start: 1230 End: 1300 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 17.15 | Pump Intake (ft-BTOC) 69 | Sample Time: 1305

Water Column (ft) 62.05 | Purge Method: (circle one) low flow/low volume volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 9.99 | Sample equipment (check one): ☐ Teflon Bladder ☑ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor)

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1240	0.03	0.30	69	17.32	22.50	172	5.05	2.70	151.2	0.85	N
1245	0.03	0.45	69	17.32	22.48	171	5.05	2.63	151.1	1.05	N
1250	0.03	0.60	69	17.33	22.93	170	5.04	1.75	153.3	1.04	N
1255	0.03	0.75	69	17.33	23.09	171	5.04	1.50	154.4	1.00	N
1300	0.03	0.90	69	17.33	23.15	171	5.05	1.42	155.2	0.97	N

5/18/15

Constituents Sampled

Check Boxes as appropriate:

- ☐ VOCs (8260B)
- ☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-29 | Weather Cloudy, Warm | Date: 5/19/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 45.5 | Screen Interval (ft-BTOC) 43.5-45.5 | Purge Time: Start: 0835 End: 0905 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 5.74 | Pump Intake (ft-BTOC) 44.5 | Sample Time: 0910

Water Column (ft) 39.76 | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or (gal)) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 6.36 | Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0845	0.03	0.30	44.5	6.11	19.76	166	4.72	~~13.20~~ 6.20	265.4	0.84	N
0850	0.03	0.45	44.5	6.12	19.80	167	4.67	5.11	270.4	[illegible]	N
0855	0.03	0.60	44.5	6.12	19.90	166	4.62	4.02	272.7	0.30	N
0900	0.03	0.75	44.5	6.12	20.12	166	4.66	3.40	260.7	0.79	N
0905	0.03	0.90	44.5	6.12	20.13	166	4.67	3.38	258.1	0.75	N

5/19/15

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID MW-24 | Weather Cloudy, Warm | Date: 5/19/15

Project Name/Location Lafarge - East Point, GA | Project No. HT212446.0014

Total Well Depth (ft-BTOC) 23.5 | Screen Interval (ft-BTOC) 13.5 - 23.5 | Purge Time: Start: 0910 End: 0940 | Sampled by: M. Myers

Static Water Level (ft-BTOC) 6.51 | Pump Intake (ft-BTOC) 18.5 | Sample Time: 0942

Water Column (ft) 17.19 | Purge Method: (circle one) ~~low flow/low volume~~ volume purge | Volume Purged (mL or gal) 0.90 | Duplicate ID: NA

Casing Volume Multiplier 0.16

Well Volume 2.75 | Sample equipment (check one): ☐ Teflon Bladder ☒ ~~Teflon-lined~~ Tubing ☐ Teflon Bailer | Appearance (color/odor) Clear / None

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0920	0.03	0.30	18.5	6.61	20.39	156	4.37	1.22	272.9	0.80	N
0925	0.03	0.45	18.5	6.61	20.27	156	4.36	1.19	274.4	0.76	N
0930	0.03	0.60	18.5	6.61	20.21	156	4.35	1.10	276.3	0.72	N
0935	0.03	0.75	18.5	6.62	19.90	156	4.21	0.78	279.2	0.69	N
0940	0.09	0.90	18.5	6.62	19.97	156	4.30	0.77	279.5	0.82	N
							5/19/15				
					MW						

Constituents Sampled

Check Boxes as appropriate:

☑ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID: MW-21
Weather: CLOUDY/72°F
Date: 8/31/15
Project Name/Location: Lafarge - East Point, GA
Project No. HT212446.0015.00002
Total Well Depth (ft-BTOC): 25
Screen Interval (ft-BTOC): 9.8 - 23.8
Purge Time: Start: 1210
End: 1240
Sampled by: J. RADFORD
Static Water Level (ft-BTOC): 18.08
Pump Intake (ft-BTOC): ~22
Sample Time: 1245
Water Column (ft): 6.92
Casing Volume Multiplier: .16
Purge Method: (circle one) low flow/low volume / volume purge
Volume Purged (mL or gal): 9000
* Duplicate ID: DUP-01(08312015 @ 1200
Well Volume: 1.11
Sample equipment (check one): [ ] Teflon Bladder [X] Teflon-lined Tubing [ ] Teflon Bailer
Appearance (color/odor): CLEAR/NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1220	300	3000	~~2~~22	18.65	21.84	504	5.91	0.88	7.8	10.7	NO
1225	300	4500	22	18.67	21.90	498	5.89	0.75	14.8	8.39	NO
1230	300	6000	22	18.65	21.93	492	5.89	0.68	15.3	6.11	NO
1235	300	7500	22	18.68	21.85	487	5.83	0.51	21.6	3.71	NO
1240	300	9000	22	18.65	21.82	482	5.83	0.55	20.6	2.97	NO

8/31/15

Constituents Sampled

Check Boxes as appropriate:

[X] VOCs (8260B)
[ ] Other (list):

Other Notes:

Primary stabilization parameters:
pH ± 0.1 SU; Specific Conductance 3%
Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
Drawdown target: < 0.3 feet below static
Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all): NONE / MISSING / SECURITY BOLT REPLACED
Well Completion: Flush Mount / Stick Up
Well Locked at Arrival: Yes / No
Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

Page 1 of 1

Well ID: MW-8
Weather: CLOUDY/69°F/LIGHT RAIN
Date: 8/31/15
Project Name/Location: Lafarge - East Point, GA
Project No. HT212446.0015.00002
Total Well Depth (ft-BTOC): 39.30
Screen Interval (ft-BTOC): 29-38.3
Purge Time: Start: 1258
End: 1328
Sampled by: J. RADFORD
Static Water Level (ft-BTOC): 17.78
Pump Intake (ft-BTOC): 34
Sample Time: 1330
Water Column (ft): 21.52
Purge Method: (circle one) low flow/low volume purge
Volume Purged (mL or gal): 6000
Duplicate ID: ——
Casing Volume Multiplier: .16
Well Volume: 3.44
Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer
Appearance (color/odor): CLEAR/NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1308	200	2000	34	18.12	21.49	163	5.83	0.70	41.9	18.7	NO
1313	200	3000	34	18.15	21.36	172	5.83	0.47	36.3	6.43	NO
1318	200	4000	34	18.15	21.18	178	5.85	0.47	32.2	6.08	NO
1323	200	5000	34	18.15	21.18	182	5.86	0.43	28.1	5.71	NO
1328	200	6000	34	18.15	21.23	187	5.89	0.39	22.7	3.83	NO

8/31/15

Constituents Sampled

Check Boxes as appropriate:

☒ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all): NONE / MISSING 1 SECURITY BOLT → REPLACED

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID DPE-305 Weather OVERCAST/LT RAIN/68°F Date: 8/31/15

Project Name/Location Lafarge - East Point, GA Project No. HT212446.0015.00002

Total Well Depth (ft-BTOC) _____ Screen Interval (ft-BTOC) _____ Purge Time: Start: _____ Sampled by: J. RADFORD

Static Water Level (ft-BTOC) _____ Pump Intake (ft-BTOC) GRAB FROM TREATMENT SYSTEM End: _____ Sample Time: 1450

Water Column (ft) _____ Purge Method: (circle one) low flow/low volume volume purge Volume Purged (mL or gal) _____ Duplicate ID: _____

Casing Volume Multiplier _____

Well Volume _____ Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) CLEAR/NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1445	—	—	—	—	24.62	273	6.43	3.09	-2.0	66.6	—

8/31/15

Constituents Sampled

Check Boxes as appropriate:

X VOCs (8260B)

☐ Other (list):

Other Notes: Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all): _____

8/31/15 Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID DPE-307

Weather OVERCAST/LT RAIN/67°F Date: 8/31/15

Project Name/Location Lafarge - East Point, GA

Project No. HT212446.0015.00002

Total Well Depth (ft-BTOC) _____ Screen Interval (ft-BTOC) _____ Purge Time: Start: _____ Sampled by: J. RADFORD

Static Water Level (ft-BTOC) _____ Pump Intake (ft-BTOC) GRAB FROM TREATMENT SYSTEM End: _____

Water Column (ft) _____ Sample Time: 1500

Casing Volume Multiplier _____ Purge Method: (circle one) low flow/low volume / volume purge Volume Purged (mL or gal) _____ Duplicate ID: —

Well Volume _____ Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) CLEAR / SLI. ODOR

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1455	—	—	—	—	24.08	240	6.53	4.54	4.3	44.1	—

8/31/15

Constituents Sampled

Check Boxes as appropriate:

☒ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all): _____

Well Completion: Flush Mount / Stick Up

8/31/15

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

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Well ID DPE-118 Weather OVERCAST/SLI RAIN/67°F Date: 8/31/15

Project Name/Location Lafarge - East Point, GA Project No. HT212446.0015.00002

Total Well Depth (ft-BTOC) Screen Interval (ft-BTOC) Purge Time: Start: Sampled by: J. RADFORD

Static Water Level (ft-BTOC) Pump Intake (ft-BTOC) End: Sample Time: 1515

Water Column (ft) Purge Method: (circle one) low flow/low volume / volume purge Volume Purged (mL or gal) Duplicate ID:

Casing Volume Multiplier Well Volume Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer Appearance (color/odor) CLEAR/NONE

GRAB FROM TREATMENT SYSTEM

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1512	—	—	—	—	24.55	245	6.17	4.86	31.9	65.8	NO

8/31/15

Constituents Sampled

Check Boxes as appropriate:

X VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

8/31/15

ARCADIS Groundwater Sampling Form

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Well ID DPE-109

Weather OVERCAST / LIGHT RAIN / 70°F

Date: 8/31/15

Project Name/Location Lafarge - East Point, GA

Project No. HT212446.0015.00002

Total Well Depth (ft-BTOC) _____

Screen Interval (ft-BTOC) _____

Purge Time: Start: _____

Sampled by: J. RAYFORD

Static Water Level (ft-BTOC) _____

GRAB FROM TREATMENT SYSTEM

Pump Intake (ft-BTOC) _____

End: _____

Sample Time: 1535

Water Column (ft) _____

Purge Method: (circle one) low flow/low volume purge

Volume Purged (mL or gal) _____

Duplicate ID: _____

Casing Volume Multiplier _____

Well Volume _____

Sample equipment (check one):
- ☐ Teflon Bladder
- ☐ Teflon-lined Tubing
- ☐ Teflon Bailer

Appearance (color/odor) CLEAR/NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1530	—	—	—	—	25.25	170	5.85	2.57	46.7	20.0	—

8/31/15

Constituents Sampled

Check Boxes as appropriate:

- ☒ VOCs (8260B)
- ☐ Other (list): _____

Other Notes:
- Primary stabilization parameters:
- pH ± 0.1 SU; Specific Conductance
- Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
- Drawdown target: < 0.3 feet below static
- Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

8/31

Well Information

Repairs Needed (List all): _____

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

8/31/15

ARCADIS Groundwater Sampling Form

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Well ID MW-7

Weather CLEAR/HOT/77°F

Date: 9/1/15

Project Name/Location Lafarge - East Point, GA

Project No. HT212446.0015.00002

Total Well Depth (ft-BTOC)

Screen Interval (ft-BTOC)

Purge Time: Start:

End:

Sampled by: J. RADFORD

Static Water Level (ft-BTOC) GRAB FROM PUMPING LEVEL

Pump Intake (ft-BTOC)

Sample Time: 0835

Water Column (ft)

Purge Method: (circle one) low flow/low volume volume purge

Volume Purged (mL or gal)

Duplicate ID:

Casing Volume Multiplier

Well Volume

Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer

Appearance (color/odor) CLEAR NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0830	—	—	—	—	20.69	159	5.84	7.44	21.7	13.3	NO

9/1/15

Constituents Sampled

Check Boxes as appropriate:

X VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: Flush Mount / Stick Up

9/1/15

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

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Well ID MW-32

Weather SUNNY/CLEAR/80°F

Date: 9/1/15

Project Name/Location Lafarge - East Point, GA

Project No. HT212446.0015.00002

Total Well Depth (ft-BTOC)

Screen Interval (ft-BTOC)

Purge Time: Start:

End:

Sampled by: J. RADFORD

Static Water Level (ft-BTOC)

Pump Intake (ft-BTOC)

Sample Time: 1005

Water Column (ft)

Purge Method: (circle one)

low flow/low volume / volume purge

Volume Purged (mL or gal)

Duplicate ID: —

Casing Volume Multiplier

Well Volume

Sample equipment (check one):

- ☐ Teflon Bladder
- ☐ Teflon-lined Tubing
- ☐ Teflon Bailer

Appearance (color/odor) CLEAR/NONE

GRAB FROM PUMPING WELL

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1000	—	—	—	—	24.50	191	6.01	4.01	-17.1	0.98	NO

Constituents Sampled

Check Boxes as appropriate:

- X VOCs (8260B)
- ☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot 1" = 0.04 1.25" = 0.06 1.5" = 0.09 2" = 0.16 2.5" = 0.26 3" = 0.37 3.5" = 0.50 4" = 0.65 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

9/1/15

ARCADIS Groundwater Sampling Form

Well ID: MW-34
Weather: PRTLY CLOUDY / 78°F
Date: 9/1/15
Project Name/Location: Lafarge - East Point, GA
Project No. HT212446.0015.00002
Total Well Depth (ft-BTOC): 60
Screen Interval (ft-BTOC): 50-60
Purge Time: Start: 1050
Sampled by: J. RADFORD
Static Water Level (ft-BTOC): 28.64
Pump Intake (ft-BTOC): 55
End: 1120
Sample Time: 1125
Water Column (ft): 31.36
Purge Method: (circle one) low flow/low volume / volume purge
Volume Purged (mL or gal): 6000
Duplicate ID:
Casing Volume Multiplier: .16
Well Volume: 5.02
Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer
Appearance (color/odor): CLEAR NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1100	200	2000	55	29.11	22.91	130	5.67	5.08	-27.1	0.66	No
1105	200	3000	55	29.35	23.53	128	5.67	4.51	-24.4	0.53	No
1110	200	4000	55	29.55	23.51	128	5.66	4.39	-21.0	0.48	No
1115	200	5000	55	29.65	23.65	127	5.64	4.24	-20.0	0.30	No
1120	200	6000	55	29.65	23.65	127	5.64	4.34	-20.6	0.21	No

9/1/15

Constituents Sampled

Check Boxes as appropriate:
- [x] VOCs (8260B)
- [ ] Other (list):

Other Notes:
- Primary stabilization parameters:
- pH ± 0.1 SU; Specific Conductance
- Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
- Drawdown target: < 0.3 feet below static
- Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all): NONE
Well Locked at Arrival: Yes / No
Well Locked at Departure: Yes / No
Well Completion: Flush Mount / Stick Up

ARCADIS Groundwater Sampling Form

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Well ID: MW-35
Weather: HOT/HUMID/CLOUDY/85°F
Date: 9/1/15
Project Name/Location: Lafarge - East Point, GA
Project No. HT212446.0015.00002
Total Well Depth (ft-BTOC): 59.93
Screen Interval (ft-BTOC): 50-60
Purge Time: Start: 1215
End: 1255
Sampled by: J. RADFORD
Static Water Level (ft-BTOC): 30.00
Pump Intake (ft-BTOC): 55
Sample Time: 1300
Water Column (ft): 29.93
Purge Method: (circle one) low flow/low volume / volume purge
Volume Purged (mL or gal): 8000
Duplicate ID: —
Casing Volume Multiplier: .16
Well Volume: 4.79
Sample equipment (check one): [ ] Teflon Bladder [X] Teflon-lined Tubing [ ] Teflon Bailer
Appearance (color/odor): CLEAR/NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1225	300	3000	55	31.60	22.86	248	8.86	1.08	-71.0	53.1	
1230	300	4500	55	31.63	23.39	237	9.05	0.72	-67.1	44.7	
1235	300	6000	55	31.71	24.29	229	9.17	0.81	-68.6	40.3	
1240	100	6500	55	31.75	25.08	226	8.96	0.75	-67.5	30.7	
1245	100	7000	55	31.75	24.76	224	8.89	0.73	-69.3	14.9	
1250	100	7500	55	31.75	24.68	222	8.83	0.71	-69.0	10.3	
1255	100	8000	55	31.75	24.74	222	8.82	0.68	-63.8	7.56	

9/1/15

Constituents Sampled

Check Boxes as appropriate:
- [X] VOCs (8260B)
- [ ] Other (list):

Other Notes:
Primary stabilization parameters:
pH ± 0.1 SU; Specific Conductance
Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
Drawdown target: < 0.3 feet below static
Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all): NONE
Well Completion: Flush Mount / Stick Up
Well Locked at Arrival: Yes / No
Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

Well ID: MW-36
Weather: CLEAR/HOT/78°F
Date: 9/1/15
Project Name/Location: Lafarge - East Point, GA
Project No. HT212446.0015.00002
Total Well Depth (ft-BTOC): 60.5
Screen Interval (ft-BTOC): 50-60
Purge Time: Start: 0915
End: 0945
Sampled by: J. RADFORD
Static Water Level (ft-BTOC): 21.67
Pump Intake (ft-BTOC): FINAL (60)
Sample Time: 1330
Water Column (ft): 38.83
Purge Method: (circle one) low flow/low volume / volume purge
Volume Purged (mL or gal): ~7
Duplicate ID: —
Casing Volume Multiplier: .16
Well Volume: 6.21
Sample equipment (check one): [ ] Teflon Bladder [X] Teflon-lined Tubing [ ] Teflon Bailer
Appearance (color/odor): CLEAR/NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0925	300	3000	55	29.45 D	22.65	357	6.30	2.37	-13.7	5.03	WATER LEVEL DROPPING
* WATER LEVEL DROPPING SIGNIFIGANTLY / INCREASED FLOW TO PUMP											
WELL DRY											
0932 WL = 31.90 @ 0.25 GPM											
* 0945 WELL PUMPED DRY / WILL LET ALLOW RECHARGE & SAMPLE.											YES
1325	—	—	—	50.11	24.00	485	7.66	3.97	-71.4	17.2	NO

Constituents Sampled

Check Boxes as appropriate:
[X] VOCs (8260B)
[ ] Other (list):

Other Notes:
Primary stabilization parameters:
pH ± 0.1 SU; Specific Conductance
Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
Drawdown target: < 0.3 feet below static
Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all): NONE
Well Completion: Flush Mount / Stick Up
Well Locked at Arrival: Yes / No
Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

Well ID: DPE-313
Weather: CLEAR / HOT / HUMID
Date: 9/2/15
Project Name/Location: Lafarge - East Point, GA
Project No.: HT212446.0015.00002
Total Well Depth (ft-BTOC):
Screen Interval (ft-BTOC):
Purge Time: Start:
End:
Sampled by: J. RADFORD
Static Water Level (ft-BTOC):
Pump Intake (ft-BTOC): GRAB FROM MANIFOLD
Sample Time: 0930
Water Column (ft):
Casing Volume Multiplier:
Purge Method: (circle one) low flow/low volume / volume purge
Volume Purged (mL or gal):
Duplicate ID:
Well Volume:
Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer
Appearance (color/odor): LT BRWN / ~~NONE~~ 9/2 STRONG

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0925	—	—	—	—	24.62	300	6.47	1.31	-400	237	

9/2/15

Constituents Sampled

Check Boxes as appropriate:

- [x] VOCs (8260B)
- [ ] Other (list):

Other Notes:

Primary stabilization parameters:
pH ± 0.1 SU; Specific Conductance
Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
Drawdown target: < 0.3 feet below static
Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: Flush Mount / Stick Up

9/2/15

Well Locked at Arrival: Yes / No
Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

Well ID: RW-8 | Weather: CLEAR/HOT/HUMID | Date: 9/2/15

Project Name/Location: Lafarge - East Point, GA | Project No.: HT212446.0015.00002

Total Well Depth (ft-BTOC): GRAB FROM MANIFOLD | Screen Interval (ft-BTOC): | Purge Time: Start: | End: | Sampled by: J. RADFORD

Static Water Level (ft-BTOC): | Pump Intake (ft-BTOC): | Sample Time: 0945

Water Column (ft): | Purge Method: (circle one) low flow/low volume / volume purge | Volume Purged (mL or gal): | Duplicate ID: —

Casing Volume Multiplier: | Well Volume: | Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☐ Teflon Bailer | Appearance (color/odor): CLEAR/NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
0940	—	—	—	—	23.09	171	6.08	4.09	37.6	3.37	NO

9/2/15

Constituents Sampled

Check Boxes as appropriate:

☒ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:

pH ± 0.1 SU; Specific Conductance

Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)

Drawdown target: < 0.3 feet below static

Secondary water quality parameter: Dissolved Oxygen ±0.2 mL/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04 | 1.25" = 0.06 | 1.5" = 0.09 | 2" = 0.16 | 2.5" = 0.26 | 3" = 0.37 | 3.5" = 0.50 | 4" = 0.65 | 6" = 1.47

Well Information

Repairs Needed (List all):

Well Completion: Flush Mount / Stick Up

9/2/15

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

Page 1 of 1

Well ID: DPE-408
Weather: SUNNY / CLEAR / 80°F
Date: 9/2/15
Project Name/Location: Lafarge - East Point, GA
Project No.: HT212446.0015.00002
Total Well Depth (ft-BTOC): 27
Screen Interval (ft-BTOC): —
Purge Time: Start: 1100
End: 1145
Sampled by: J. RADFORD
Static Water Level (ft-BTOC): 20.80
Pump Intake (ft-BTOC): 25
Sample Time: 1150
Water Column (ft): 6.20
Purge Method: (circle one) low flow/low volume / volume purge
Volume Purged (mL or gal): 9000
Duplicate ID: —
Casing Volume Multiplier: .65
Well Volume: 4.03
Sample equipment (check one): ☐ Teflon Bladder ☐ Teflon-lined Tubing ☒ Teflon Bailer
Appearance (color/odor): CLEAR / SLT TURB / NO ODOR

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1110	200	2000	25	21.36	27.33	457	6.79	3.01	-37.6	187	NO
1115	200	3000	25	21.37	27.25	457	6.80	2.81	-37.6	114	NO
1120	200	4000	25	21.39	27.31	458	6.81	2.77	-37.9	108	NO
1125	200	5000	25	21.41	27.37	458	6.82	3.04	-38.1	103	NO
1130	200	6000	25	21.45	27.40	458	6.82	3.13	-38.2	102	NO
1135	200	7000	25	21.50	27.38	458	6.83	2.99	-38.5	85.8	NO
1140	200	8000	25	21.51	27.34	459	6.83	2.89	-38.4	89.7	NO
1145	200	9000	25	21.52	27.32	459	6.83	2.69	-39.1	88.3	NO

7/2/15

Constituents Sampled

Check Boxes as appropriate:
☒ VOCs (8260B)
☐ Other (list):

Other Notes:
Primary stabilization parameters:
pH ± 0.1 SU; Specific Conductance
Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
Drawdown target: < 0.3 feet below static
Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all): NONE
Well Completion: Flush Mount / Stick Up
Well Locked at Arrival: Yes / No
Well Locked at Departure: Yes / No

ARCADIS Groundwater Sampling Form

Well ID: RW-2
Weather: HOT/HUMID/90°F
Date: 9/2/15
Project Name/Location: Lafarge - East Point, GA
Project No. HT212446.0015.00002
Total Well Depth (ft-BTOC): 70.2
Screen Interval (ft-BTOC): 20-70
Purge Time: Start: 1210
End: 1255
Sampled by: J. RADFORD
Static Water Level (ft-BTOC): 18.89
Pump Intake (ft-BTOC): 40
Sample Time: 1300
Water Column (ft): 51.31
Purge Method: (circle one) low flow/low volume / volume purge
Volume Purged (mL or gal): 13500
Duplicate ID: —
Casing Volume Multiplier: 1.47
Well Volume: 75.43
Sample equipment (check one): ☐ Teflon Bladder ☒ Teflon-lined Tubing ☐ Teflon Bailer
Appearance (color/odor): CLEAR/NONE

Time	Purge Rate (gpm) or (ml/min)	Volume Purged (gal or mL)	Pump Intake (ft-BTOC)	Depth to Water (ft-BTOC)	Temperature (°C)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Purged Dry (yes or no) (enter depth purged dry
1220	300	3000	40	NA	22.42	430	7.13	0.10	-170.8	50.9	NO
1225	300	4500	40		22.52	412	7.09	0.11	-162.3	51.3	NO
1230	300	6000	40		22.58	389	7.02	0.11	-158.4	51.8	NO
1235	300	7500	40		22.87	392	7.03	0.12	-137.2	50.9	NO
1240	300	9000	40		23.06	399	7.04	0.12	-121.4	48.9	NO
1245	300	10500	40		23.04	399	7.05	0.11	-123.7	50.1	NO
1250	300	12000	40		23.03	400	7.06	0.11	-125.2	47.3	NO
1255	300	13500	40	~~19~~ 18.95	23.06	400	7.06	0.10	-138.3	48.7	NO

TAKEN AFTER SAMPLE (COULD NOT OBTAIN DTW DURING PURGE DUE TO LIMITED ACCESS TO WELL)

9/2/15

Constituents Sampled

Check Boxes as appropriate:

☒ VOCs (8260B)

☐ Other (list):

Other Notes:

Primary stabilization parameters:
pH ± 0.1 SU; Specific Conductance
Turbidity: <10 NTU (or within 10% if <10 NTU not achievable)
Drawdown target: < 0.3 feet below static
Secondary water quality parameter: Dissolved Oxygen ±0.2 mg/L

Well Casing Volume Multipliers

Gallons/Foot: 1" = 0.04; 1.25" = 0.06; 1.5" = 0.09; 2" = 0.16; 2.5" = 0.26; 3" = 0.37; 3.5" = 0.50; 4" = 0.65; 6" = 1.47

Well Information

Repairs Needed (List all): NONE

Well Completion: Flush Mount / Stick Up

Well Locked at Arrival: Yes / No

Well Locked at Departure: Yes / No

EB-01 (09022015) TAKEN @ 1405

ARCADIS

Appendix B

Laboratory Analytical Reports - see CD

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 29, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge East Point

Dear Greg Sitomer: Order No: 1505I89

Analytical Environmental Services, Inc. received 38 samples on 5/20/2015 3:35:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1505189

Date: 5/20/15 Page 1 of 3

COMPANY:	ADDRESS:
ARCADIS	1000 Cobb Place Blvd Bldg 200-A Kennesaw, GA 30144
PHONE: (770) 428-9009	FAX:
SAMPLED BY: Mark Nye	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED: VOCs	Metals	PRESERVATION (See codes): #	N	No # of Containers	REMARKS
1	MW-10 (052015)	5/20/15	0822	X		GW			2			
2	MW-15 (051915)	5/19/15	1045	X		GW			2			
3	MW-16 (051915)	5/19/15	1120	X		GW			2			
4	MW-30 (051915)	5/19/15	1207	X		GW			2	1		
5	MW-31 (051915)	5/19/15	1240	X		GW			2	1		
6	MW-26 (051915)	5/19/15	1322	X		GW			2			
7	MW-27 (051915)	5/19/15	1400	X		GW			2			
8	MW-17 (051915)	5/19/15	1530	X		GW			2	1		
9	MW-7 (051915)	5/19/15	1612	X		GW			2			
10	MW-13 (051815)	5/18/15	0935	X		GW			2			
11	MW-19 (051515)	5/15/15	1300	X		GW			2			
12	MW-6 (051515)	5/15/15	1350	X		GW			2			
13	MW-23 (051515)	5/15/15	1455	X		GW			2			
14	MW-24 (051515)	5/15/15	1535	X		GW			2			

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: Mark Nye	5-20-15 1400	1:	5-20-15 1400
2:	5-20-15 15:35	2:	5/20/15 3:35
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Legacy East Point
PROJECT #: LA12446
SITE ADDRESS: 2172 Main St East Point, GA
SEND REPORT TO: Greg Sikora
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

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 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
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: 150 5789

Date: 5/20/15 Page 2 of 3

COMPANY: ARCADIS

ADDRESS: 1000 Cobb Place Blvd Bldg 500-A Kennesaw, GA 30144

PHONE: (770) 425-9009

FAX:

SAMPLED BY: Mark Myers

SIGNATURE:

ANALYSIS REQUESTED: VOCs; Metals

PRESERVATION (See codes): HCl; N

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	HCl	N	REMARKS	No # of Containers
1	MW-36 (051515)	5/15/15	1610	X		GW	2			
2	MW-32 (051515)	5/15/15	1710	X		GW	2			
3	MW-14 (051815)	5/18/15	1015	X		GW	2			
4	MW-19 (051815)	5/18/15	1050	X		GW	2			
5	MW-22 (051815)	5/18/15	1140	X		GW	2			
6	MW-11 (051815)	5/18/15	1220	X		GW	2			
7	MW-12 (051815)	5/18/15	1305	X		GW	2			
8	MW-29 (051815) (051915)	5/19/15 5/18/15	0910	X		GW	2			
9	MW-28 (051915)	5/19/15	0948	X		GW	2			
10	RW-6 (051815)	5/18/15 ~~1405~~ 1400		X		GW	2			
11	RW-7 (051815)	5/18/15	1405	X		GW	2			
12	RW-2 (051815)	~~5/18/15~~	1355	X		GW	2			
13	RW-3 (052015)	5/20/15	0830	X		GW	2			
14	RW-4 (052015)	5/20/15	0905	X		GW	2			

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: Mark Myers	5-20-15 / 1440	1:	5-20-15 / 1440
2:	5-20-15 / 15:55	2:	5/20/15 1555
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Lafarge East Point
PROJECT #: HE212 44C
SITE ADDRESS: 2076 RW Norton St, East Point, GA
SEND REPORT TO: Greg Sitton
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

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 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
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: 1505189

Date: 5/20/15 Page 3 of 3

COMPANY: ARCADIS

ADDRESS: 1000 Cobb Place Blvd Bldg 200 A Kennesaw, GA 30144

PHONE: (770) 423-9005

FAX:

SAMPLED BY: Mark Myers

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) H+I	PRESERVATION (See codes) N	REMARKS	No # of Containers
1	DUP-01 (051915)	5/19/15	—	X		GW	2			
2	DUP-02 (051915)	5/19/15	—	X		GW	2			
3	DUP-03 (052015)	5/20/15	—	X		GW	2			
4	MW-2 (052015)	5/20/15	1055	X		GW	2	1		
5	RW-8 (052015)	5/20/15	1145	X		GW	2			
6	MW-3 (052015)	5/20/15	1320	X		GW	2	1		
7	EB-01 (052015)	5/20/15	1402	X		W	2			
8	Temp Blank (052015)	5/20/15	—	—		W	2			
9	MW-9 (052015)	5/20/15	0952	X		GW	2			
10	MW-20 (052015)	5/20/15	0857	X		GW	2			
11										
12										
13										
14										

ANALYSIS REQUESTED: VOCs; Metals

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: Mark Myers	5-20-15 / 1440	1:	5-20-15 1440
2:	5-20-15 15:55	2:	5/20/15 15:55
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Largo East Point
PROJECT #: HT212446
SITE ADDRESS: 2670 RN Mathis St
SEND REPORT TO: Gary Sitton
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 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: 29-May-15

Client: Arcadis
Project: Lafarge East Point
Lab ID: 1505I89

Case Narrative

The vials for sample "DUP-02" have MW-27 on the bottle label.

Volatiles Organic Compounds Analysis by Method 8260B:

Due to sample matrix, sample 1505I89-016A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc **Date:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-10 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 8:22:00 AM
Lab ID:	1505I89-001	**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	207797	1	05/21/2015 22:55	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
2-Butanone	BRL	50		ug/L	207797	1	05/21/2015 22:55	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/21/2015 22:55	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/21/2015 22:55	NP
Acetone	BRL	50		ug/L	207797	1	05/21/2015 22:55	NP
Benzene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Chloroethane	BRL	10		ug/L	207797	1	05/21/2015 22:55	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Chloromethane	BRL	10		ug/L	207797	1	05/21/2015 22:55	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/21/2015 22:55	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Freon-113	BRL	10		ug/L	207797	1	05/21/2015 22:55	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-10 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 8:22:00 AM
Lab ID:	1505I89-001	**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	207797	1	05/21/2015 22:55	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Toluene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/21/2015 22:55	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/21/2015 22:55	NP
Surr: 4-Bromofluorobenzene	93.9	70.6-123		%REC	207797	1	05/21/2015 22:55	NP
Surr: Dibromofluoromethane	90.6	78.7-124		%REC	207797	1	05/21/2015 22:55	NP
Surr: Toluene-d8	99.2	81.3-120		%REC	207797	1	05/21/2015 22:55	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-15 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 10:45:00 AM
Lab ID:	1505I89-002	**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	207797	1	05/21/2015 23:19	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
2-Butanone	BRL	50		ug/L	207797	1	05/21/2015 23:19	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/21/2015 23:19	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/21/2015 23:19	NP
Acetone	BRL	50		ug/L	207797	1	05/21/2015 23:19	NP
Benzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Chloroethane	BRL	10		ug/L	207797	1	05/21/2015 23:19	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Chloromethane	BRL	10		ug/L	207797	1	05/21/2015 23:19	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/21/2015 23:19	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Freon-113	BRL	10		ug/L	207797	1	05/21/2015 23:19	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-15 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 10:45:00 AM
Lab ID:	1505I89-002	**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	207797	1	05/21/2015 23:19	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Toluene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:19	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/21/2015 23:19	NP
Surr: 4-Bromofluorobenzene	92.8	70.6-123		%REC	207797	1	05/21/2015 23:19	NP
Surr: Dibromofluoromethane	90.4	78.7-124		%REC	207797	1	05/21/2015 23:19	NP
Surr: Toluene-d8	97	81.3-120		%REC	207797	1	05/21/2015 23:19	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- 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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-16 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 11:20:00 AM
Lab ID:	1505I89-003	**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	207797	1	05/21/2015 23:44	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
2-Butanone	BRL	50		ug/L	207797	1	05/21/2015 23:44	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/21/2015 23:44	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/21/2015 23:44	NP
Acetone	BRL	50		ug/L	207797	1	05/21/2015 23:44	NP
Benzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Chloroethane	BRL	10		ug/L	207797	1	05/21/2015 23:44	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Chloromethane	BRL	10		ug/L	207797	1	05/21/2015 23:44	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/21/2015 23:44	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Freon-113	BRL	10		ug/L	207797	1	05/21/2015 23:44	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-16 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 11:20:00 AM
Lab ID:	1505I89-003	**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	207797	1	05/21/2015 23:44	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Toluene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/21/2015 23:44	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/21/2015 23:44	NP
Surr: 4-Bromofluorobenzene	91.4	70.6-123		%REC	207797	1	05/21/2015 23:44	NP
Surr: Dibromofluoromethane	91.5	78.7-124		%REC	207797	1	05/21/2015 23:44	NP
Surr: Toluene-d8	95.1	81.3-120		%REC	207797	1	05/21/2015 23:44	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-30 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 12:03:00 PM
Lab ID:	1505I89-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Metals by ICP/MS SW6020A					**(SW3005A)**			
Lead	2.35	1.00		ug/L	207771	1	05/27/2015 06:34	JS
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
1,1,1-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 00:07	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 00:07	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 00:07	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 00:07	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 00:07	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 00:07	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 00:07	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 00:07	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-30 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 12:03:00 PM
Lab ID:	1505I89-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Styrene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:07	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 00:07	NP
Surr: 4-Bromofluorobenzene	92.4	70.6-123		%REC	207797	1	05/22/2015 00:07	NP
Surr: Dibromofluoromethane	93	78.7-124		%REC	207797	1	05/22/2015 00:07	NP
Surr: Toluene-d8	97.9	81.3-120		%REC	207797	1	05/22/2015 00:07	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-31 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 12:40:00 PM
Lab ID:	1505I89-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Metals by ICP/MS SW6020A					**(SW3005A)**			
Lead	3.09	1.00		ug/L	207771	5	05/28/2015 21:53	JS
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
1,1,1-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 00:32	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 00:32	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 00:32	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 00:32	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 00:32	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 00:32	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 00:32	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 00:32	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-31 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 12:40:00 PM
Lab ID:	1505I89-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Styrene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:32	NP
Vinyl chloride	18	2.0		ug/L	207797	1	05/22/2015 00:32	NP
Surr: 4-Bromofluorobenzene	93.3	70.6-123		%REC	207797	1	05/22/2015 00:32	NP
Surr: Dibromofluoromethane	94	78.7-124		%REC	207797	1	05/22/2015 00:32	NP
Surr: Toluene-d8	97.3	81.3-120		%REC	207797	1	05/22/2015 00:32	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-26 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 1:22:00 PM
Lab ID:	1505I89-006	**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	207797	1	05/22/2015 00:56	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 00:56	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 00:56	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 00:56	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 00:56	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 00:56	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 00:56	NP
cis-1,2-Dichloroethene	160	5.0		ug/L	207797	1	05/22/2015 00:56	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 00:56	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 00:56	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-26 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 1:22:00 PM
Lab ID:	1505I89-006	**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	207797	1	05/22/2015 00:56	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Trichloroethene	16	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 00:56	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 00:56	NP
Surr: 4-Bromofluorobenzene	93.7	70.6-123		%REC	207797	1	05/22/2015 00:56	NP
Surr: Dibromofluoromethane	92.9	78.7-124		%REC	207797	1	05/22/2015 00:56	NP
Surr: Toluene-d8	96.6	81.3-120		%REC	207797	1	05/22/2015 00:56	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-27 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 2:00:00 PM
Lab ID:	1505I89-007	**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	207797	1	05/22/2015 04:59	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 04:59	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 04:59	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 04:59	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 04:59	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 04:59	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 04:59	NP
cis-1,2-Dichloroethene	870	50		ug/L	207797	10	05/21/2015 22:06	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 04:59	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 04:59	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-27 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 2:00:00 PM
Lab ID:	1505I89-007	**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	207797	1	05/22/2015 04:59	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Trichloroethene	38	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:59	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 04:59	NP
Surr: 4-Bromofluorobenzene	93.2	70.6-123		%REC	207797	10	05/21/2015 22:06	NP
Surr: 4-Bromofluorobenzene	94	70.6-123		%REC	207797	1	05/22/2015 04:59	NP
Surr: Dibromofluoromethane	92.2	78.7-124		%REC	207797	10	05/21/2015 22:06	NP
Surr: Dibromofluoromethane	97.6	78.7-124		%REC	207797	1	05/22/2015 04:59	NP
Surr: Toluene-d8	97	81.3-120		%REC	207797	1	05/22/2015 04:59	NP
Surr: Toluene-d8	97.7	81.3-120		%REC	207797	10	05/21/2015 22:06	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 **Date:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-17 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 3:30:00 PM
Lab ID:	1505I89-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Metals by ICP/MS SW6020A					**(SW3005A)**			
Lead	1.30	1.00		ug/L	207771	1	05/27/2015 06:45	JS
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
1,1,1-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 05:23	NP
2-Hexanone	14	10		ug/L	207797	1	05/22/2015 05:23	NP
4-Methyl-2-pentanone	15	10		ug/L	207797	1	05/22/2015 05:23	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 05:23	NP
Benzene	170	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 05:23	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 05:23	NP
cis-1,2-Dichloroethene	11	5.0		ug/L	207797	1	05/22/2015 05:23	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Cyclohexane	1000	50		ug/L	207797	10	05/21/2015 22:30	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 05:23	NP
Ethylbenzene	55	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 05:23	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
m,p-Xylene	140	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-17 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 3:30:00 PM
Lab ID:	1505I89-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Methylcyclohexane	410	50		ug/L	207797	10	05/21/2015 22:30	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Styrene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 05:23	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 05:23	NP
Surr: 4-Bromofluorobenzene	95.2	70.6-123		%REC	207797	10	05/21/2015 22:30	NP
Surr: 4-Bromofluorobenzene	101	70.6-123		%REC	207797	1	05/22/2015 05:23	NP
Surr: Dibromofluoromethane	87.7	78.7-124		%REC	207797	10	05/21/2015 22:30	NP
Surr: Dibromofluoromethane	92.8	78.7-124		%REC	207797	1	05/22/2015 05:23	NP
Surr: Toluene-d8	96.7	81.3-120		%REC	207797	10	05/21/2015 22:30	NP
Surr: Toluene-d8	99.3	81.3-120		%REC	207797	1	05/22/2015 05:23	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-7 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 4:12:00 PM
Lab ID:	1505I89-009	**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	207797	1	05/22/2015 21:39	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,1-Dichloroethene	14	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 21:39	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 21:39	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 21:39	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 21:39	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 21:39	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 21:39	NP
cis-1,2-Dichloroethene	6200	2500		ug/L	207797	500	05/21/2015 21:18	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Cyclohexane	17	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 21:39	NP
Ethylbenzene	10	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 21:39	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
m,p-Xylene	13	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Methylcyclohexane	83	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-7 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 4:12:00 PM
Lab ID:	1505I89-009	**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	207797	1	05/22/2015 21:39	NP
Tetrachloroethene	7.5	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Toluene	6.4	5.0		ug/L	207797	1	05/22/2015 21:39	NP
trans-1,2-Dichloroethene	14	5.0		ug/L	207797	1	05/22/2015 21:39	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Trichloroethene	10000	2500		ug/L	207797	500	05/21/2015 21:18	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 21:39	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 21:39	NP
Surr: 4-Bromofluorobenzene	92	70.6-123		%REC	207797	500	05/21/2015 21:18	NP
Surr: 4-Bromofluorobenzene	95.7	70.6-123		%REC	207797	1	05/22/2015 21:39	NP
Surr: Dibromofluoromethane	89.7	78.7-124		%REC	207797	500	05/21/2015 21:18	NP
Surr: Dibromofluoromethane	101	78.7-124		%REC	207797	1	05/22/2015 21:39	NP
Surr: Toluene-d8	96.9	81.3-120		%REC	207797	500	05/21/2015 21:18	NP
Surr: Toluene-d8	95.7	81.3-120		%REC	207797	1	05/22/2015 21:39	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-13 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 9:35:00 AM
Lab ID:	1505I89-010	**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	207797	1	05/22/2015 01:20	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 01:20	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 01:20	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 01:20	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 01:20	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 01:20	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 01:20	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 01:20	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 01:20	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-13 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 9:35:00 AM
Lab ID:	1505I89-010	**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	207797	1	05/22/2015 01:20	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:20	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 01:20	NP
Surr: 4-Bromofluorobenzene	93.9	70.6-123		%REC	207797	1	05/22/2015 01:20	NP
Surr: Dibromofluoromethane	96.3	78.7-124		%REC	207797	1	05/22/2015 01:20	NP
Surr: Toluene-d8	98.5	81.3-120		%REC	207797	1	05/22/2015 01:20	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-18 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 1:00:00 PM
Lab ID:	1505I89-011	**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	207797	1	05/22/2015 01:45	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 01:45	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 01:45	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 01:45	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 01:45	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 01:45	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 01:45	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 01:45	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 01:45	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-18 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 1:00:00 PM
Lab ID:	1505I89-011	**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	207797	1	05/22/2015 01:45	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 01:45	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 01:45	NP
Surr: 4-Bromofluorobenzene	94.5	70.6-123		%REC	207797	1	05/22/2015 01:45	NP
Surr: Dibromofluoromethane	96.4	78.7-124		%REC	207797	1	05/22/2015 01:45	NP
Surr: Toluene-d8	97.7	81.3-120		%REC	207797	1	05/22/2015 01:45	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 **Date:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-6 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 1:50:00 PM
Lab ID:	1505I89-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 02:09	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 02:09	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 02:09	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 02:09	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 02:09	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 02:09	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 02:09	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 02:09	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-6 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 1:50:00 PM
Lab ID:	1505I89-012	**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	207797	1	05/22/2015 02:09	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:09	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 02:09	NP
Surr: 4-Bromofluorobenzene	93.5	70.6-123		%REC	207797	1	05/22/2015 02:09	NP
Surr: Dibromofluoromethane	95.1	78.7-124		%REC	207797	1	05/22/2015 02:09	NP
Surr: Toluene-d8	99	81.3-120		%REC	207797	1	05/22/2015 02:09	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-23 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 2:55:00 PM
Lab ID:	1505I89-013	**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	207797	1	05/22/2015 02:33	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 02:33	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 02:33	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 02:33	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 02:33	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 02:33	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 02:33	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 02:33	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 02:33	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-23 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 2:55:00 PM
Lab ID:	1505I89-013	**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	207797	1	05/22/2015 02:33	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:33	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 02:33	NP
Surr: 4-Bromofluorobenzene	92.4	70.6-123		%REC	207797	1	05/22/2015 02:33	NP
Surr: Dibromofluoromethane	96.6	78.7-124		%REC	207797	1	05/22/2015 02:33	NP
Surr: Toluene-d8	98.7	81.3-120		%REC	207797	1	05/22/2015 02:33	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-24 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 3:35:00 PM
Lab ID:	1505I89-014	**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	207797	1	05/22/2015 02:57	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 02:57	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 02:57	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 02:57	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 02:57	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 02:57	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 02:57	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 02:57	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 02:57	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-24 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 3:35:00 PM
Lab ID:	1505I89-014	**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	207797	1	05/22/2015 02:57	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 02:57	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 02:57	NP
Surr: 4-Bromofluorobenzene	93.6	70.6-123		%REC	207797	1	05/22/2015 02:57	NP
Surr: Dibromofluoromethane	96.4	78.7-124		%REC	207797	1	05/22/2015 02:57	NP
Surr: Toluene-d8	99.2	81.3-120		%REC	207797	1	05/22/2015 02:57	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 **Date:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-36 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 4:10:00 PM
Lab ID:	1505I89-015	**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	207797	1	05/22/2015 22:01	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,1-Dichloroethene	40	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 22:01	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 22:01	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 22:01	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 22:01	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 22:01	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 22:01	NP
cis-1,2-Dichloroethene	18000	500		ug/L	207797	100	05/21/2015 21:42	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 22:01	NP
Ethylbenzene	14	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 22:01	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
m,p-Xylene	22	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-36 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 4:10:00 PM
Lab ID:	1505I89-015	**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	207797	1	05/22/2015 22:01	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Toluene	65	5.0		ug/L	207797	1	05/22/2015 22:01	NP
trans-1,2-Dichloroethene	5.4	5.0		ug/L	207797	1	05/22/2015 22:01	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Trichloroethene	330	50		ug/L	207797	10	05/22/2015 14:54	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 22:01	NP
Vinyl chloride	13	2.0		ug/L	207797	1	05/22/2015 22:01	NP
Surr: 4-Bromofluorobenzene	89	70.6-123		%REC	207797	1	05/22/2015 22:01	NP
Surr: 4-Bromofluorobenzene	91.9	70.6-123		%REC	207797	100	05/21/2015 21:42	NP
Surr: 4-Bromofluorobenzene	101	70.6-123		%REC	207797	10	05/22/2015 14:54	NP
Surr: Dibromofluoromethane	90.5	78.7-124		%REC	207797	100	05/21/2015 21:42	NP
Surr: Dibromofluoromethane	100	78.7-124		%REC	207797	1	05/22/2015 22:01	NP
Surr: Dibromofluoromethane	100	78.7-124		%REC	207797	10	05/22/2015 14:54	NP
Surr: Toluene-d8	91.5	81.3-120		%REC	207797	10	05/22/2015 14:54	NP
Surr: Toluene-d8	92.3	81.3-120		%REC	207797	1	05/22/2015 22:01	NP
Surr: Toluene-d8	97.5	81.3-120		%REC	207797	100	05/21/2015 21:42	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-32 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 5:10:00 PM
Lab ID:	1505I89-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,1,2,2-Tetrachloroethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,1,2-Trichloroethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,1-Dichloroethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,1-Dichloroethene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,2,4-Trichlorobenzene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,2-Dibromo-3-chloropropane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,2-Dibromoethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,2-Dichlorobenzene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,2-Dichloroethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,2-Dichloropropane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,3-Dichlorobenzene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
1,4-Dichlorobenzene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
2-Butanone	BRL	250000		ug/L	207797	5000	05/21/2015 20:06	NP
2-Hexanone	BRL	50000		ug/L	207797	5000	05/21/2015 20:06	NP
4-Methyl-2-pentanone	BRL	50000		ug/L	207797	5000	05/21/2015 20:06	NP
Acetone	BRL	250000		ug/L	207797	5000	05/21/2015 20:06	NP
Benzene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Bromodichloromethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Bromoform	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Bromomethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Carbon disulfide	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Carbon tetrachloride	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Chlorobenzene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Chloroethane	BRL	50000		ug/L	207797	5000	05/21/2015 20:06	NP
Chloroform	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Chloromethane	BRL	50000		ug/L	207797	5000	05/21/2015 20:06	NP
cis-1,2-Dichloroethene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
cis-1,3-Dichloropropene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Cyclohexane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Dibromochloromethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Dichlorodifluoromethane	BRL	50000		ug/L	207797	5000	05/21/2015 20:06	NP
Ethylbenzene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Freon-113	BRL	50000		ug/L	207797	5000	05/21/2015 20:06	NP
Isopropylbenzene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
m,p-Xylene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Methyl acetate	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Methyl tert-butyl ether	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Methylcyclohexane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Methylene chloride	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
o-Xylene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-32 (051515)
Project Name:	Lafarge East Point	**Collection Date:**	5/15/2015 5:10:00 PM
Lab ID:	1505I89-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Tetrachloroethene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Toluene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
trans-1,2-Dichloroethene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
trans-1,3-Dichloropropene	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Trichloroethene	84000	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Trichlorofluoromethane	BRL	25000		ug/L	207797	5000	05/21/2015 20:06	NP
Vinyl chloride	BRL	10000		ug/L	207797	5000	05/21/2015 20:06	NP
Surr: 4-Bromofluorobenzene	91.8	70.6-123		%REC	207797	5000	05/21/2015 20:06	NP
Surr: Dibromofluoromethane	90	78.7-124		%REC	207797	5000	05/21/2015 20:06	NP
Surr: Toluene-d8	97	81.3-120		%REC	207797	5000	05/21/2015 20:06	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-14 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 10:15:00 AM
Lab ID:	1505I89-017	**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	207797	1	05/22/2015 03:22	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 03:22	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 03:22	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 03:22	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 03:22	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 03:22	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 03:22	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 03:22	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 03:22	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-14 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 10:15:00 AM
Lab ID:	1505I89-017	**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	207797	1	05/22/2015 03:22	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:22	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 03:22	NP
Surr: 4-Bromofluorobenzene	95.7	70.6-123		%REC	207797	1	05/22/2015 03:22	NP
Surr: Dibromofluoromethane	96.6	78.7-124		%REC	207797	1	05/22/2015 03:22	NP
Surr: Toluene-d8	99.1	81.3-120		%REC	207797	1	05/22/2015 03:22	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-19 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 10:50:00 AM
Lab ID:	1505I89-018	**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	207797	1	05/22/2015 03:46	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 03:46	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 03:46	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 03:46	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 03:46	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 03:46	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 03:46	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 03:46	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 03:46	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-19 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 10:50:00 AM
Lab ID:	1505I89-018	**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	207797	1	05/22/2015 03:46	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 03:46	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 03:46	NP
Surr: 4-Bromofluorobenzene	94.3	70.6-123		%REC	207797	1	05/22/2015 03:46	NP
Surr: Dibromofluoromethane	95.1	78.7-124		%REC	207797	1	05/22/2015 03:46	NP
Surr: Toluene-d8	96.3	81.3-120		%REC	207797	1	05/22/2015 03:46	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-22 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 11:40:00 AM
Lab ID:	1505I89-019	**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	207797	1	05/22/2015 04:10	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 04:10	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 04:10	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 04:10	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 04:10	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 04:10	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 04:10	NP
cis-1,2-Dichloroethene	6.5	5.0		ug/L	207797	1	05/22/2015 04:10	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 04:10	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 04:10	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-22 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 11:40:00 AM
Lab ID:	1505I89-019	**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	207797	1	05/22/2015 04:10	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:10	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 04:10	NP
Surr: 4-Bromofluorobenzene	96.8	70.6-123		%REC	207797	1	05/22/2015 04:10	NP
Surr: Dibromofluoromethane	99.2	78.7-124		%REC	207797	1	05/22/2015 04:10	NP
Surr: Toluene-d8	99.5	81.3-120		%REC	207797	1	05/22/2015 04:10	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-11 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 12:20:00 PM
Lab ID:	1505I89-020	**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	207797	1	05/22/2015 04:35	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
2-Butanone	BRL	50		ug/L	207797	1	05/22/2015 04:35	NP
2-Hexanone	BRL	10		ug/L	207797	1	05/22/2015 04:35	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207797	1	05/22/2015 04:35	NP
Acetone	BRL	50		ug/L	207797	1	05/22/2015 04:35	NP
Benzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Bromodichloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Bromoform	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Bromomethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Carbon disulfide	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Carbon tetrachloride	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Chlorobenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Chloroethane	BRL	10		ug/L	207797	1	05/22/2015 04:35	NP
Chloroform	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Chloromethane	BRL	10		ug/L	207797	1	05/22/2015 04:35	NP
cis-1,2-Dichloroethene	6.6	5.0		ug/L	207797	1	05/22/2015 04:35	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Cyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Dibromochloromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Dichlorodifluoromethane	BRL	10		ug/L	207797	1	05/22/2015 04:35	NP
Ethylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Freon-113	BRL	10		ug/L	207797	1	05/22/2015 04:35	NP
Isopropylbenzene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
m,p-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Methyl acetate	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Methylcyclohexane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Methylene chloride	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
o-Xylene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-11 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 12:20:00 PM
Lab ID:	1505I89-020	**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	207797	1	05/22/2015 04:35	NP
Tetrachloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Toluene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Trichloroethene	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207797	1	05/22/2015 04:35	NP
Vinyl chloride	BRL	2.0		ug/L	207797	1	05/22/2015 04:35	NP
Surr: 4-Bromofluorobenzene	91.6	70.6-123		%REC	207797	1	05/22/2015 04:35	NP
Surr: Dibromofluoromethane	96.9	78.7-124		%REC	207797	1	05/22/2015 04:35	NP
Surr: Toluene-d8	97.7	81.3-120		%REC	207797	1	05/22/2015 04:35	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-12 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 1:05:00 PM
Lab ID:	1505I89-021	**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	207749	1	05/27/2015 10:38	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
2-Butanone	BRL	50		ug/L	207749	1	05/27/2015 10:38	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/27/2015 10:38	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/27/2015 10:38	NP
Acetone	BRL	50		ug/L	207749	1	05/27/2015 10:38	NP
Benzene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Chloroethane	BRL	10		ug/L	207749	1	05/27/2015 10:38	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Chloromethane	BRL	10		ug/L	207749	1	05/27/2015 10:38	NP
cis-1,2-Dichloroethene	39	5.0		ug/L	207749	1	05/27/2015 10:38	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/27/2015 10:38	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Freon-113	BRL	10		ug/L	207749	1	05/27/2015 10:38	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-12 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 1:05:00 PM
Lab ID:	1505I89-021	**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	207749	1	05/27/2015 10:38	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Toluene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Trichloroethene	22	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/27/2015 10:38	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/27/2015 10:38	NP
Surr: 4-Bromofluorobenzene	87.9	70.6-123		%REC	207749	1	05/27/2015 10:38	NP
Surr: Dibromofluoromethane	106	78.7-124		%REC	207749	1	05/27/2015 10:38	NP
Surr: Toluene-d8	96.5	81.3-120		%REC	207749	1	05/27/2015 10:38	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-29 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 9:10:00 AM
Lab ID:	1505I89-022	**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	207749	1	05/22/2015 20:54	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 20:54	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 20:54	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 20:54	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 20:54	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 20:54	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 20:54	NP
cis-1,2-Dichloroethene	2000	250		ug/L	207749	50	05/22/2015 15:39	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 20:54	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 20:54	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-29 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 9:10:00 AM
Lab ID:	1505I89-022	**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	207749	1	05/22/2015 20:54	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Trichloroethene	430	250		ug/L	207749	50	05/22/2015 15:39	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:54	NP
Vinyl chloride	7.3	2.0		ug/L	207749	1	05/22/2015 20:54	NP
Surr: 4-Bromofluorobenzene	101	70.6-123		%REC	207749	50	05/22/2015 15:39	NP
Surr: 4-Bromofluorobenzene	89.5	70.6-123		%REC	207749	1	05/22/2015 20:54	NP
Surr: Dibromofluoromethane	101	78.7-124		%REC	207749	50	05/22/2015 15:39	NP
Surr: Dibromofluoromethane	102	78.7-124		%REC	207749	1	05/22/2015 20:54	NP
Surr: Toluene-d8	94.3	81.3-120		%REC	207749	50	05/22/2015 15:39	NP
Surr: Toluene-d8	96.1	81.3-120		%REC	207749	1	05/22/2015 20:54	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-28 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 9:42:00 AM
Lab ID:	1505I89-023	**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	207749	1	05/22/2015 21:16	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 21:16	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 21:16	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 21:16	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 21:16	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 21:16	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 21:16	NP
cis-1,2-Dichloroethene	1500	50		ug/L	207749	10	05/22/2015 16:24	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 21:16	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 21:16	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-28 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015 9:42:00 AM
Lab ID:	1505I89-023	**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	207749	1	05/22/2015 21:16	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Trichloroethene	340	50		ug/L	207749	10	05/22/2015 16:24	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 21:16	NP
Vinyl chloride	10	2.0		ug/L	207749	1	05/22/2015 21:16	NP
Surr: 4-Bromofluorobenzene	88.8	70.6-123		%REC	207749	1	05/22/2015 21:16	NP
Surr: 4-Bromofluorobenzene	95.2	70.6-123		%REC	207749	10	05/22/2015 16:24	NP
Surr: Dibromofluoromethane	101	78.7-124		%REC	207749	10	05/22/2015 16:24	NP
Surr: Dibromofluoromethane	105	78.7-124		%REC	207749	1	05/22/2015 21:16	NP
Surr: Toluene-d8	93.1	81.3-120		%REC	207749	10	05/22/2015 16:24	NP
Surr: Toluene-d8	95.1	81.3-120		%REC	207749	1	05/22/2015 21:16	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-6 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 2:00:00 PM
Lab ID:	1505I89-024	**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	207749	1	05/22/2015 20:09	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 20:09	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 20:09	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 20:09	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 20:09	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 20:09	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 20:09	NP
cis-1,2-Dichloroethene	210	50		ug/L	207749	10	05/26/2015 11:45	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 20:09	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 20:09	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-6 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 2:00:00 PM
Lab ID:	1505I89-024	**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	207749	1	05/22/2015 20:09	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Trichloroethene	8.1	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:09	NP
Vinyl chloride	21	2.0		ug/L	207749	1	05/22/2015 20:09	NP
Surr: 4-Bromofluorobenzene	89.5	70.6-123		%REC	207749	10	05/26/2015 11:45	NP
Surr: 4-Bromofluorobenzene	90.3	70.6-123		%REC	207749	1	05/22/2015 20:09	NP
Surr: Dibromofluoromethane	104	78.7-124		%REC	207749	1	05/22/2015 20:09	NP
Surr: Dibromofluoromethane	105	78.7-124		%REC	207749	10	05/26/2015 11:45	NP
Surr: Toluene-d8	94.9	81.3-120		%REC	207749	1	05/22/2015 20:09	NP
Surr: Toluene-d8	95.2	81.3-120		%REC	207749	10	05/26/2015 11:45	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 **Date:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-7 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 2:05:00 PM
Lab ID:	1505I89-025	**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	207749	1	05/23/2015 18:00	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
2-Butanone	BRL	50		ug/L	207749	1	05/23/2015 18:00	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/23/2015 18:00	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/23/2015 18:00	NP
Acetone	BRL	50		ug/L	207749	1	05/23/2015 18:00	NP
Benzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Chloroethane	BRL	10		ug/L	207749	1	05/23/2015 18:00	NP
Chloroform	5.6	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Chloromethane	BRL	10		ug/L	207749	1	05/23/2015 18:00	NP
cis-1,2-Dichloroethene	16	5.0		ug/L	207749	1	05/23/2015 18:00	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/23/2015 18:00	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Freon-113	BRL	10		ug/L	207749	1	05/23/2015 18:00	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-7 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 2:05:00 PM
Lab ID:	1505I89-025	**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	207749	1	05/23/2015 18:00	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Toluene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Trichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:00	NP
Vinyl chloride	13	2.0		ug/L	207749	1	05/23/2015 18:00	NP
Surr: 4-Bromofluorobenzene	89.5	70.6-123		%REC	207749	1	05/23/2015 18:00	NP
Surr: Dibromofluoromethane	96.5	78.7-124		%REC	207749	1	05/23/2015 18:00	NP
Surr: Toluene-d8	92	81.3-120		%REC	207749	1	05/23/2015 18:00	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-2 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 1:55:00 PM
Lab ID:	1505I89-026	**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	207749	1	05/22/2015 18:39	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 18:39	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 18:39	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 18:39	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 18:39	NP
Benzene	14	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 18:39	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 18:39	NP
cis-1,2-Dichloroethene	480	50		ug/L	207749	10	05/22/2015 16:46	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 18:39	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 18:39	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
m,p-Xylene	120	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
o-Xylene	90	5.0		ug/L	207749	1	05/22/2015 18:39	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-2 (051815)
Project Name:	Lafarge East Point	**Collection Date:**	5/18/2015 1:55:00 PM
Lab ID:	1505I89-026	**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	207749	1	05/22/2015 18:39	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Toluene	260	50		ug/L	207749	10	05/22/2015 16:46	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Trichloroethene	53	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:39	NP
Vinyl chloride	39	2.0		ug/L	207749	1	05/22/2015 18:39	NP
Surr: 4-Bromofluorobenzene	97.5	70.6-123		%REC	207749	1	05/22/2015 18:39	NP
Surr: 4-Bromofluorobenzene	96.6	70.6-123		%REC	207749	10	05/22/2015 16:46	NP
Surr: Dibromofluoromethane	101	78.7-124		%REC	207749	1	05/22/2015 18:39	NP
Surr: Dibromofluoromethane	100	78.7-124		%REC	207749	10	05/22/2015 16:46	NP
Surr: Toluene-d8	93.9	81.3-120		%REC	207749	1	05/22/2015 18:39	NP
Surr: Toluene-d8	94	81.3-120		%REC	207749	10	05/22/2015 16:46	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-3 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 8:30:00 AM
Lab ID:	1505I89-027	**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	207749	1	05/22/2015 17:54	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 17:54	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 17:54	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 17:54	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 17:54	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 17:54	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 17:54	NP
cis-1,2-Dichloroethene	15	5.0		ug/L	207749	1	05/22/2015 17:54	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 17:54	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 17:54	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-3 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 8:30:00 AM
Lab ID:	1505I89-027	**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	207749	1	05/22/2015 17:54	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Trichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 17:54	NP
Vinyl chloride	4.0	2.0		ug/L	207749	1	05/22/2015 17:54	NP
Surr: 4-Bromofluorobenzene	93.2	70.6-123		%REC	207749	1	05/22/2015 17:54	NP
Surr: Dibromofluoromethane	99.2	78.7-124		%REC	207749	1	05/22/2015 17:54	NP
Surr: Toluene-d8	94.6	81.3-120		%REC	207749	1	05/22/2015 17:54	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-4 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 9:05:00 AM
Lab ID:	1505I89-028	**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	207749	1	05/22/2015 18:17	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 18:17	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 18:17	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 18:17	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 18:17	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 18:17	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 18:17	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 18:17	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 18:17	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-4 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 9:05:00 AM
Lab ID:	1505I89-028	**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	207749	1	05/22/2015 18:17	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Trichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 18:17	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/22/2015 18:17	NP
Surr: 4-Bromofluorobenzene	91.7	70.6-123		%REC	207749	1	05/22/2015 18:17	NP
Surr: Dibromofluoromethane	101	78.7-124		%REC	207749	1	05/22/2015 18:17	NP
Surr: Toluene-d8	94	81.3-120		%REC	207749	1	05/22/2015 18:17	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	DUP-01 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015
Lab ID:	1505I89-029	**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	207749	1	05/22/2015 19:02	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 19:02	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 19:02	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 19:02	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 19:02	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 19:02	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 19:02	NP
cis-1,2-Dichloroethene	140	5.0		ug/L	207749	1	05/22/2015 19:02	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 19:02	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 19:02	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	DUP-01 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015
Lab ID:	1505I89-029	**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	207749	1	05/22/2015 19:02	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Trichloroethene	15	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:02	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/22/2015 19:02	NP
Surr: 4-Bromofluorobenzene	90.9	70.6-123		%REC	207749	1	05/22/2015 19:02	NP
Surr: Dibromofluoromethane	103	78.7-124		%REC	207749	1	05/22/2015 19:02	NP
Surr: Toluene-d8	94	81.3-120		%REC	207749	1	05/22/2015 19:02	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 **Date:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	DUP-02 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015
Lab ID:	1505I89-030	**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	207749	1	05/22/2015 19:24	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 19:24	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 19:24	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 19:24	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 19:24	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 19:24	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 19:24	NP
cis-1,2-Dichloroethene	720	50		ug/L	207749	10	05/26/2015 12:08	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 19:24	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 19:24	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	DUP-02 (051915)
Project Name:	Lafarge East Point	**Collection Date:**	5/19/2015
Lab ID:	1505I89-030	**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	207749	1	05/22/2015 19:24	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Trichloroethene	35	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:24	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/22/2015 19:24	NP
Surr: 4-Bromofluorobenzene	90	70.6-123		%REC	207749	1	05/22/2015 19:24	NP
Surr: 4-Bromofluorobenzene	89.9	70.6-123		%REC	207749	10	05/26/2015 12:08	NP
Surr: Dibromofluoromethane	103	78.7-124		%REC	207749	1	05/22/2015 19:24	NP
Surr: Dibromofluoromethane	104	78.7-124		%REC	207749	10	05/26/2015 12:08	NP
Surr: Toluene-d8	92.9	81.3-120		%REC	207749	10	05/26/2015 12:08	NP
Surr: Toluene-d8	95.8	81.3-120		%REC	207749	1	05/22/2015 19:24	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	DUP-03 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015
Lab ID:	1505I89-031	**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	207749	1	05/22/2015 19:46	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 19:46	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 19:46	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 19:46	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 19:46	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 19:46	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 19:46	NP
cis-1,2-Dichloroethene	34	5.0		ug/L	207749	1	05/22/2015 19:46	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 19:46	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 19:46	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	DUP-03 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015
Lab ID:	1505I89-031	**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	207749	1	05/22/2015 19:46	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Trichloroethene	29	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 19:46	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/22/2015 19:46	NP
Surr: 4-Bromofluorobenzene	89.7	70.6-123		%REC	207749	1	05/22/2015 19:46	NP
Surr: Dibromofluoromethane	105	78.7-124		%REC	207749	1	05/22/2015 19:46	NP
Surr: Toluene-d8	94.7	81.3-120		%REC	207749	1	05/22/2015 19:46	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 **Date:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-2 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 10:35:00 AM
Lab ID:	1505I89-032	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Metals by ICP/MS SW6020A					**(SW3005A)**			
Lead	1.25	1.00		ug/L	207771	1	05/27/2015 06:50	JS
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
1,1,1-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 20:31	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 20:31	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 20:31	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 20:31	NP
Benzene	280	50		ug/L	207749	10	05/22/2015 17:09	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 20:31	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 20:31	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Cyclohexane	160	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 20:31	NP
Ethylbenzene	64	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 20:31	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
m,p-Xylene	82	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-2 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 10:35:00 AM
Lab ID:	1505I89-032	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Methylcyclohexane	160	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
o-Xylene	9.3	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Styrene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Toluene	18	5.0		ug/L	207749	1	05/22/2015 20:31	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Trichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 20:31	NP
Vinyl chloride	110	2.0		ug/L	207749	1	05/22/2015 20:31	NP
Surr: 4-Bromofluorobenzene	96	70.6-123		%REC	207749	1	05/22/2015 20:31	NP
Surr: 4-Bromofluorobenzene	96	70.6-123		%REC	207749	10	05/22/2015 17:09	NP
Surr: Dibromofluoromethane	94.9	78.7-124		%REC	207749	1	05/22/2015 20:31	NP
Surr: Dibromofluoromethane	98.3	78.7-124		%REC	207749	10	05/22/2015 17:09	NP
Surr: Toluene-d8	92.9	81.3-120		%REC	207749	1	05/22/2015 20:31	NP
Surr: Toluene-d8	92	81.3-120		%REC	207749	10	05/22/2015 17:09	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-8 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 11:45:00 AM
Lab ID:	1505I89-033	**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	207749	1	05/26/2015 15:08	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
2-Butanone	BRL	50		ug/L	207749	1	05/26/2015 15:08	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/26/2015 15:08	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/26/2015 15:08	NP
Acetone	BRL	50		ug/L	207749	1	05/26/2015 15:08	NP
Benzene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Chloroethane	BRL	10		ug/L	207749	1	05/26/2015 15:08	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Chloromethane	BRL	10		ug/L	207749	1	05/26/2015 15:08	NP
cis-1,2-Dichloroethene	830	50		ug/L	207749	10	05/26/2015 12:30	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/26/2015 15:08	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Freon-113	BRL	10		ug/L	207749	1	05/26/2015 15:08	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	RW-8 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 11:45:00 AM
Lab ID:	1505I89-033	**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	207749	1	05/26/2015 15:08	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Toluene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Trichloroethene	410	50		ug/L	207749	10	05/26/2015 12:30	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/26/2015 15:08	NP
Vinyl chloride	4.9	2.0		ug/L	207749	1	05/26/2015 15:08	NP
Surr: 4-Bromofluorobenzene	89	70.6-123		%REC	207749	1	05/26/2015 15:08	NP
Surr: 4-Bromofluorobenzene	88.6	70.6-123		%REC	207749	10	05/26/2015 12:30	NP
Surr: Dibromofluoromethane	104	78.7-124		%REC	207749	10	05/26/2015 12:30	NP
Surr: Dibromofluoromethane	107	78.7-124		%REC	207749	1	05/26/2015 15:08	NP
Surr: Toluene-d8	95.9	81.3-120		%REC	207749	1	05/26/2015 15:08	NP
Surr: Toluene-d8	94.4	81.3-120		%REC	207749	10	05/26/2015 12:30	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 **Date:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-3 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 1:20:00 PM
Lab ID:	1505I89-034	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Metals by ICP/MS SW6020A					**(SW3005A)**			
Lead	4.91	1.00		ug/L	207771	5	05/29/2015 14:11	JS
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
1,1,1-Trichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
2-Butanone	BRL	50		ug/L	207749	1	05/23/2015 18:24	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/23/2015 18:24	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/23/2015 18:24	NP
Acetone	BRL	50		ug/L	207749	1	05/23/2015 18:24	NP
Benzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Chloroethane	BRL	10		ug/L	207749	1	05/23/2015 18:24	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Chloromethane	BRL	10		ug/L	207749	1	05/23/2015 18:24	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/23/2015 18:24	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Freon-113	BRL	10		ug/L	207749	1	05/23/2015 18:24	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-3 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 1:20:00 PM
Lab ID:	1505I89-034	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Styrene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Toluene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Trichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:24	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/23/2015 18:24	NP
Surr: 4-Bromofluorobenzene	87.9	70.6-123		%REC	207749	1	05/23/2015 18:24	NP
Surr: Dibromofluoromethane	99.7	78.7-124		%REC	207749	1	05/23/2015 18:24	NP
Surr: Toluene-d8	93.9	81.3-120		%REC	207749	1	05/23/2015 18:24	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	EB-01 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 2:02:00 PM
Lab ID:	1505I89-035	**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	207749	1	05/22/2015 12:15	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 12:15	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 12:15	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 12:15	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 12:15	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 12:15	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 12:15	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 12:15	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 12:15	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	EB-01 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 2:02:00 PM
Lab ID:	1505I89-035	**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	207749	1	05/22/2015 12:15	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Trichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:15	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/22/2015 12:15	NP
Surr: 4-Bromofluorobenzene	86.6	70.6-123		%REC	207749	1	05/22/2015 12:15	NP
Surr: Dibromofluoromethane	104	78.7-124		%REC	207749	1	05/22/2015 12:15	NP
Surr: Toluene-d8	96.2	81.3-120		%REC	207749	1	05/22/2015 12:15	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	TRIP BLANK (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015
Lab ID:	1505I89-036	**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	207749	1	05/22/2015 12:38	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
2-Butanone	BRL	50		ug/L	207749	1	05/22/2015 12:38	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/22/2015 12:38	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/22/2015 12:38	NP
Acetone	BRL	50		ug/L	207749	1	05/22/2015 12:38	NP
Benzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Chloroethane	BRL	10		ug/L	207749	1	05/22/2015 12:38	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Chloromethane	BRL	10		ug/L	207749	1	05/22/2015 12:38	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/22/2015 12:38	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Freon-113	BRL	10		ug/L	207749	1	05/22/2015 12:38	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	TRIP BLANK (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015
Lab ID:	1505I89-036	**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	207749	1	05/22/2015 12:38	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Toluene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Trichloroethene	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/22/2015 12:38	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/22/2015 12:38	NP
Surr: 4-Bromofluorobenzene	90.1	70.6-123		%REC	207749	1	05/22/2015 12:38	NP
Surr: Dibromofluoromethane	105	78.7-124		%REC	207749	1	05/22/2015 12:38	NP
Surr: Toluene-d8	94.5	81.3-120		%REC	207749	1	05/22/2015 12:38	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-9 (0520105)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 9:32:00 AM
Lab ID:	1505I89-037	**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	207749	1	05/23/2015 18:48	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
2-Butanone	BRL	50		ug/L	207749	1	05/23/2015 18:48	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/23/2015 18:48	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/23/2015 18:48	NP
Acetone	BRL	50		ug/L	207749	1	05/23/2015 18:48	NP
Benzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Chloroethane	BRL	10		ug/L	207749	1	05/23/2015 18:48	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Chloromethane	BRL	10		ug/L	207749	1	05/23/2015 18:48	NP
cis-1,2-Dichloroethene	64	5.0		ug/L	207749	1	05/23/2015 18:48	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/23/2015 18:48	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Freon-113	BRL	10		ug/L	207749	1	05/23/2015 18:48	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-9 (0520105)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 9:32:00 AM
Lab ID:	1505I89-037	**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	207749	1	05/23/2015 18:48	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Toluene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Trichloroethene	56	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/23/2015 18:48	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/23/2015 18:48	NP
Surr: 4-Bromofluorobenzene	85.6	70.6-123		%REC	207749	1	05/23/2015 18:48	NP
Surr: Dibromofluoromethane	102	78.7-124		%REC	207749	1	05/23/2015 18:48	NP
Surr: Toluene-d8	95.7	81.3-120		%REC	207749	1	05/23/2015 18:48	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
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- 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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-20 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 8:57:00 AM
Lab ID:	1505I89-038	**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	207749	1	05/23/2015 19:12	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,1-Dichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,1-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,2-Dibromoethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,2-Dichloroethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,2-Dichloropropane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
2-Butanone	BRL	50		ug/L	207749	1	05/23/2015 19:12	NP
2-Hexanone	BRL	10		ug/L	207749	1	05/23/2015 19:12	NP
4-Methyl-2-pentanone	BRL	10		ug/L	207749	1	05/23/2015 19:12	NP
Acetone	BRL	50		ug/L	207749	1	05/23/2015 19:12	NP
Benzene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Bromodichloromethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Bromoform	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Bromomethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Carbon disulfide	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Carbon tetrachloride	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Chlorobenzene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Chloroethane	BRL	10		ug/L	207749	1	05/23/2015 19:12	NP
Chloroform	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Chloromethane	BRL	10		ug/L	207749	1	05/23/2015 19:12	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Cyclohexane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Dibromochloromethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Dichlorodifluoromethane	BRL	10		ug/L	207749	1	05/23/2015 19:12	NP
Ethylbenzene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Freon-113	BRL	10		ug/L	207749	1	05/23/2015 19:12	NP
Isopropylbenzene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
m,p-Xylene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Methyl acetate	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Methylcyclohexane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Methylene chloride	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
o-Xylene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-20 (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 8:57:00 AM
Lab ID:	1505I89-038	**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	207749	1	05/23/2015 19:12	NP
Tetrachloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Toluene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Trichloroethene	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Trichlorofluoromethane	BRL	5.0		ug/L	207749	1	05/23/2015 19:12	NP
Vinyl chloride	BRL	2.0		ug/L	207749	1	05/23/2015 19:12	NP
Surr: 4-Bromofluorobenzene	86.8	70.6-123		%REC	207749	1	05/23/2015 19:12	NP
Surr: Dibromofluoromethane	101	78.7-124		%REC	207749	1	05/23/2015 19:12	NP
Surr: Toluene-d8	96.1	81.3-120		%REC	207749	1	05/23/2015 19:12	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.

Sample/Cooler Receipt Checklist

Client Arcadis Work Order Number 1505189

Checklist completed by Katie Fortunn 5/6/15
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 3.1 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 ~~✓~~ KF 5/21 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? KF Checked by KF

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.

Client: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207749

Sample ID: **MB-207749**	Client ID:		Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292305**
SampleType: **MBLK**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207749**	Analysis Date: **05/21/2015**	Seq No: **6223448**

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207749

Sample ID: **MB-207749** Client ID: Units: **ug/L** Prep Date: **05/21/2015** Run No: **292305**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **207749** Analysis Date: **05/21/2015** Seq No: **6223448**

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	45.43	0	50.00		90.9	70.6	123				
Surr: Dibromofluoromethane	50.33	0	50.00		101	78.7	124				
Surr: Toluene-d8	46.14	0	50.00		92.3	81.3	120				

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207749

Sample ID: **LCS-207749**	Client ID:		Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292305**
SampleType: **LCS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207749**	Analysis Date: **05/21/2015**	Seq No: **6223447**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	47.47	5.0	50.00		94.9	64.2	137				
Benzene	44.13	5.0	50.00		88.3	72.8	128				
Chlorobenzene	47.33	5.0	50.00		94.7	72.3	126				
Toluene	43.21	5.0	50.00		86.4	74.9	127				
Trichloroethene	43.97	5.0	50.00		87.9	70.5	134				
Surr: 4-Bromofluorobenzene	45.42	0	50.00		90.8	70.6	123				
Surr: Dibromofluoromethane	49.65	0	50.00		99.3	78.7	124				
Surr: Toluene-d8	47.09	0	50.00		94.2	81.3	120				

Sample ID: **1505I88-001AMS**	Client ID:		Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292305**
SampleType: **MS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207749**	Analysis Date: **05/21/2015**	Seq No: **6223450**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.98	5.0	50.00		114	60.5	156				
Benzene	51.07	5.0	50.00		102	70	135				
Chlorobenzene	55.04	5.0	50.00		110	70.5	132				
Toluene	51.39	5.0	50.00		103	70.5	137				
Trichloroethene	49.94	5.0	50.00		99.9	71.8	139				
Surr: 4-Bromofluorobenzene	44.66	0	50.00		89.3	70.6	123				
Surr: Dibromofluoromethane	49.53	0	50.00		99.1	78.7	124				
Surr: Toluene-d8	46.31	0	50.00		92.6	81.3	120				

Sample ID: **1505I88-001AMSD**	Client ID:		Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292305**
SampleType: **MSD**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207749**	Analysis Date: **05/21/2015**	Seq No: **6223451**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.58	5.0	50.00		113	60.5	156	56.98	0.704	20	
Benzene	50.43	5.0	50.00		101	70	135	51.07	1.26	20	

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207749

Sample ID: **1505I88-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **05/21/2015** Run No: **292305**
BatchID: **207749** Analysis Date: **05/21/2015** Seq No: **6223451**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	54.30	5.0	50.00		109	70.5	132	55.04	1.35	20	
Toluene	51.07	5.0	50.00		102	70.5	137	51.39	0.625	20	
Trichloroethene	49.60	5.0	50.00		99.2	71.8	139	49.94	0.683	20	
Surr: 4-Bromofluorobenzene	43.87	0	50.00		87.7	70.6	123	44.66	0	0	
Surr: Dibromofluoromethane	50.27	0	50.00		101	78.7	124	49.53	0	0	
Surr: Toluene-d8	46.70	0	50.00		93.4	81.3	120	46.31	0	0	

Client: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207771

Sample ID: **MB-207771**	Client ID:			Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292661**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS** **SW6020A**			BatchID: **207771**	Analysis Date: **05/27/2015**	Seq No: **6231077**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00									

Sample ID: **LCS-207771**	Client ID:			Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292661**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS** **SW6020A**			BatchID: **207771**	Analysis Date: **05/27/2015**	Seq No: **6231076**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	95.33	1.00	100.0		95.3	80	120				

Sample ID: **1505I29-003BMS**	Client ID:			Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292661**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS** **SW6020A**			BatchID: **207771**	Analysis Date: **05/27/2015**	Seq No: **6231079**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	93.01	1.00	100.0		93.0	75	125				

Sample ID: **1505I29-003BMSD**	Client ID:			Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292661**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS** **SW6020A**			BatchID: **207771**	Analysis Date: **05/27/2015**	Seq No: **6231080**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	90.00	1.00	100.0		90.0	75	125	93.01	3.29	20	

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207797

Sample ID: **MB-207797** Client ID: Units: **ug/L** Prep Date: **05/21/2015** Run No: **292383**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **207797** Analysis Date: **05/21/2015** Seq No: **6224492**

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207797

Sample ID: **MB-207797** Client ID: Units: **ug/L** Prep Date: **05/21/2015** Run No: **292383**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **207797** Analysis Date: **05/21/2015** Seq No: **6224492**

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	46.05	0	50.00		92.1	70.6	123				
Surr: Dibromofluoromethane	44.06	0	50.00		88.1	78.7	124				
Surr: Toluene-d8	48.85	0	50.00		97.7	81.3	120				

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207797

Sample ID: **LCS-207797**	Client ID:		Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292383**
SampleType: **LCS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207797**	Analysis Date: **05/22/2015**	Seq No: **6224517**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	48.68	5.0	50.00		97.4	64.2	137				
Benzene	46.45	5.0	50.00		92.9	72.8	128				
Chlorobenzene	44.45	5.0	50.00		88.9	72.3	126				
Toluene	47.07	5.0	50.00		94.1	74.9	127				
Trichloroethene	45.84	5.0	50.00		91.7	70.5	134				
Surr: 4-Bromofluorobenzene	47.14	0	50.00		94.3	70.6	123				
Surr: Dibromofluoromethane	47.63	0	50.00		95.3	78.7	124				
Surr: Toluene-d8	49.58	0	50.00		99.2	81.3	120				

Sample ID: **1505I89-016AMS**	Client ID: **MW-32 (051515)**		Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292383**
SampleType: **MS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207797**	Analysis Date: **05/21/2015**	Seq No: **6224494**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	258400	25000	250000		103	60.5	156				
Benzene	237800	25000	250000		95.1	70	135				
Chlorobenzene	229300	25000	250000		91.7	70.5	132				
Toluene	241200	25000	250000		96.5	70.5	137				
Trichloroethene	318800	25000	250000	84250	93.8	71.8	139				
Surr: 4-Bromofluorobenzene	229900	0	250000		92.0	70.6	123				
Surr: Dibromofluoromethane	224500	0	250000		89.8	78.7	124				
Surr: Toluene-d8	241500	0	250000		96.6	81.3	120				

Sample ID: **1505I89-016AMSD**	Client ID: **MW-32 (051515)**		Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292383**
SampleType: **MSD**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207797**	Analysis Date: **05/21/2015**	Seq No: **6224495**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	260400	25000	250000		104	60.5	156	258400	0.752	20	
Benzene	242800	25000	250000		97.1	70	135	237800	2.08	20	

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505I89

ANALYTICAL QC SUMMARY REPORT

BatchID: 207797

Sample ID: **1505I89-016AMSD** Client ID: **MW-32 (051515)** Units: **ug/L** Prep Date: **05/21/2015** Run No: **292383**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **207797** Analysis Date: **05/21/2015** Seq No: **6224495**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	235800	25000	250000		94.3	70.5	132	229300	2.80	20	
Toluene	242100	25000	250000		96.8	70.5	137	241200	0.393	20	
Trichloroethene	328200	25000	250000	84250	97.6	71.8	139	318800	2.91	20	
Surr: 4-Bromofluorobenzene	233700	0	250000		93.5	70.6	123	229900	0	0	
Surr: Dibromofluoromethane	223100	0	250000		89.2	78.7	124	224500	0	0	
Surr: Toluene-d8	243300	0	250000		97.3	81.3	120	241500	0	0	

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 29, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge East Point

Dear Greg Sitomer: Order No: 1505K14

Analytical Environmental Services, Inc. received 10 samples on 5/21/2015 12:55:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1505K14

Date: 5/21/15 Page 1 of 1

COMPANY: ARCADIS

ADDRESS: 1000 Cobb Place Blvd Bldg 500-A Kennesaw, GA 30144

PHONE: (770) 428-9009

FAX:

SAMPLED BY: Mark Myers

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED: VOC	Methane	PRESERVATION (See codes): H+I	N	REMARKS	No # of Containers
1	MW-33 (052115)	5/21/15	0802	X		GW			2			2
2	MW-35 (052115)	5/21/15	0842	X		GW			2			2
3	MW-5R (052015)	5/20/15	1417	X		GW			2	1		5
4	MW-4 (052015)	5/20/15	1615	X		GW			2	1		3
5	MW-34 (052115)	5/21/15	0925	X		GW			2		Hold Sample until further notice	2
6	MW-25 (052115)	5/21/15	1020	X		GW			2			2
7	MW-21 (052115)	5/21/15	1155	X		GW			2			2
8	MW-8 (052115)	5/21/15	1122	X		GW			2			2
9	EB-02 (052115)	5/21/15	1200	X		GW			2			2
10	TB-02 (052115)	5/21/15	—	X		W			3			3
11												23
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: Mark Myers	5-21-15/1255	1: Angie Sellers	5/21/15 12:55
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 East Point
PROJECT #: HTZ12496
SITE ADDRESS: 2676 RN Marten St East Point, GA
SEND REPORT TO: Greg Sitzmer
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 23

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 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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-33 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 8:02:00 AM
Lab ID:	1505K14-001	**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	207929	1	05/23/2015 21:09	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,1-Dichloroethene	5.4	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
2-Butanone	BRL	50		ug/L	207929	1	05/23/2015 21:09	CH
2-Hexanone	30	10		ug/L	207929	1	05/23/2015 21:09	CH
4-Methyl-2-pentanone	58	10		ug/L	207929	1	05/23/2015 21:09	CH
Acetone	56	50		ug/L	207929	1	05/23/2015 21:09	CH
Benzene	21	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Chloroethane	BRL	10		ug/L	207929	1	05/23/2015 21:09	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Chloromethane	BRL	10		ug/L	207929	1	05/23/2015 21:09	CH
cis-1,2-Dichloroethene	4500	250		ug/L	207929	50	05/23/2015 14:05	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Cyclohexane	110	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/23/2015 21:09	CH
Ethylbenzene	290	250		ug/L	207929	50	05/23/2015 14:05	CH
Freon-113	BRL	10		ug/L	207929	1	05/23/2015 21:09	CH
Isopropylbenzene	6.7	5.0		ug/L	207929	1	05/23/2015 21:09	CH
m,p-Xylene	1300	250		ug/L	207929	50	05/23/2015 14:05	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Methylcyclohexane	110	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
o-Xylene	730	250		ug/L	207929	50	05/23/2015 14:05	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-33 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 8:02:00 AM
Lab ID:	1505K14-001	**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	207929	1	05/23/2015 21:09	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Toluene	12000	500		ug/L	207929	100	05/27/2015 00:09	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Trichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/23/2015 21:09	CH
Vinyl chloride	15	2.0		ug/L	207929	1	05/23/2015 21:09	CH
Surr: 4-Bromofluorobenzene	93.2	70.6-123		%REC	207929	50	05/23/2015 14:05	CH
Surr: 4-Bromofluorobenzene	92.6	70.6-123		%REC	207929	100	05/27/2015 00:09	CH
Surr: 4-Bromofluorobenzene	108	70.6-123		%REC	207929	1	05/23/2015 21:09	CH
Surr: Dibromofluoromethane	100	78.7-124		%REC	207929	50	05/23/2015 14:05	CH
Surr: Dibromofluoromethane	90.3	78.7-124		%REC	207929	1	05/23/2015 21:09	CH
Surr: Dibromofluoromethane	111	78.7-124		%REC	207929	100	05/27/2015 00:09	CH
Surr: Toluene-d8	90.9	81.3-120		%REC	207929	50	05/23/2015 14:05	CH
Surr: Toluene-d8	92.6	81.3-120		%REC	207929	100	05/27/2015 00:09	CH
Surr: Toluene-d8	99.7	81.3-120		%REC	207929	1	05/23/2015 21:09	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-35 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 8:42:00 AM
Lab ID:	1505K14-002	**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	207929	1	05/27/2015 01:18	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,1-Dichloroethene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
2-Butanone	BRL	50		ug/L	207929	1	05/27/2015 01:18	CH
2-Hexanone	BRL	10		ug/L	207929	1	05/27/2015 01:18	CH
4-Methyl-2-pentanone	BRL	10		ug/L	207929	1	05/27/2015 01:18	CH
Acetone	BRL	50		ug/L	207929	1	05/27/2015 01:18	CH
Benzene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Chloroethane	BRL	10		ug/L	207929	1	05/27/2015 01:18	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Chloromethane	BRL	10		ug/L	207929	1	05/27/2015 01:18	CH
cis-1,2-Dichloroethene	230	50		ug/L	207929	10	05/27/2015 18:39	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Cyclohexane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/27/2015 01:18	CH
Ethylbenzene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Freon-113	BRL	10		ug/L	207929	1	05/27/2015 01:18	CH
Isopropylbenzene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
m,p-Xylene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Methylcyclohexane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
o-Xylene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-35 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 8:42:00 AM
Lab ID:	1505K14-002	**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	207929	1	05/27/2015 01:18	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Toluene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Trichloroethene	12000	500		ug/L	207929	100	05/23/2015 12:30	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/27/2015 01:18	CH
Vinyl chloride	BRL	2.0		ug/L	207929	1	05/27/2015 01:18	CH
Surr: 4-Bromofluorobenzene	78.1	70.6-123		%REC	207929	10	05/27/2015 18:39	CH
Surr: 4-Bromofluorobenzene	78.1	70.6-123		%REC	207929	100	05/23/2015 12:30	CH
Surr: 4-Bromofluorobenzene	82.3	70.6-123		%REC	207929	1	05/27/2015 01:18	CH
Surr: Dibromofluoromethane	101	78.7-124		%REC	207929	1	05/27/2015 01:18	CH
Surr: Dibromofluoromethane	100	78.7-124		%REC	207929	100	05/23/2015 12:30	CH
Surr: Dibromofluoromethane	104	78.7-124		%REC	207929	10	05/27/2015 18:39	CH
Surr: Toluene-d8	89	81.3-120		%REC	207929	100	05/23/2015 12:30	CH
Surr: Toluene-d8	92.9	81.3-120		%REC	207929	10	05/27/2015 18:39	CH
Surr: Toluene-d8	94.9	81.3-120		%REC	207929	1	05/27/2015 01:18	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- 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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-5R (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 2:17:00 PM
Lab ID:	1505K14-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Metals by ICP/MS SW6020A					**(SW3005A)**			
Lead	BRL	1.00		ug/L	207771	1	05/27/2015 07:01	JS
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
1,1,1-Trichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,1-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
2-Butanone	BRL	50		ug/L	207929	1	05/23/2015 16:26	CH
2-Hexanone	BRL	10		ug/L	207929	1	05/23/2015 16:26	CH
4-Methyl-2-pentanone	BRL	10		ug/L	207929	1	05/23/2015 16:26	CH
Acetone	BRL	50		ug/L	207929	1	05/23/2015 16:26	CH
Benzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Chloroethane	BRL	10		ug/L	207929	1	05/23/2015 16:26	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Chloromethane	BRL	10		ug/L	207929	1	05/23/2015 16:26	CH
cis-1,2-Dichloroethene	190	50		ug/L	207929	10	05/27/2015 00:32	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Cyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/23/2015 16:26	CH
Ethylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Freon-113	BRL	10		ug/L	207929	1	05/23/2015 16:26	CH
Isopropylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
m,p-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-5R (052015)
Project Name:	Lafarge East Point	**Collection Date:**	5/20/2015 2:17:00 PM
Lab ID:	1505K14-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Methylcyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
o-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Styrene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Toluene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Trichloroethene	17	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:26	CH
Vinyl chloride	6.5	2.0		ug/L	207929	1	05/23/2015 16:26	CH
Surr: 4-Bromofluorobenzene	77.6	70.6-123		%REC	207929	10	05/27/2015 00:32	CH
Surr: 4-Bromofluorobenzene	87.1	70.6-123		%REC	207929	1	05/23/2015 16:26	CH
Surr: Dibromofluoromethane	100	78.7-124		%REC	207929	1	05/23/2015 16:26	CH
Surr: Dibromofluoromethane	103	78.7-124		%REC	207929	10	05/27/2015 00:32	CH
Surr: Toluene-d8	85.1	81.3-120		%REC	207929	10	05/27/2015 00:32	CH
Surr: Toluene-d8	93.4	81.3-120		%REC	207929	1	05/23/2015 16:26	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-34 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 9:25:00 AM
Lab ID:	1505K14-005	**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	207929	1	05/23/2015 16:50	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,1-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
2-Butanone	BRL	50		ug/L	207929	1	05/23/2015 16:50	CH
2-Hexanone	BRL	10		ug/L	207929	1	05/23/2015 16:50	CH
4-Methyl-2-pentanone	BRL	10		ug/L	207929	1	05/23/2015 16:50	CH
Acetone	BRL	50		ug/L	207929	1	05/23/2015 16:50	CH
Benzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Chloroethane	BRL	10		ug/L	207929	1	05/23/2015 16:50	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Chloromethane	BRL	10		ug/L	207929	1	05/23/2015 16:50	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Cyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/23/2015 16:50	CH
Ethylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Freon-113	BRL	10		ug/L	207929	1	05/23/2015 16:50	CH
Isopropylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
m,p-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Methylcyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
o-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-34 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 9:25:00 AM
Lab ID:	1505K14-005	**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	207929	1	05/23/2015 16:50	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Toluene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Trichloroethene	120	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:50	CH
Vinyl chloride	BRL	2.0		ug/L	207929	1	05/23/2015 16:50	CH
Surr: 4-Bromofluorobenzene	83.3	70.6-123		%REC	207929	1	05/23/2015 16:50	CH
Surr: Dibromofluoromethane	110	78.7-124		%REC	207929	1	05/23/2015 16:50	CH
Surr: Toluene-d8	96.3	81.3-120		%REC	207929	1	05/23/2015 16:50	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-25 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 10:20:00 AM
Lab ID:	1505K14-006	**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	207929	1	05/23/2015 15:16	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,1-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
2-Butanone	BRL	50		ug/L	207929	1	05/23/2015 15:16	CH
2-Hexanone	BRL	10		ug/L	207929	1	05/23/2015 15:16	CH
4-Methyl-2-pentanone	BRL	10		ug/L	207929	1	05/23/2015 15:16	CH
Acetone	BRL	50		ug/L	207929	1	05/23/2015 15:16	CH
Benzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Chloroethane	BRL	10		ug/L	207929	1	05/23/2015 15:16	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Chloromethane	BRL	10		ug/L	207929	1	05/23/2015 15:16	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Cyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/23/2015 15:16	CH
Ethylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Freon-113	BRL	10		ug/L	207929	1	05/23/2015 15:16	CH
Isopropylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
m,p-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Methylcyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
o-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-25 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 10:20:00 AM
Lab ID:	1505K14-006	**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	207929	1	05/23/2015 15:16	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Toluene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Trichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:16	CH
Vinyl chloride	BRL	2.0		ug/L	207929	1	05/23/2015 15:16	CH
Surr: 4-Bromofluorobenzene	87.4	70.6-123		%REC	207929	1	05/23/2015 15:16	CH
Surr: Dibromofluoromethane	97.9	78.7-124		%REC	207929	1	05/23/2015 15:16	CH
Surr: Toluene-d8	92.1	81.3-120		%REC	207929	1	05/23/2015 15:16	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-21 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 11:55:00 AM
Lab ID:	1505K14-007	**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	207929	1	05/27/2015 00:55	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,1-Dichloroethene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
2-Butanone	BRL	50		ug/L	207929	1	05/27/2015 00:55	CH
2-Hexanone	BRL	10		ug/L	207929	1	05/27/2015 00:55	CH
4-Methyl-2-pentanone	BRL	10		ug/L	207929	1	05/27/2015 00:55	CH
Acetone	BRL	50		ug/L	207929	1	05/27/2015 00:55	CH
Benzene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Chloroethane	BRL	10		ug/L	207929	1	05/27/2015 00:55	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Chloromethane	BRL	10		ug/L	207929	1	05/27/2015 00:55	CH
cis-1,2-Dichloroethene	1300	500		ug/L	207929	100	05/23/2015 13:41	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Cyclohexane	24	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/27/2015 00:55	CH
Ethylbenzene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Freon-113	BRL	10		ug/L	207929	1	05/27/2015 00:55	CH
Isopropylbenzene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
m,p-Xylene	5.6	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Methylcyclohexane	90	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
o-Xylene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-21 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 11:55:00 AM
Lab ID:	1505K14-007	**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	207929	1	05/27/2015 00:55	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Toluene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Trichloroethene	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/27/2015 00:55	CH
Vinyl chloride	34	2.0		ug/L	207929	1	05/27/2015 00:55	CH
Surr: 4-Bromofluorobenzene	83.5	70.6-123		%REC	207929	100	05/23/2015 13:41	CH
Surr: 4-Bromofluorobenzene	90.9	70.6-123		%REC	207929	1	05/27/2015 00:55	CH
Surr: Dibromofluoromethane	97.2	78.7-124		%REC	207929	1	05/27/2015 00:55	CH
Surr: Dibromofluoromethane	101	78.7-124		%REC	207929	100	05/23/2015 13:41	CH
Surr: Toluene-d8	87.2	81.3-120		%REC	207929	100	05/23/2015 13:41	CH
Surr: Toluene-d8	89.3	81.3-120		%REC	207929	1	05/27/2015 00:55	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-8 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 11:22:00 AM
Lab ID:	1505K14-008	**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	207929	1	05/23/2015 15:39	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,1-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
2-Butanone	BRL	50		ug/L	207929	1	05/23/2015 15:39	CH
2-Hexanone	BRL	10		ug/L	207929	1	05/23/2015 15:39	CH
4-Methyl-2-pentanone	BRL	10		ug/L	207929	1	05/23/2015 15:39	CH
Acetone	BRL	50		ug/L	207929	1	05/23/2015 15:39	CH
Benzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Chloroethane	BRL	10		ug/L	207929	1	05/23/2015 15:39	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Chloromethane	BRL	10		ug/L	207929	1	05/23/2015 15:39	CH
cis-1,2-Dichloroethene	8.7	5.0		ug/L	207929	1	05/23/2015 15:39	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Cyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/23/2015 15:39	CH
Ethylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Freon-113	BRL	10		ug/L	207929	1	05/23/2015 15:39	CH
Isopropylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
m,p-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Methylcyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
o-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	MW-8 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 11:22:00 AM
Lab ID:	1505K14-008	**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	207929	1	05/23/2015 15:39	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Toluene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Trichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/23/2015 15:39	CH
Vinyl chloride	15	2.0		ug/L	207929	1	05/23/2015 15:39	CH
Surr: 4-Bromofluorobenzene	79.6	70.6-123		%REC	207929	1	05/23/2015 15:39	CH
Surr: Dibromofluoromethane	99.7	78.7-124		%REC	207929	1	05/23/2015 15:39	CH
Surr: Toluene-d8	88.6	81.3-120		%REC	207929	1	05/23/2015 15:39	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	EB-02 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 12:00:00 PM
Lab ID:	1505K14-009	**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	207929	1	05/23/2015 16:03	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,1-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
2-Butanone	BRL	50		ug/L	207929	1	05/23/2015 16:03	CH
2-Hexanone	BRL	10		ug/L	207929	1	05/23/2015 16:03	CH
4-Methyl-2-pentanone	BRL	10		ug/L	207929	1	05/23/2015 16:03	CH
Acetone	BRL	50		ug/L	207929	1	05/23/2015 16:03	CH
Benzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Chloroethane	BRL	10		ug/L	207929	1	05/23/2015 16:03	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Chloromethane	BRL	10		ug/L	207929	1	05/23/2015 16:03	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Cyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/23/2015 16:03	CH
Ethylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Freon-113	BRL	10		ug/L	207929	1	05/23/2015 16:03	CH
Isopropylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
m,p-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Methylcyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
o-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	EB-02 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015 12:00:00 PM
Lab ID:	1505K14-009	**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	207929	1	05/23/2015 16:03	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Toluene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Trichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/23/2015 16:03	CH
Vinyl chloride	BRL	2.0		ug/L	207929	1	05/23/2015 16:03	CH
Surr: 4-Bromofluorobenzene	82.5	70.6-123		%REC	207929	1	05/23/2015 16:03	CH
Surr: Dibromofluoromethane	103	78.7-124		%REC	207929	1	05/23/2015 16:03	CH
Surr: Toluene-d8	92.4	81.3-120		%REC	207929	1	05/23/2015 16:03	CH

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
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- 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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	TB-02 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015
Lab ID:	1505K14-010	**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	207929	1	05/23/2015 12:06	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,1-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,1-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,2-Dibromoethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,2-Dichloroethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,2-Dichloropropane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
2-Butanone	BRL	50		ug/L	207929	1	05/23/2015 12:06	CH
2-Hexanone	BRL	10		ug/L	207929	1	05/23/2015 12:06	CH
4-Methyl-2-pentanone	BRL	10		ug/L	207929	1	05/23/2015 12:06	CH
Acetone	BRL	50		ug/L	207929	1	05/23/2015 12:06	CH
Benzene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Bromodichloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Bromoform	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Bromomethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Carbon disulfide	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Carbon tetrachloride	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Chlorobenzene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Chloroethane	BRL	10		ug/L	207929	1	05/23/2015 12:06	CH
Chloroform	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Chloromethane	BRL	10		ug/L	207929	1	05/23/2015 12:06	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Cyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Dibromochloromethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Dichlorodifluoromethane	BRL	10		ug/L	207929	1	05/23/2015 12:06	CH
Ethylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Freon-113	BRL	10		ug/L	207929	1	05/23/2015 12:06	CH
Isopropylbenzene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
m,p-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Methyl acetate	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Methylcyclohexane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Methylene chloride	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
o-Xylene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH

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:** 29-May-15

Client:	Arcadis	**Client Sample ID:**	TB-02 (052115)
Project Name:	Lafarge East Point	**Collection Date:**	5/21/2015
Lab ID:	1505K14-010	**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	207929	1	05/23/2015 12:06	CH
Tetrachloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Toluene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Trichloroethene	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Trichlorofluoromethane	BRL	5.0		ug/L	207929	1	05/23/2015 12:06	CH
Vinyl chloride	BRL	2.0		ug/L	207929	1	05/23/2015 12:06	CH
Surr: 4-Bromofluorobenzene	80.4	70.6-123		%REC	207929	1	05/23/2015 12:06	CH
Surr: Dibromofluoromethane	104	78.7-124		%REC	207929	1	05/23/2015 12:06	CH
Surr: Toluene-d8	89.4	81.3-120		%REC	207929	1	05/23/2015 12:06	CH

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.

Sample/Cooler Receipt Checklist

Client Arcadis Work Order Number 1505K14

Checklist completed by Signature Date 5/21/15

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 3.9 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 MS

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505K14

ANALYTICAL QC SUMMARY REPORT

BatchID: 207771

Sample ID: **MB-207771**	Client ID:			Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292661**
SampleType: **MBLK**	TestCode: **Total Metals by ICP/MS** **SW6020A**			BatchID: **207771**	Analysis Date: **05/27/2015**	Seq No: **6231077**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	1.00									

Sample ID: **LCS-207771**	Client ID:			Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292661**
SampleType: **LCS**	TestCode: **Total Metals by ICP/MS** **SW6020A**			BatchID: **207771**	Analysis Date: **05/27/2015**	Seq No: **6231076**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	95.33	1.00	100.0		95.3	80	120				

Sample ID: **1505I29-003BMS**	Client ID:			Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292661**
SampleType: **MS**	TestCode: **Total Metals by ICP/MS** **SW6020A**			BatchID: **207771**	Analysis Date: **05/27/2015**	Seq No: **6231079**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	93.01	1.00	100.0		93.0	75	125				

Sample ID: **1505I29-003BMSD**	Client ID:			Units: **ug/L**	Prep Date: **05/21/2015**	Run No: **292661**
SampleType: **MSD**	TestCode: **Total Metals by ICP/MS** **SW6020A**			BatchID: **207771**	Analysis Date: **05/27/2015**	Seq No: **6231080**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	90.00	1.00	100.0		90.0	75	125	93.01	3.29	20	

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505K14

ANALYTICAL QC SUMMARY REPORT

BatchID: 207929

Sample ID: **MB-207929** Client ID: Units: **ug/L** Prep Date: **05/23/2015** Run No: **292485**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **207929** Analysis Date: **05/23/2015** Seq No: **6228728**

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505K14

ANALYTICAL QC SUMMARY REPORT

BatchID: 207929

Sample ID: **MB-207929** Client ID: Units: **ug/L** Prep Date: **05/23/2015** Run No: **292485**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **207929** Analysis Date: **05/23/2015** Seq No: **6228728**

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	39.24	0	50.00		78.5	70.6	123				
Surr: Dibromofluoromethane	53.07	0	50.00		106	78.7	124				
Surr: Toluene-d8	45.23	0	50.00		90.5	81.3	120				

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505K14

ANALYTICAL QC SUMMARY REPORT

BatchID: 207929

Sample ID: **LCS-207929**	Client ID:		Units: **ug/L**	Prep Date: **05/23/2015**	Run No: **292485**
SampleType: **LCS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207929**	Analysis Date: **05/23/2015**	Seq No: **6228727**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	57.85	5.0	50.00		116	64.2	137				
Benzene	51.11	5.0	50.00		102	72.8	128				
Chlorobenzene	50.74	5.0	50.00		101	72.3	126				
Toluene	49.90	5.0	50.00		99.8	74.9	127				
Trichloroethene	53.16	5.0	50.00		106	70.5	134				
Surr: 4-Bromofluorobenzene	41.61	0	50.00		83.2	70.6	123				
Surr: Dibromofluoromethane	47.35	0	50.00		94.7	78.7	124				
Surr: Toluene-d8	44.69	0	50.00		89.4	81.3	120				

Sample ID: **1505K14-002AMS**	Client ID: **MW-35 (052115)**		Units: **ug/L**	Prep Date: **05/23/2015**	Run No: **292485**
SampleType: **MS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207929**	Analysis Date: **05/23/2015**	Seq No: **6228732**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	6805	500	5000		136	60.5	156				
Benzene	5331	500	5000		107	70	135				
Chlorobenzene	5188	500	5000		104	70.5	132				
Toluene	5724	500	5000	432.0	106	70.5	137				
Trichloroethene	17950	500	5000	12080	117	71.8	139				
Surr: 4-Bromofluorobenzene	4154	0	5000		83.1	70.6	123				
Surr: Dibromofluoromethane	5002	0	5000		100	78.7	124				
Surr: Toluene-d8	4456	0	5000		89.1	81.3	120				

Sample ID: **1505K14-002AMSD**	Client ID: **MW-35 (052115)**		Units: **ug/L**	Prep Date: **05/23/2015**	Run No: **292485**
SampleType: **MSD**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **207929**	Analysis Date: **05/23/2015**	Seq No: **6228733**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	6232	500	5000		125	60.5	156	6805	8.79	20	
Benzene	5314	500	5000		106	70	135	5331	0.319	20	

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: Arcadis
Project Name: Lafarge East Point
Workorder: 1505K14

ANALYTICAL QC SUMMARY REPORT

BatchID: 207929

Sample ID: **1505K14-002AMSD** Client ID: **MW-35 (052115)** Units: **ug/L** Prep Date: **05/23/2015** Run No: **292485**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **207929** Analysis Date: **05/23/2015** Seq No: **6228733**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	5069	500	5000		101	70.5	132	5188	2.32	20	
Toluene	5756	500	5000	432.0	106	70.5	137	5724	0.557	20	
Trichloroethene	17190	500	5000	12080	102	71.8	139	17950	4.35	20	
Surr: 4-Bromofluorobenzene	4004	0	5000		80.1	70.6	123	4154	0	0	
Surr: Dibromofluoromethane	4997	0	5000		99.9	78.7	124	5002	0	0	
Surr: Toluene-d8	4572	0	5000		91.4	81.3	120	4456	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.

September 10, 2015

Chris Miller
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge/East Point, GA

Dear Chris Miller: Order No: 1509221

Analytical Environmental Services, Inc. received 18 samples on 9/2/2015 4:30:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1509221

Date: 9/2/2015 Page 1 of 2

COMPANY: ARCADIS-US

ADDRESS: 1000 COBB PLACE BLVD. STE-500A KENNESAW, GA 30101

PHONE: 770 428 9009

FAX:

SAMPLED BY: JUSTIN RADFORD

SIGNATURE:

ANALYSIS REQUESTED: VOCs

PRESERVATION (See codes): H+I

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

#	SAMPLE ID	SAMPLED DATE 2015	TIME	Grab	Composite	Matrix (See codes)	H+I	REMARKS	No # of Containers
1	MW-21(08312015)	8/31	1245	X		GW	2		
2	DUP-01(08312015)	8/31	1200	X		GW	2		
3	MW-08(08312015)	8/31	1330	X		GW	2		
4	DPE-305(08312015)	8/31	1450	X		GW	2		
5	DPE-307(08312015)	8/31	1500	X		GW	2		
6	DPE-118(08312015)	8/31	1515	X		GW	2		
7	DPE-109(08312015)	8/31	1535	X		GW	2		
8	MW-07(09012015)	9/01	0835	X		GW	2		
9	MW-32(09012015)	9/01	1005	X		GW	2		
10	MW-34(09012015)	9/01	1125	X		GW	2		
11	MW-35(09012015)	9/01	1300	X		GW	2		
12	MW-36(09012015)	9/01	1330	X		GW	2		
13	DPE-313(09022015)	9/02	0930	X		GW	2		
14	RW-08(09022015)	9/02	0945	X		GW	2		

RELINQUISHED BY 1: DATE/TIME: 9/2/15/1630

RECEIVED BY 1: DATE/TIME: 9/2/15 1630

2:

3:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: LAFARGE/EAST POINT, GA

PROJECT #: HT 212446.0015

SITE ADDRESS: 2675 N MARTIN ST. ATLANTA GA 30344

SEND REPORT TO: christopher.miller@arcadis.com

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers

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 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

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: 1509221

Date: 9/2/15 Page 2 of 2

COMPANY: ARCADIS-US	ADDRESS: 1000 COBB PLACE BLVD. STE. 500A KENNESAW, GA 30041
PHONE: 770 428 9009	FAX:
SAMPLED BY: JUSTIN RADFORD	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) H+I	VOCs	REMARKS	No # of Containers
1	DPE-408(09022015)	09/02	1150	X		GW	2			
2	RW-02(09022015)	09/02	1300	X		GW	2			
3	EB-01(09022015)	09/02	1405	X		GW	2			
4	TRIP BLANK	—	—	X		GW	2			
5	TEMP. BLANK						1			
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:	9/2/15 1630	1:	9/2/15 1630
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 / EAST POINT, GA
PROJECT #: HT212446.0015
SITE ADDRESS: 2675 N MARTIN ST ATLANTA, GA 30344
SEND REPORT TO: Christopher.Miller@arcadis.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 9

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 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

Client: Arcadis
Project: Lafarge/East Point, GA
Lab ID: 1509221

Case Narrative

Sample Receiving Nonconformance:

Sample information on the Chain of Custody (COC) did not match that on the vial labels for sample 1509221-008. The ID was written on the COC as "MW-07(09012015)"; whereas, on the sample label it was written as "MW-09(09012015)." The collection date and time on the COC matched the date and time on the vial labels. The samples were identified based on the matching sample collection date and time and were logged in using the information on the COC.

Volatile Organic Compounds Analysis by Method 8260B:

Due to sample matrix, samples 1509221-004, -005, -007, -008, -009 and -012 required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc **Date:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-21 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 12:45:00 PM
Lab ID:	1509221-001	**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	212439	1	09/08/2015 15:29	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
2-Butanone	BRL	50		ug/L	212439	1	09/08/2015 15:29	JE
2-Hexanone	BRL	10		ug/L	212439	1	09/08/2015 15:29	JE
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/08/2015 15:29	JE
Acetone	BRL	50		ug/L	212439	1	09/08/2015 15:29	JE
Benzene	9.3	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Bromoform	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Bromomethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Chloroethane	BRL	10		ug/L	212439	1	09/08/2015 15:29	JE
Chloroform	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Chloromethane	BRL	10		ug/L	212439	1	09/08/2015 15:29	JE
cis-1,2-Dichloroethene	1700	50		ug/L	212439	10	09/04/2015 17:07	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Cyclohexane	38	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/08/2015 15:29	JE
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Freon-113	BRL	10		ug/L	212439	1	09/08/2015 15:29	JE
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
m,p-Xylene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Methyl acetate	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Methylcyclohexane	68	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Methylene chloride	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
o-Xylene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-21 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 12:45:00 PM
Lab ID:	1509221-001	**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	212439	1	09/08/2015 15:29	JE
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Toluene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Trichloroethene	5.5	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:29	JE
Vinyl chloride	130	2.0		ug/L	212439	1	09/08/2015 15:29	JE
Surr: 4-Bromofluorobenzene	76.8	70.6-123		%REC	212439	10	09/04/2015 17:07	NP
Surr: 4-Bromofluorobenzene	79.9	70.6-123		%REC	212439	1	09/08/2015 15:29	JE
Surr: Dibromofluoromethane	99.4	78.7-124		%REC	212439	1	09/08/2015 15:29	JE
Surr: Dibromofluoromethane	104	78.7-124		%REC	212439	10	09/04/2015 17:07	NP
Surr: Toluene-d8	97.8	81.3-120		%REC	212439	1	09/08/2015 15:29	JE
Surr: Toluene-d8	94.4	81.3-120		%REC	212439	10	09/04/2015 17:07	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 **Date:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DUP-01(08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 12:00:00 PM
Lab ID:	1509221-002	**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	212439	1	09/08/2015 16:15	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
2-Butanone	BRL	50		ug/L	212439	1	09/08/2015 16:15	JE
2-Hexanone	BRL	10		ug/L	212439	1	09/08/2015 16:15	JE
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/08/2015 16:15	JE
Acetone	BRL	50		ug/L	212439	1	09/08/2015 16:15	JE
Benzene	9.4	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Bromoform	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Bromomethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Chloroethane	BRL	10		ug/L	212439	1	09/08/2015 16:15	JE
Chloroform	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Chloromethane	BRL	10		ug/L	212439	1	09/08/2015 16:15	JE
cis-1,2-Dichloroethene	1800	50		ug/L	212439	10	09/08/2015 15:52	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Cyclohexane	40	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/08/2015 16:15	JE
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Freon-113	BRL	10		ug/L	212439	1	09/08/2015 16:15	JE
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
m,p-Xylene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Methyl acetate	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Methylcyclohexane	76	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Methylene chloride	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
o-Xylene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DUP-01(08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 12:00:00 PM
Lab ID:	1509221-002	**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	212439	1	09/08/2015 16:15	JE
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Toluene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Trichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:15	JE
Vinyl chloride	140	2.0		ug/L	212439	1	09/08/2015 16:15	JE
Surr: 4-Bromofluorobenzene	76.1	70.6-123		%REC	212439	10	09/08/2015 15:52	JE
Surr: 4-Bromofluorobenzene	79	70.6-123		%REC	212439	1	09/08/2015 16:15	JE
Surr: Dibromofluoromethane	98.7	78.7-124		%REC	212439	1	09/08/2015 16:15	JE
Surr: Dibromofluoromethane	103	78.7-124		%REC	212439	10	09/08/2015 15:52	JE
Surr: Toluene-d8	94.8	81.3-120		%REC	212439	10	09/08/2015 15:52	JE
Surr: Toluene-d8	97.9	81.3-120		%REC	212439	1	09/08/2015 16:15	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-08 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 1:30:00 PM
Lab ID:	1509221-003	**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	212439	1	09/04/2015 19:03	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
2-Butanone	BRL	50		ug/L	212439	1	09/04/2015 19:03	NP
2-Hexanone	BRL	10		ug/L	212439	1	09/04/2015 19:03	NP
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/04/2015 19:03	NP
Acetone	BRL	50		ug/L	212439	1	09/04/2015 19:03	NP
Benzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Bromoform	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Bromomethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Chloroethane	BRL	10		ug/L	212439	1	09/04/2015 19:03	NP
Chloroform	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Chloromethane	BRL	10		ug/L	212439	1	09/04/2015 19:03	NP
cis-1,2-Dichloroethene	36	5.0		ug/L	212439	1	09/04/2015 19:03	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Cyclohexane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/04/2015 19:03	NP
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Freon-113	BRL	10		ug/L	212439	1	09/04/2015 19:03	NP
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
m,p-Xylene	5.3	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Methyl acetate	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Methylcyclohexane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Methylene chloride	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
o-Xylene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-08 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 1:30:00 PM
Lab ID:	1509221-003	**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	212439	1	09/04/2015 19:03	NP
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Toluene	57	5.0		ug/L	212439	1	09/04/2015 19:03	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Trichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:03	NP
Vinyl chloride	15	2.0		ug/L	212439	1	09/04/2015 19:03	NP
Surr: 4-Bromofluorobenzene	79.8	70.6-123		%REC	212439	1	09/04/2015 19:03	NP
Surr: Dibromofluoromethane	105	78.7-124		%REC	212439	1	09/04/2015 19:03	NP
Surr: Toluene-d8	95.5	81.3-120		%REC	212439	1	09/04/2015 19:03	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-305 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 2:50:00 PM
Lab ID:	1509221-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,1,2,2-Tetrachloroethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,1,2-Trichloroethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,1-Dichloroethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,1-Dichloroethene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,2,4-Trichlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,2-Dibromo-3-chloropropane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,2-Dibromoethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,2-Dichlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,2-Dichloroethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,2-Dichloropropane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,3-Dichlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
1,4-Dichlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
2-Butanone	BRL	25000		ug/L	212439	500	09/04/2015 14:49	NP
2-Hexanone	BRL	5000		ug/L	212439	500	09/04/2015 14:49	NP
4-Methyl-2-pentanone	BRL	5000		ug/L	212439	500	09/04/2015 14:49	NP
Acetone	BRL	25000		ug/L	212439	500	09/04/2015 14:49	NP
Benzene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Bromodichloromethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Bromoform	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Bromomethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Carbon disulfide	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Carbon tetrachloride	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Chlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Chloroethane	BRL	5000		ug/L	212439	500	09/04/2015 14:49	NP
Chloroform	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Chloromethane	BRL	5000		ug/L	212439	500	09/04/2015 14:49	NP
cis-1,2-Dichloroethene	5400	2500		ug/L	212439	500	09/04/2015 14:49	NP
cis-1,3-Dichloropropene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Cyclohexane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Dibromochloromethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Dichlorodifluoromethane	BRL	5000		ug/L	212439	500	09/04/2015 14:49	NP
Ethylbenzene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Freon-113	BRL	5000		ug/L	212439	500	09/04/2015 14:49	NP
Isopropylbenzene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
m,p-Xylene	6500	2500		ug/L	212439	500	09/04/2015 14:49	NP
Methyl acetate	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Methyl tert-butyl ether	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Methylcyclohexane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Methylene chloride	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
o-Xylene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-305 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 2:50:00 PM
Lab ID:	1509221-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Tetrachloroethene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Toluene	38000	2500		ug/L	212439	500	09/04/2015 14:49	NP
trans-1,2-Dichloroethene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
trans-1,3-Dichloropropene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Trichloroethene	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Trichlorofluoromethane	BRL	2500		ug/L	212439	500	09/04/2015 14:49	NP
Vinyl chloride	BRL	1000		ug/L	212439	500	09/04/2015 14:49	NP
Surr: 4-Bromofluorobenzene	81.7	70.6-123		%REC	212439	500	09/04/2015 14:49	NP
Surr: Dibromofluoromethane	105	78.7-124		%REC	212439	500	09/04/2015 14:49	NP
Surr: Toluene-d8	95.8	81.3-120		%REC	212439	500	09/04/2015 14:49	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-307 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 3:00:00 PM
Lab ID:	1509221-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,1,2,2-Tetrachloroethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,1,2-Trichloroethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,1-Dichloroethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,1-Dichloroethene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,2,4-Trichlorobenzene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,2-Dibromo-3-chloropropane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,2-Dibromoethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,2-Dichlorobenzene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,2-Dichloroethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,2-Dichloropropane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,3-Dichlorobenzene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
1,4-Dichlorobenzene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
2-Butanone	BRL	50000		ug/L	212439	1000	09/04/2015 14:26	NP
2-Hexanone	BRL	10000		ug/L	212439	1000	09/04/2015 14:26	NP
4-Methyl-2-pentanone	BRL	10000		ug/L	212439	1000	09/04/2015 14:26	NP
Acetone	BRL	50000		ug/L	212439	1000	09/04/2015 14:26	NP
Benzene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Bromodichloromethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Bromoform	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Bromomethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Carbon disulfide	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Carbon tetrachloride	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Chlorobenzene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Chloroethane	BRL	10000		ug/L	212439	1000	09/04/2015 14:26	NP
Chloroform	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Chloromethane	BRL	10000		ug/L	212439	1000	09/04/2015 14:26	NP
cis-1,2-Dichloroethene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
cis-1,3-Dichloropropene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Cyclohexane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Dibromochloromethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Dichlorodifluoromethane	BRL	10000		ug/L	212439	1000	09/04/2015 14:26	NP
Ethylbenzene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Freon-113	BRL	10000		ug/L	212439	1000	09/04/2015 14:26	NP
Isopropylbenzene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
m,p-Xylene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Methyl acetate	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Methyl tert-butyl ether	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Methylcyclohexane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Methylene chloride	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
o-Xylene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-307 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 3:00:00 PM
Lab ID:	1509221-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Tetrachloroethene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Toluene	98000	5000		ug/L	212439	1000	09/04/2015 14:26	NP
trans-1,2-Dichloroethene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
trans-1,3-Dichloropropene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Trichloroethene	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Trichlorofluoromethane	BRL	5000		ug/L	212439	1000	09/04/2015 14:26	NP
Vinyl chloride	BRL	2000		ug/L	212439	1000	09/04/2015 14:26	NP
Surr: 4-Bromofluorobenzene	74.9	70.6-123		%REC	212439	1000	09/04/2015 14:26	NP
Surr: Dibromofluoromethane	106	78.7-124		%REC	212439	1000	09/04/2015 14:26	NP
Surr: Toluene-d8	95.5	81.3-120		%REC	212439	1000	09/04/2015 14:26	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 **Date:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-118 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 3:15:00 PM
Lab ID:	1509221-006	**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	212439	1	09/05/2015 00:47	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
2-Butanone	BRL	50		ug/L	212439	1	09/05/2015 00:47	JE
2-Hexanone	BRL	10		ug/L	212439	1	09/05/2015 00:47	JE
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/05/2015 00:47	JE
Acetone	BRL	50		ug/L	212439	1	09/05/2015 00:47	JE
Benzene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Bromoform	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Bromomethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Chloroethane	BRL	10		ug/L	212439	1	09/05/2015 00:47	JE
Chloroform	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Chloromethane	BRL	10		ug/L	212439	1	09/05/2015 00:47	JE
cis-1,2-Dichloroethene	330	50		ug/L	212439	10	09/08/2015 18:18	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Cyclohexane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/05/2015 00:47	JE
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Freon-113	BRL	10		ug/L	212439	1	09/05/2015 00:47	JE
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
m,p-Xylene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Methyl acetate	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Methylcyclohexane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Methylene chloride	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
o-Xylene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-118 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 3:15:00 PM
Lab ID:	1509221-006	**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	212439	1	09/05/2015 00:47	JE
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Toluene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Trichloroethene	18	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/05/2015 00:47	JE
Vinyl chloride	BRL	2.0		ug/L	212439	1	09/05/2015 00:47	JE
Surr: 4-Bromofluorobenzene	75.8	70.6-123		%REC	212439	10	09/08/2015 18:18	JE
Surr: 4-Bromofluorobenzene	77.8	70.6-123		%REC	212439	1	09/05/2015 00:47	JE
Surr: Dibromofluoromethane	104	78.7-124		%REC	212439	1	09/05/2015 00:47	JE
Surr: Dibromofluoromethane	105	78.7-124		%REC	212439	10	09/08/2015 18:18	JE
Surr: Toluene-d8	94.6	81.3-120		%REC	212439	1	09/05/2015 00:47	JE
Surr: Toluene-d8	96.7	81.3-120		%REC	212439	10	09/08/2015 18:18	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-109 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 3:35:00 PM
Lab ID:	1509221-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,1,2,2-Tetrachloroethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,1,2-Trichloroethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,1-Dichloroethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,1-Dichloroethene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,2,4-Trichlorobenzene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,2-Dibromo-3-chloropropane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,2-Dibromoethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,2-Dichlorobenzene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,2-Dichloroethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,2-Dichloropropane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,3-Dichlorobenzene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
1,4-Dichlorobenzene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
2-Butanone	BRL	500		ug/L	212439	10	09/05/2015 01:09	JE
2-Hexanone	BRL	100		ug/L	212439	10	09/05/2015 01:09	JE
4-Methyl-2-pentanone	BRL	100		ug/L	212439	10	09/05/2015 01:09	JE
Acetone	BRL	500		ug/L	212439	10	09/05/2015 01:09	JE
Benzene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Bromodichloromethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Bromoform	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Bromomethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Carbon disulfide	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Carbon tetrachloride	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Chlorobenzene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Chloroethane	BRL	100		ug/L	212439	10	09/05/2015 01:09	JE
Chloroform	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Chloromethane	BRL	100		ug/L	212439	10	09/05/2015 01:09	JE
cis-1,2-Dichloroethene	440	50		ug/L	212439	10	09/05/2015 01:09	JE
cis-1,3-Dichloropropene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Cyclohexane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Dibromochloromethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Dichlorodifluoromethane	BRL	100		ug/L	212439	10	09/05/2015 01:09	JE
Ethylbenzene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Freon-113	BRL	100		ug/L	212439	10	09/05/2015 01:09	JE
Isopropylbenzene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
m,p-Xylene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Methyl acetate	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Methyl tert-butyl ether	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Methylcyclohexane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Methylene chloride	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
o-Xylene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-109 (08312015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	8/31/2015 3:35:00 PM
Lab ID:	1509221-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Tetrachloroethene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Toluene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
trans-1,2-Dichloroethene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
trans-1,3-Dichloropropene	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Trichloroethene	16000	2500		ug/L	212439	500	09/09/2015 16:41	JE
Trichlorofluoromethane	BRL	50		ug/L	212439	10	09/05/2015 01:09	JE
Vinyl chloride	BRL	20		ug/L	212439	10	09/05/2015 01:09	JE
Surr: 4-Bromofluorobenzene	74	70.6-123		%REC	212439	500	09/09/2015 16:41	JE
Surr: 4-Bromofluorobenzene	73.5	70.6-123		%REC	212439	10	09/05/2015 01:09	JE
Surr: Dibromofluoromethane	110	78.7-124		%REC	212439	500	09/09/2015 16:41	JE
Surr: Dibromofluoromethane	107	78.7-124		%REC	212439	10	09/05/2015 01:09	JE
Surr: Toluene-d8	96.7	81.3-120		%REC	212439	500	09/09/2015 16:41	JE
Surr: Toluene-d8	95.2	81.3-120		%REC	212439	10	09/05/2015 01:09	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-07(09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 8:35:00 AM
Lab ID:	1509221-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,1,2,2-Tetrachloroethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,1,2-Trichloroethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,1-Dichloroethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,1-Dichloroethene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,2,4-Trichlorobenzene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,2-Dibromo-3-chloropropane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,2-Dibromoethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,2-Dichlorobenzene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,2-Dichloroethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,2-Dichloropropane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,3-Dichlorobenzene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
1,4-Dichlorobenzene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
2-Butanone	BRL	5000		ug/L	212439	100	09/04/2015 15:36	NP
2-Hexanone	BRL	1000		ug/L	212439	100	09/04/2015 15:36	NP
4-Methyl-2-pentanone	BRL	1000		ug/L	212439	100	09/04/2015 15:36	NP
Acetone	BRL	5000		ug/L	212439	100	09/04/2015 15:36	NP
Benzene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Bromodichloromethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Bromoform	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Bromomethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Carbon disulfide	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Carbon tetrachloride	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Chlorobenzene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Chloroethane	BRL	1000		ug/L	212439	100	09/04/2015 15:36	NP
Chloroform	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Chloromethane	BRL	1000		ug/L	212439	100	09/04/2015 15:36	NP
cis-1,2-Dichloroethene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
cis-1,3-Dichloropropene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Cyclohexane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Dibromochloromethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Dichlorodifluoromethane	BRL	1000		ug/L	212439	100	09/04/2015 15:36	NP
Ethylbenzene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Freon-113	BRL	1000		ug/L	212439	100	09/04/2015 15:36	NP
Isopropylbenzene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
m,p-Xylene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Methyl acetate	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Methyl tert-butyl ether	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Methylcyclohexane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Methylene chloride	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
o-Xylene	BRL	500		ug/L	212439	100	09/04/2015 15:36	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-07(09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 8:35:00 AM
Lab ID:	1509221-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Tetrachloroethene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Toluene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
trans-1,2-Dichloroethene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
trans-1,3-Dichloropropene	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Trichloroethene	18000	500		ug/L	212439	100	09/04/2015 15:36	NP
Trichlorofluoromethane	BRL	500		ug/L	212439	100	09/04/2015 15:36	NP
Vinyl chloride	BRL	200		ug/L	212439	100	09/04/2015 15:36	NP
Surr: 4-Bromofluorobenzene	77.4	70.6-123		%REC	212439	100	09/04/2015 15:36	NP
Surr: Dibromofluoromethane	108	78.7-124		%REC	212439	100	09/04/2015 15:36	NP
Surr: Toluene-d8	97.1	81.3-120		%REC	212439	100	09/04/2015 15:36	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-32 (09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 10:05:00 AM
Lab ID:	1509221-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,1,2,2-Tetrachloroethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,1,2-Trichloroethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,1-Dichloroethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,1-Dichloroethene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,2,4-Trichlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,2-Dibromo-3-chloropropane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,2-Dibromoethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,2-Dichlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,2-Dichloroethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,2-Dichloropropane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,3-Dichlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
1,4-Dichlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
2-Butanone	BRL	25000		ug/L	212439	500	09/04/2015 15:13	NP
2-Hexanone	BRL	5000		ug/L	212439	500	09/04/2015 15:13	NP
4-Methyl-2-pentanone	BRL	5000		ug/L	212439	500	09/04/2015 15:13	NP
Acetone	BRL	25000		ug/L	212439	500	09/04/2015 15:13	NP
Benzene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Bromodichloromethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Bromoform	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Bromomethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Carbon disulfide	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Carbon tetrachloride	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Chlorobenzene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Chloroethane	BRL	5000		ug/L	212439	500	09/04/2015 15:13	NP
Chloroform	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Chloromethane	BRL	5000		ug/L	212439	500	09/04/2015 15:13	NP
cis-1,2-Dichloroethene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
cis-1,3-Dichloropropene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Cyclohexane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Dibromochloromethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Dichlorodifluoromethane	BRL	5000		ug/L	212439	500	09/04/2015 15:13	NP
Ethylbenzene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Freon-113	BRL	5000		ug/L	212439	500	09/04/2015 15:13	NP
Isopropylbenzene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
m,p-Xylene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Methyl acetate	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Methyl tert-butyl ether	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Methylcyclohexane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Methylene chloride	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
o-Xylene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-32 (09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 10:05:00 AM
Lab ID:	1509221-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Tetrachloroethene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Toluene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
trans-1,2-Dichloroethene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
trans-1,3-Dichloropropene	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Trichloroethene	91000	2500		ug/L	212439	500	09/04/2015 15:13	NP
Trichlorofluoromethane	BRL	2500		ug/L	212439	500	09/04/2015 15:13	NP
Vinyl chloride	BRL	1000		ug/L	212439	500	09/04/2015 15:13	NP
Surr: 4-Bromofluorobenzene	75.3	70.6-123		%REC	212439	500	09/04/2015 15:13	NP
Surr: Dibromofluoromethane	110	78.7-124		%REC	212439	500	09/04/2015 15:13	NP
Surr: Toluene-d8	96	81.3-120		%REC	212439	500	09/04/2015 15:13	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 **Date:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-34 (09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 11:25:00 AM
Lab ID:	1509221-010	**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	212439	1	09/04/2015 19:49	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
2-Butanone	BRL	50		ug/L	212439	1	09/04/2015 19:49	NP
2-Hexanone	BRL	10		ug/L	212439	1	09/04/2015 19:49	NP
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/04/2015 19:49	NP
Acetone	BRL	50		ug/L	212439	1	09/04/2015 19:49	NP
Benzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Bromoform	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Bromomethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Chloroethane	BRL	10		ug/L	212439	1	09/04/2015 19:49	NP
Chloroform	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Chloromethane	BRL	10		ug/L	212439	1	09/04/2015 19:49	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Cyclohexane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/04/2015 19:49	NP
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Freon-113	BRL	10		ug/L	212439	1	09/04/2015 19:49	NP
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
m,p-Xylene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Methyl acetate	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Methylcyclohexane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Methylene chloride	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
o-Xylene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-34 (09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 11:25:00 AM
Lab ID:	1509221-010	**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	212439	1	09/04/2015 19:49	NP
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Toluene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Trichloroethene	360	50		ug/L	212439	10	09/08/2015 18:41	JE
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/04/2015 19:49	NP
Vinyl chloride	BRL	2.0		ug/L	212439	1	09/04/2015 19:49	NP
Surr: 4-Bromofluorobenzene	75.3	70.6-123		%REC	212439	1	09/04/2015 19:49	NP
Surr: 4-Bromofluorobenzene	75.5	70.6-123		%REC	212439	10	09/08/2015 18:41	JE
Surr: Dibromofluoromethane	104	78.7-124		%REC	212439	1	09/04/2015 19:49	NP
Surr: Dibromofluoromethane	106	78.7-124		%REC	212439	10	09/08/2015 18:41	JE
Surr: Toluene-d8	95.7	81.3-120		%REC	212439	1	09/04/2015 19:49	NP
Surr: Toluene-d8	97.1	81.3-120		%REC	212439	10	09/08/2015 18:41	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-35 (09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 1:00:00 PM
Lab ID:	1509221-011	**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	212439	1	09/08/2015 14:43	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
2-Butanone	BRL	50		ug/L	212439	1	09/08/2015 14:43	JE
2-Hexanone	BRL	10		ug/L	212439	1	09/08/2015 14:43	JE
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/08/2015 14:43	JE
Acetone	BRL	50		ug/L	212439	1	09/08/2015 14:43	JE
Benzene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Bromoform	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Bromomethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Chloroethane	BRL	10		ug/L	212439	1	09/08/2015 14:43	JE
Chloroform	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Chloromethane	BRL	10		ug/L	212439	1	09/08/2015 14:43	JE
cis-1,2-Dichloroethene	550	500		ug/L	212439	100	09/04/2015 15:59	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Cyclohexane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/08/2015 14:43	JE
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Freon-113	BRL	10		ug/L	212439	1	09/08/2015 14:43	JE
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
m,p-Xylene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Methyl acetate	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Methylcyclohexane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Methylene chloride	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
o-Xylene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-35 (09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 1:00:00 PM
Lab ID:	1509221-011	**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	212439	1	09/08/2015 14:43	JE
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Toluene	5.1	5.0		ug/L	212439	1	09/08/2015 14:43	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Trichloroethene	4000	500		ug/L	212439	100	09/04/2015 15:59	NP
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/08/2015 14:43	JE
Vinyl chloride	BRL	2.0		ug/L	212439	1	09/08/2015 14:43	JE
Surr: 4-Bromofluorobenzene	75.5	70.6-123		%REC	212439	100	09/04/2015 15:59	NP
Surr: 4-Bromofluorobenzene	76.8	70.6-123		%REC	212439	1	09/08/2015 14:43	JE
Surr: Dibromofluoromethane	103	78.7-124		%REC	212439	1	09/08/2015 14:43	JE
Surr: Dibromofluoromethane	107	78.7-124		%REC	212439	100	09/04/2015 15:59	NP
Surr: Toluene-d8	95.6	81.3-120		%REC	212439	100	09/04/2015 15:59	NP
Surr: Toluene-d8	97.4	81.3-120		%REC	212439	1	09/08/2015 14:43	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-36 (09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 1:30:00 PM
Lab ID:	1509221-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,1,2,2-Tetrachloroethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,1,2-Trichloroethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,1-Dichloroethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,1-Dichloroethene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,2,4-Trichlorobenzene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,2-Dibromo-3-chloropropane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,2-Dibromoethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,2-Dichlorobenzene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,2-Dichloroethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,2-Dichloropropane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,3-Dichlorobenzene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
1,4-Dichlorobenzene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
2-Butanone	BRL	500		ug/L	212439	10	09/04/2015 20:12	NP
2-Hexanone	BRL	100		ug/L	212439	10	09/04/2015 20:12	NP
4-Methyl-2-pentanone	BRL	100		ug/L	212439	10	09/04/2015 20:12	NP
Acetone	BRL	500		ug/L	212439	10	09/04/2015 20:12	NP
Benzene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Bromodichloromethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Bromoform	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Bromomethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Carbon disulfide	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Carbon tetrachloride	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Chlorobenzene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Chloroethane	BRL	100		ug/L	212439	10	09/04/2015 20:12	NP
Chloroform	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Chloromethane	BRL	100		ug/L	212439	10	09/04/2015 20:12	NP
cis-1,2-Dichloroethene	14000	500		ug/L	212439	100	09/04/2015 16:22	NP
cis-1,3-Dichloropropene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Cyclohexane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Dibromochloromethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Dichlorodifluoromethane	BRL	100		ug/L	212439	10	09/04/2015 20:12	NP
Ethylbenzene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Freon-113	BRL	100		ug/L	212439	10	09/04/2015 20:12	NP
Isopropylbenzene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
m,p-Xylene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Methyl acetate	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Methyl tert-butyl ether	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Methylcyclohexane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Methylene chloride	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
o-Xylene	BRL	50		ug/L	212439	10	09/04/2015 20:12	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	MW-36 (09012015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/1/2015 1:30:00 PM
Lab ID:	1509221-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Tetrachloroethene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Toluene	53	50		ug/L	212439	10	09/04/2015 20:12	NP
trans-1,2-Dichloroethene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
trans-1,3-Dichloropropene	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Trichloroethene	910	50		ug/L	212439	10	09/04/2015 20:12	NP
Trichlorofluoromethane	BRL	50		ug/L	212439	10	09/04/2015 20:12	NP
Vinyl chloride	52	20		ug/L	212439	10	09/04/2015 20:12	NP
Surr: 4-Bromofluorobenzene	75.5	70.6-123		%REC	212439	10	09/04/2015 20:12	NP
Surr: 4-Bromofluorobenzene	77.8	70.6-123		%REC	212439	100	09/04/2015 16:22	NP
Surr: Dibromofluoromethane	107	78.7-124		%REC	212439	100	09/04/2015 16:22	NP
Surr: Dibromofluoromethane	109	78.7-124		%REC	212439	10	09/04/2015 20:12	NP
Surr: Toluene-d8	94.9	81.3-120		%REC	212439	100	09/04/2015 16:22	NP
Surr: Toluene-d8	96.7	81.3-120		%REC	212439	10	09/04/2015 20:12	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-313 (09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 9:30:00 AM
Lab ID:	1509221-013	**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	212439	1	09/08/2015 17:32	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
2-Butanone	BRL	50		ug/L	212439	1	09/08/2015 17:32	JE
2-Hexanone	20	10		ug/L	212439	1	09/08/2015 17:32	JE
4-Methyl-2-pentanone	12	10		ug/L	212439	1	09/08/2015 17:32	JE
Acetone	BRL	50		ug/L	212439	1	09/08/2015 17:32	JE
Benzene	43	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Bromoform	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Bromomethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Chloroethane	BRL	10		ug/L	212439	1	09/08/2015 17:32	JE
Chloroform	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Chloromethane	BRL	10		ug/L	212439	1	09/08/2015 17:32	JE
cis-1,2-Dichloroethene	14	5.0		ug/L	212439	1	09/08/2015 17:32	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Cyclohexane	930	50		ug/L	212439	10	09/04/2015 17:54	NP
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/08/2015 17:32	JE
Ethylbenzene	770	50		ug/L	212439	10	09/04/2015 17:54	NP
Freon-113	BRL	10		ug/L	212439	1	09/08/2015 17:32	JE
Isopropylbenzene	5.0	5.0		ug/L	212439	1	09/08/2015 17:32	JE
m,p-Xylene	2000	50		ug/L	212439	10	09/04/2015 17:54	NP
Methyl acetate	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Methylcyclohexane	21	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Methylene chloride	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
o-Xylene	150	5.0		ug/L	212439	1	09/08/2015 17:32	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-313 (09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 9:30:00 AM
Lab ID:	1509221-013	**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	212439	1	09/08/2015 17:32	JE
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Toluene	93	5.0		ug/L	212439	1	09/08/2015 17:32	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Trichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:32	JE
Vinyl chloride	BRL	2.0		ug/L	212439	1	09/08/2015 17:32	JE
Surr: 4-Bromofluorobenzene	83.6	70.6-123		%REC	212439	10	09/04/2015 17:54	NP
Surr: 4-Bromofluorobenzene	91.2	70.6-123		%REC	212439	1	09/08/2015 17:32	JE
Surr: Dibromofluoromethane	102	78.7-124		%REC	212439	10	09/04/2015 17:54	NP
Surr: Dibromofluoromethane	96.7	78.7-124		%REC	212439	1	09/08/2015 17:32	JE
Surr: Toluene-d8	94.3	81.3-120		%REC	212439	10	09/04/2015 17:54	NP
Surr: Toluene-d8	97.4	81.3-120		%REC	212439	1	09/08/2015 17:32	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	RW-08 (09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 9:45:00 AM
Lab ID:	1509221-014	**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	212439	1	09/08/2015 16:38	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
2-Butanone	BRL	50		ug/L	212439	1	09/08/2015 16:38	JE
2-Hexanone	BRL	10		ug/L	212439	1	09/08/2015 16:38	JE
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/08/2015 16:38	JE
Acetone	BRL	50		ug/L	212439	1	09/08/2015 16:38	JE
Benzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Bromoform	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Bromomethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Chloroethane	BRL	10		ug/L	212439	1	09/08/2015 16:38	JE
Chloroform	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Chloromethane	BRL	10		ug/L	212439	1	09/08/2015 16:38	JE
cis-1,2-Dichloroethene	540	50		ug/L	212439	10	09/04/2015 18:17	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Cyclohexane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/08/2015 16:38	JE
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Freon-113	BRL	10		ug/L	212439	1	09/08/2015 16:38	JE
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
m,p-Xylene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Methyl acetate	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Methylcyclohexane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Methylene chloride	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
o-Xylene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	RW-08 (09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 9:45:00 AM
Lab ID:	1509221-014	**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	212439	1	09/08/2015 16:38	JE
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Toluene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Trichloroethene	46	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/08/2015 16:38	JE
Vinyl chloride	13	2.0		ug/L	212439	1	09/08/2015 16:38	JE
Surr: 4-Bromofluorobenzene	77.6	70.6-123		%REC	212439	1	09/08/2015 16:38	JE
Surr: 4-Bromofluorobenzene	76.5	70.6-123		%REC	212439	10	09/04/2015 18:17	NP
Surr: Dibromofluoromethane	102	78.7-124		%REC	212439	1	09/08/2015 16:38	JE
Surr: Dibromofluoromethane	106	78.7-124		%REC	212439	10	09/04/2015 18:17	NP
Surr: Toluene-d8	94.8	81.3-120		%REC	212439	10	09/04/2015 18:17	NP
Surr: Toluene-d8	96.6	81.3-120		%REC	212439	1	09/08/2015 16:38	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-408 (09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 11:50:00 AM
Lab ID:	1509221-015	**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	212439	1	09/08/2015 15:06	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
2-Butanone	BRL	50		ug/L	212439	1	09/08/2015 15:06	JE
2-Hexanone	BRL	10		ug/L	212439	1	09/08/2015 15:06	JE
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/08/2015 15:06	JE
Acetone	BRL	50		ug/L	212439	1	09/08/2015 15:06	JE
Benzene	140	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Bromoform	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Bromomethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Chloroethane	BRL	10		ug/L	212439	1	09/08/2015 15:06	JE
Chloroform	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Chloromethane	BRL	10		ug/L	212439	1	09/08/2015 15:06	JE
cis-1,2-Dichloroethene	19	5.0		ug/L	212439	1	09/08/2015 15:06	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Cyclohexane	32	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/08/2015 15:06	JE
Ethylbenzene	30	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Freon-113	BRL	10		ug/L	212439	1	09/08/2015 15:06	JE
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
m,p-Xylene	78	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Methyl acetate	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Methylcyclohexane	12	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Methylene chloride	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
o-Xylene	57	5.0		ug/L	212439	1	09/08/2015 15:06	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	DPE-408 (09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 11:50:00 AM
Lab ID:	1509221-015	**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	212439	1	09/08/2015 15:06	JE
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Toluene	360	250		ug/L	212439	50	09/04/2015 16:44	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Trichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/08/2015 15:06	JE
Vinyl chloride	BRL	2.0		ug/L	212439	1	09/08/2015 15:06	JE
Surr: 4-Bromofluorobenzene	78.7	70.6-123		%REC	212439	50	09/04/2015 16:44	NP
Surr: 4-Bromofluorobenzene	82.6	70.6-123		%REC	212439	1	09/08/2015 15:06	JE
Surr: Dibromofluoromethane	108	78.7-124		%REC	212439	50	09/04/2015 16:44	NP
Surr: Dibromofluoromethane	99.7	78.7-124		%REC	212439	1	09/08/2015 15:06	JE
Surr: Toluene-d8	93.1	81.3-120		%REC	212439	50	09/04/2015 16:44	NP
Surr: Toluene-d8	96.1	81.3-120		%REC	212439	1	09/08/2015 15:06	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	RW-02 (09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 1:00:00 PM
Lab ID:	1509221-016	**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	212439	1	09/08/2015 17:09	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
2-Butanone	BRL	50		ug/L	212439	1	09/08/2015 17:09	JE
2-Hexanone	BRL	10		ug/L	212439	1	09/08/2015 17:09	JE
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/08/2015 17:09	JE
Acetone	BRL	50		ug/L	212439	1	09/08/2015 17:09	JE
Benzene	8.8	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Bromoform	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Bromomethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Chloroethane	BRL	10		ug/L	212439	1	09/08/2015 17:09	JE
Chloroform	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Chloromethane	BRL	10		ug/L	212439	1	09/08/2015 17:09	JE
cis-1,2-Dichloroethene	620	50		ug/L	212439	10	09/05/2015 01:32	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Cyclohexane	11	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/08/2015 17:09	JE
Ethylbenzene	45	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Freon-113	BRL	10		ug/L	212439	1	09/08/2015 17:09	JE
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
m,p-Xylene	260	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Methyl acetate	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Methylcyclohexane	6.8	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Methylene chloride	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
o-Xylene	110	5.0		ug/L	212439	1	09/08/2015 17:09	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	RW-02 (09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 1:00:00 PM
Lab ID:	1509221-016	**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	212439	1	09/08/2015 17:09	JE
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Toluene	510	50		ug/L	212439	10	09/05/2015 01:32	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Trichloroethene	8.4	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/08/2015 17:09	JE
Vinyl chloride	280	20		ug/L	212439	10	09/05/2015 01:32	JE
Surr: 4-Bromofluorobenzene	79.9	70.6-123		%REC	212439	10	09/05/2015 01:32	JE
Surr: 4-Bromofluorobenzene	86.4	70.6-123		%REC	212439	1	09/08/2015 17:09	JE
Surr: Dibromofluoromethane	102	78.7-124		%REC	212439	1	09/08/2015 17:09	JE
Surr: Dibromofluoromethane	107	78.7-124		%REC	212439	10	09/05/2015 01:32	JE
Surr: Toluene-d8	97.5	81.3-120		%REC	212439	10	09/05/2015 01:32	JE
Surr: Toluene-d8	99.5	81.3-120		%REC	212439	1	09/08/2015 17:09	JE

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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	EB-01(09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 2:05:00 PM
Lab ID:	1509221-017	**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	212439	1	09/04/2015 13:17	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
2-Butanone	BRL	50		ug/L	212439	1	09/04/2015 13:17	NP
2-Hexanone	BRL	10		ug/L	212439	1	09/04/2015 13:17	NP
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/04/2015 13:17	NP
Acetone	BRL	50		ug/L	212439	1	09/04/2015 13:17	NP
Benzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Bromoform	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Bromomethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Chloroethane	BRL	10		ug/L	212439	1	09/04/2015 13:17	NP
Chloroform	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Chloromethane	BRL	10		ug/L	212439	1	09/04/2015 13:17	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Cyclohexane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/04/2015 13:17	NP
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Freon-113	BRL	10		ug/L	212439	1	09/04/2015 13:17	NP
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
m,p-Xylene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Methyl acetate	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Methylcyclohexane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Methylene chloride	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
o-Xylene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	EB-01(09022015)
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015 2:05:00 PM
Lab ID:	1509221-017	**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	212439	1	09/04/2015 13:17	NP
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Toluene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Trichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:17	NP
Vinyl chloride	BRL	2.0		ug/L	212439	1	09/04/2015 13:17	NP
Surr: 4-Bromofluorobenzene	82.7	70.6-123		%REC	212439	1	09/04/2015 13:17	NP
Surr: Dibromofluoromethane	105	78.7-124		%REC	212439	1	09/04/2015 13:17	NP
Surr: Toluene-d8	95.6	81.3-120		%REC	212439	1	09/04/2015 13:17	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	TRIP BLANK
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015
Lab ID:	1509221-018	**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	212439	1	09/04/2015 13:40	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,1-Dichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,1-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,2-Dibromoethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,2-Dichloroethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,2-Dichloropropane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
2-Butanone	BRL	50		ug/L	212439	1	09/04/2015 13:40	NP
2-Hexanone	BRL	10		ug/L	212439	1	09/04/2015 13:40	NP
4-Methyl-2-pentanone	BRL	10		ug/L	212439	1	09/04/2015 13:40	NP
Acetone	BRL	50		ug/L	212439	1	09/04/2015 13:40	NP
Benzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Bromodichloromethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Bromoform	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Bromomethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Carbon disulfide	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Carbon tetrachloride	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Chlorobenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Chloroethane	BRL	10		ug/L	212439	1	09/04/2015 13:40	NP
Chloroform	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Chloromethane	BRL	10		ug/L	212439	1	09/04/2015 13:40	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Cyclohexane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Dibromochloromethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Dichlorodifluoromethane	BRL	10		ug/L	212439	1	09/04/2015 13:40	NP
Ethylbenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Freon-113	BRL	10		ug/L	212439	1	09/04/2015 13:40	NP
Isopropylbenzene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
m,p-Xylene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Methyl acetate	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Methylcyclohexane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Methylene chloride	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
o-Xylene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	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:** 10-Sep-15

Client:	Arcadis	**Client Sample ID:**	TRIP BLANK
Project Name:	Lafarge/East Point, GA	**Collection Date:**	9/2/2015
Lab ID:	1509221-018	**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	212439	1	09/04/2015 13:40	NP
Tetrachloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Toluene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Trichloroethene	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Trichlorofluoromethane	BRL	5.0		ug/L	212439	1	09/04/2015 13:40	NP
Vinyl chloride	BRL	2.0		ug/L	212439	1	09/04/2015 13:40	NP
Surr: 4-Bromofluorobenzene	79.9	70.6-123		%REC	212439	1	09/04/2015 13:40	NP
Surr: Dibromofluoromethane	109	78.7-124		%REC	212439	1	09/04/2015 13:40	NP
Surr: Toluene-d8	95.8	81.3-120		%REC	212439	1	09/04/2015 13:40	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.

Sample/Cooler Receipt Checklist

Client Arcadis Work Order Number 1509221

Checklist completed by [signature] 9/2/15
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 3.5 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.

Client: Arcadis
Project Name: Lafarge/East Point, GA
Workorder: 1509221

ANALYTICAL QC SUMMARY REPORT

BatchID: 212439

Sample ID: **MB-212439** Client ID: Units: **ug/L** Prep Date: **09/04/2015** Run No: **299342**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **212439** Analysis Date: **09/04/2015** Seq No: **6393433**

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: Arcadis
Project Name: Lafarge/East Point, GA
Workorder: 1509221

ANALYTICAL QC SUMMARY REPORT

BatchID: 212439

Sample ID: **MB-212439** Client ID: Units: **ug/L** Prep Date: **09/04/2015** Run No: **299342**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **212439** Analysis Date: **09/04/2015** Seq No: **6393433**

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	38.73	0	50.00		77.5	70.6	123				
Surr: Dibromofluoromethane	53.87	0	50.00		108	78.7	124				
Surr: Toluene-d8	48.04	0	50.00		96.1	81.3	120				

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: Arcadis
Project Name: Lafarge/East Point, GA
Workorder: 1509221

ANALYTICAL QC SUMMARY REPORT

BatchID: 212439

Sample ID: **LCS-212439**	Client ID:		Units: **ug/L**	Prep Date: **09/04/2015**	Run No: **299342**
SampleType: **LCS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **212439**	Analysis Date: **09/04/2015**	Seq No: **6393432**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.47	5.0	50.00		105	64.2	137				
Benzene	46.09	5.0	50.00		92.2	72.8	128				
Chlorobenzene	54.56	5.0	50.00		109	72.3	126				
Toluene	53.48	5.0	50.00		107	74.9	127				
Trichloroethene	52.63	5.0	50.00		105	70.5	134				
Surr: 4-Bromofluorobenzene	38.28	0	50.00		76.6	70.6	123				
Surr: Dibromofluoromethane	51.07	0	50.00		102	78.7	124				
Surr: Toluene-d8	47.12	0	50.00		94.2	81.3	120				

Sample ID: **1509277-001AMS**	Client ID:		Units: **ug/L**	Prep Date: **09/04/2015**	Run No: **299342**
SampleType: **MS**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **212439**	Analysis Date: **09/04/2015**	Seq No: **6393435**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	459200	50000	500000		91.8	60.5	156				
Benzene	448200	50000	500000		89.6	70	135				
Chlorobenzene	544500	50000	500000		109	70.5	132				
Toluene	519100	50000	500000	12700	101	70.5	137				
Trichloroethene	497200	50000	500000		99.4	71.8	139				
Surr: 4-Bromofluorobenzene	374300	0	500000		74.9	70.6	123				
Surr: Dibromofluoromethane	521800	0	500000		104	78.7	124				
Surr: Toluene-d8	466100	0	500000		93.2	81.3	120				

Sample ID: **1509277-001AMSD**	Client ID:		Units: **ug/L**	Prep Date: **09/04/2015**	Run No: **299342**
SampleType: **MSD**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **212439**	Analysis Date: **09/04/2015**	Seq No: **6393436**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	453300	50000	500000		90.7	60.5	156	459200	1.29	20	
Benzene	431000	50000	500000		86.2	70	135	448200	3.91	20	

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: Arcadis
Project Name: Lafarge/East Point, GA
Workorder: 1509221

ANALYTICAL QC SUMMARY REPORT

BatchID: 212439

Sample ID: **1509277-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **09/04/2015** Run No: **299342**
BatchID: **212439** Analysis Date: **09/04/2015** Seq No: **6393436**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	519900	50000	500000		104	70.5	132	544500	4.62	20	
Toluene	501000	50000	500000	12700	97.7	70.5	137	519100	3.55	20	
Trichloroethene	479200	50000	500000		95.8	71.8	139	497200	3.69	20	
Surr: 4-Bromofluorobenzene	374600	0	500000		74.9	70.6	123	374300	0	0	
Surr: Dibromofluoromethane	521600	0	500000		104	78.7	124	521800	0	0	
Surr: Toluene-d8	478600	0	500000		95.7	81.3	120	466100	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.

April 30, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge EP

Dear Greg Sitomer: Order No: 1504K95

Analytical Environmental Services, Inc. received 12 samples on 4/24/2015 11:36:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1504495

Date: 4/24/15 Page 1 of 1

COMPANY:	ADDRESS:
ARCADIS	1000 Cobb Place Blvd Bldg 500-N Kennesaw GA 30062
PHONE: 770-428-9009	FAX:
SAMPLED BY: Mark Myers	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) NR	ANALYSIS REQUESTED Metals - Lead	REMARKS	No # of Containers
1	SB-154 (0-1)	4/23/15	1355	✓		SO	1			
2	SB-154 (1-3)	4/23/15	1400	✓		SO	1			
3	SB-154 (3-5)	4/23/15	1405	✓		SO	1			
4	SB-155 (0-1)	4/23/15	1417	✓		SO	1			
5	SB-155 (1-3)	4/23/15	1422	✓		SO	1			
6	SB-155 (3-5)	4/23/15	1424	✓		SO	1			
7	SB-156 (0-1)	4/23/15	1433	✓		SO	1			
8	SB-156 (1-3)	4/23/15	1438	✓		SO	1			
9	SB-156 (3-5)	4/23/15	1440	✓		SO	1			
10	SB-157 (0-1)	4/23/15	1450	✓		SO	1			
11	SB-157 (1-3)	4/23/15	1458	✓		SO	1			
12	SB-157 (3-5)	4/23/15	1505	✓		SO	1			
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: Mark Myers	4-24-15 1057	1:	4-24-15 10:57
2:	4-24-15 11:36	2: Mary	4/24/15 11:36
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Latonia EP

PROJECT #: HTZ12446

SITE ADDRESS: 2421 Rainbow Martin Street

SEND REPORT TO: Greg Sitomer

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER

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 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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-154 (0-1)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 1:55:00 PM
Lab ID:	1504K95-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	193	5.81		mg/Kg-dry	206436	1	04/27/2015 12:59	JL
PERCENT MOISTURE D2216								
Percent Moisture	17.4	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-154 (1-3)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:00:00 PM
Lab ID:	1504K95-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	125	5.95		mg/Kg-dry	206436	1	04/27/2015 19:51	JL
PERCENT MOISTURE D2216								
Percent Moisture	20.6	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-154 (3-5)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:05:00 PM
Lab ID:	1504K95-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	20.2	6.21		mg/Kg-dry	206436	1	04/27/2015 19:55	JL
PERCENT MOISTURE D2216								
Percent Moisture	20.2	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-155 (0-1)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:12:00 PM
Lab ID:	1504K95-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	83.5	6.22		mg/Kg-dry	206436	1	04/27/2015 19:59	JL
PERCENT MOISTURE D2216								
Percent Moisture	20.9	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-155 (1-3)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:22:00 PM
Lab ID:	1504K95-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	336	5.43		mg/Kg-dry	206436	1	04/27/2015 20:02	JL
PERCENT MOISTURE D2216								
Percent Moisture	11.2	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-155 (3-5)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:24:00 PM
Lab ID:	1504K95-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	125	5.59		mg/Kg-dry	206436	1	04/27/2015 20:07	JL
PERCENT MOISTURE D2216								
Percent Moisture	11.8	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-156 (0-1)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:33:00 PM
Lab ID:	1504K95-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	275	5.42		mg/Kg-dry	206436	1	04/27/2015 20:11	JL
PERCENT MOISTURE D2216								
Percent Moisture	11.0	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-156 (1-3)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:38:00 PM
Lab ID:	1504K95-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	471	5.11		mg/Kg-dry	206436	1	04/27/2015 20:15	JL
PERCENT MOISTURE D2216								
Percent Moisture	4.28	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-156 (3-5)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:40:00 PM
Lab ID:	1504K95-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	534	5.06		mg/Kg-dry	206436	1	04/27/2015 20:20	JL
PERCENT MOISTURE D2216								
Percent Moisture	7.21	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-157 (0-1)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:50:00 PM
Lab ID:	1504K95-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	53.6	5.24		mg/Kg-dry	206436	1	04/27/2015 20:24	JL
PERCENT MOISTURE D2216								
Percent Moisture	7.62	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-157 (1-3)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 2:58:00 PM
Lab ID:	1504K95-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	10.6	5.66		mg/Kg-dry	206436	1	04/27/2015 20:28	JL
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R290893	1	04/30/2015 10:00	PF

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:** 30-Apr-15

Client:	Arcadis	**Client Sample ID:**	SB-157 (3-5)
Project Name:	Lafarge EP	**Collection Date:**	4/23/2015 3:05:00 PM
Lab ID:	1504K95-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	9.07	5.62		mg/Kg-dry	206436	1	04/27/2015 20:38	JL
PERCENT MOISTURE D2216								
Percent Moisture	15.8	0		wt%	R290893	1	04/30/2015 10:00	PF

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 Arcadis Work Order Number 1504K95

Checklist completed by [signature] 4/24/15
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 3.1 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: Arcadis
Project Name: Lafarge EP
Workorder: 1504K95

ANALYTICAL QC SUMMARY REPORT

BatchID: 206436

Sample ID: **MB-206436**	Client ID:			Units: **mg/Kg**	Prep Date: **04/24/2015**	Run No: **290639**
SampleType: **MBLK**	TestCode: **METALS, TOTAL** **SW6010C**			BatchID: **206436**	Analysis Date: **04/27/2015**	Seq No: **6181418**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	5.00									

Sample ID: **LCS-206436**	Client ID:			Units: **mg/Kg**	Prep Date: **04/24/2015**	Run No: **290639**
SampleType: **LCS**	TestCode: **METALS, TOTAL** **SW6010C**			BatchID: **206436**	Analysis Date: **04/27/2015**	Seq No: **6181419**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	49.30	5.00	50.00		98.6	80	120				

Sample ID: **1504K95-001AMS**	Client ID: **SB-154 (0-1)**			Units: **mg/Kg-dry**	Prep Date: **04/24/2015**	Run No: **290639**
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010C**			BatchID: **206436**	Analysis Date: **04/27/2015**	Seq No: **6181421**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	234.9	5.78	57.84	193.4	71.7	75	125				S

Sample ID: **1504K95-001AMSD**	Client ID: **SB-154 (0-1)**			Units: **mg/Kg-dry**	Prep Date: **04/24/2015**	Run No: **290639**
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010C**			BatchID: **206436**	Analysis Date: **04/27/2015**	Seq No: **6181422**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	209.1	5.77	57.68	193.4	27.3	75	125	234.9	11.6	20	S

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.

August 04, 2015

Chris Miller
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge East Point

Dear Chris Miller: Order No: 1507O40

Analytical Environmental Services, Inc. received 12 samples on July 29, 2015 1:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1507040

Date: 7-29-2015 Page 1 of 1

COMPANY:	ADDRESS:
Arcadis	1000 Cobb Place Blvd# 500-A Kennesaw, GA 30144
PHONE: 770-688-5472	FAX: 770-428-4004
SAMPLED BY: Josh Frizzell	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Lead	PRESERVATION (See codes) I	REMARKS	No # of Containers
1	SB-156 Confirm (0-1)	7-29-15	0950	X		SO	X			1
2	SB-156 Confirm (1-3)	7-29-15	0955				X			1
3	SB-156 Confirm (3-5)	7-29-15	1000				X			1
4	SB-156 Confirm (5-7)	7-29-15	1005				X			1
5	SB-157 (0-1)	7-29-15	1005				X			1
6	SB-157 (1-3)	7-29-15	1010				X			1
7	SB-157 (3-5)	7-29-15	1015				X			1
8	SB-157 (5-7)	7-29-15	1020				X			1
9	SB-158 (0-1)	7-29-15	1025				X			1
10	SB-158 (1-3)	7-29-15	1030				X			1
11	SB-158 (3-5)	7-29-15	1035				X			1
12	SB-158 (5-7)	7-29-15	1040	↓		↓	X			1
13										
14										

ANALYSIS REQUESTED

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:	7-29-15 / 1300	1: Cateya Reeves	7/29/15 1:00
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: LaFarge East Point

PROJECT #: HT12446.0015

SITE ADDRESS: 2675 N. Martin St East Point, GA

SEND REPORT TO: Chris Miller (Arcadis)

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers: 12

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

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 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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-156 CONFIRM (0-1)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 9:50:00 AM
Lab ID:	1507O40-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C					**(SW3050B)**			
Lead	193	4.92		mg/Kg-dry	210836	1	08/03/2015 16:50	TA
PERCENT MOISTURE D2216								
Percent Moisture	2.95	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-156 CONFIRM (1-3)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 9:55:00 AM
Lab ID:	1507O40-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	378	5.18		mg/Kg-dry	210836	1	08/04/2015 14:27	TA
PERCENT MOISTURE D2216								
Percent Moisture	8.33	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-156 CONFIRM (3-5)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:00:00 AM
Lab ID:	1507O40-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	1130	5.69		mg/Kg-dry	210836	1	08/04/2015 14:36	TA
PERCENT MOISTURE D2216								
Percent Moisture	13.1	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-156 CONFIRM (5-7)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:05:00 AM
Lab ID:	1507O40-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	23.5	5.82		mg/Kg-dry	210836	1	08/04/2015 14:39	TA
PERCENT MOISTURE D2216								
Percent Moisture	17.2	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-157 (0-1)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:05:00 AM
Lab ID:	1507O40-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	118	4.97		mg/Kg-dry	210836	1	08/04/2015 14:42	TA
PERCENT MOISTURE D2216								
Percent Moisture	6.54	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-157 (1-3)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:10:00 AM
Lab ID:	1507O40-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	29.0	5.39		mg/Kg-dry	210836	1	08/03/2015 17:38	TA
PERCENT MOISTURE D2216								
Percent Moisture	11.3	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-157 (3-5)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:15:00 AM
Lab ID:	1507O40-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	40.0	5.19		mg/Kg-dry	210836	1	08/03/2015 17:41	TA
PERCENT MOISTURE D2216								
Percent Moisture	9.92	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-157 (5-7)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:20:00 AM
Lab ID:	1507O40-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	15.8	5.79		mg/Kg-dry	210836	1	08/03/2015 17:44	TA
PERCENT MOISTURE D2216								
Percent Moisture	17.7	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-158 (0-1)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:25:00 AM
Lab ID:	1507O40-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	18.0	5.72		mg/Kg-dry	210836	1	08/03/2015 17:47	TA
PERCENT MOISTURE D2216								
Percent Moisture	15.6	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-158 (1-3)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:30:00 AM
Lab ID:	1507O40-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	57.0	5.68		mg/Kg-dry	210836	1	08/03/2015 17:50	TA
PERCENT MOISTURE D2216								
Percent Moisture	15.3	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-158 (3-5)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:35:00 AM
Lab ID:	1507O40-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	234	5.57		mg/Kg-dry	210836	1	08/03/2015 17:52	TA
PERCENT MOISTURE D2216								
Percent Moisture	15.5	0		wt%	R297251	1	08/04/2015 10:00	PF

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:** 4-Aug-15

Client:	Arcadis	**Client Sample ID:**	SB-158 (5-7)
Project Name:	Lafarge East Point	**Collection Date:**	7/29/2015 10:40:00 AM
Lab ID:	1507O40-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010C (SW3050B)								
Lead	17.9	5.82		mg/Kg-dry	210836	1	08/03/2015 17:55	TA
PERCENT MOISTURE D2216								
Percent Moisture	15.9	0		wt%	R297251	1	08/04/2015 10:00	PF

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 Arcadis Work Order Number 1507048

Checklist completed by [signature] 7/29/15
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 3.1 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.

Client: Arcadis
Project Name: Lafarge East Point
Workorder: 1507O40

ANALYTICAL QC SUMMARY REPORT

BatchID: 210836

Sample ID: **MB-210836**	Client ID:			Units: **mg/Kg**	Prep Date: **08/03/2015**	Run No: **297181**
SampleType: **MBLK**	TestCode: **METALS, TOTAL SW6010C**			BatchID: **210836**	Analysis Date: **08/03/2015**	Seq No: **6340916**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	BRL	5.00									

Sample ID: **LCS-210836**	Client ID:			Units: **mg/Kg**	Prep Date: **08/03/2015**	Run No: **297181**
SampleType: **LCS**	TestCode: **METALS, TOTAL SW6010C**			BatchID: **210836**	Analysis Date: **08/03/2015**	Seq No: **6340920**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	48.29	5.00	50.00		96.6	80	120				

Sample ID: **1507O40-001AMS**	Client ID: **SB-156 CONFIRM (0-1)**			Units: **mg/Kg-dry**	Prep Date: **08/03/2015**	Run No: **297181**
SampleType: **MS**	TestCode: **METALS, TOTAL SW6010C**			BatchID: **210836**	Analysis Date: **08/03/2015**	Seq No: **6340924**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	262.9	4.92	49.24	192.6	143	75	125				S

Sample ID: **1507O40-001AMSD**	Client ID: **SB-156 CONFIRM (0-1)**			Units: **mg/Kg-dry**	Prep Date: **08/03/2015**	Run No: **297181**
SampleType: **MSD**	TestCode: **METALS, TOTAL SW6010C**			BatchID: **210836**	Analysis Date: **08/04/2015**	Seq No: **6342450**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	264.1	4.92	49.24	192.6	145	75	125	262.9	0.473	20	S

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, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge Paint Marking

Dear Greg Sitomer: Order No: 1501E92

Analytical Environmental Services, Inc. received 3 samples on 1/21/2015 10:08:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1501E92

Date: 1-20-15 Page 1 of 1

COMPANY:	ADDRESS:
Arcadis	1000 Cobb Place Blvd Building 300A Kennesaw, GA 30144
PHONE: 770-428-9009	FAX: 770 428 0004
SAMPLED BY: Evan Jenkins	SIGNATURE: Evan Jenkins

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	TO-15	PRESERVATION (See codes)	REMARKS	No # of Containers
1	AS/SVE ONLY Z112 (012015)	1-2015	1454	✓		Air	i		PreAS	1
2	AS/SVE Z100 (01201S)	~~1-20-15~~ 1-20-15	1750	✓		Air	1		ASZA	1
3	AS/SVE Z200 (012015)	1-20-15	1901	✓		Air	1		ASZC	1
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.

ANALYSIS REQUESTED

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Evan Jenkins	1-21-15 1008	1: Catagh Reeves	1/21/15 10:08a
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 Paint Marking

PROJECT #: HT212446.0014.00002

SITE ADDRESS: 2675 R N Martin St East Point, GA

SEND REPORT TO: gregory.sitomer@arcadis-us.com

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 3

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 Results
for
Arcadis

Date: 27-Jan-15

Workorder: 1501E92

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
Client ID: AS/SVE ONLY Z1/2 (012015)	**Lab ID:** 1501E92-001A		**Date Sampled:** 1/20/2015		**Media:** Tedlar Bag		**Air Vol.(L):** 1			
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		1/22/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		1/22/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		1/22/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		1/22/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		1/22/2015	JMA	EPA18
Benzene	40	40.112	<10	40	13	10		1/23/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		1/22/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		1/22/2015	JMA	EPA18
cis-1,2-Dichloroethene	110	106.477	<10	110	27	10		1/22/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		1/22/2015	JMA	EPA18
Ethylbenzene	55	54.73	<10	55	13	10		1/22/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		1/22/2015	JMA	EPA18
m,p-Xylene	220	223.301	<20	220	51	20		1/22/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		1/22/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		1/22/2015	JMA	EPA18
n-Heptane	350	352.828	<10	350	86	10		1/22/2015	JMA	EPA18
n-Hexane	1200	1162.97	<10	1200	330	10		1/22/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		1/22/2015	JMA	EPA18
o-Xylene	57	56.571	<10	57	13	10		1/22/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		1/22/2015	JMA	EPA18
Toluene	620	619.318	<10	620	160	10		1/22/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		1/22/2015	JMA	EPA18
Trichloroethene	170	167.796	<10	170	31	10		1/22/2015	JMA	EPA18
TRPH (Based on Benzene)	7000	7001.57	<100	7000	2200	100		1/22/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		1/22/2015	JMA	EPA18
Client ID: AS/SVE Z100 (012015)	**Lab ID:** 1501E92-002A		**Date Sampled:** 1/20/2015		**Media:** Tedlar Bag		**Air Vol.(L):** 1			
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		1/22/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		1/22/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		1/22/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		1/22/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		1/22/2015	JMA	EPA18
Benzene	55	55.013	<10	55	17	10		1/23/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		1/22/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		1/22/2015	JMA	EPA18
cis-1,2-Dichloroethene	90	89.978	<10	90	23	10		1/22/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		1/22/2015	JMA	EPA18
Ethylbenzene	62	62.422	<10	62	14	10		1/22/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		1/22/2015	JMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Results
for
Arcadis

Date: 27-Jan-15

Workorder: 1501E92

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
m,p-Xylene	270	265.526	<20	270	61	20		1/22/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		1/22/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		1/22/2015	JMA	EPA18
n-Heptane	460	457.249	<10	460	110	10		1/22/2015	JMA	EPA18
n-Hexane	1200	1203.41	<10	1200	340	10		1/22/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		1/22/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		1/22/2015	JMA	EPA18
Toluene	770	771.195	<10	770	210	10		1/22/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		1/22/2015	JMA	EPA18
o-Xylene	67	67.485	<10	67	16	10		1/22/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		1/22/2015	JMA	EPA18
Trichloroethene	180	183.769	<10	180	34	10		1/22/2015	JMA	EPA18
TRPH (Based on Benzene)	8100	8091.05	<100	8100	2500	100		1/22/2015	JMA	EPA18

Client ID: AS/SVE Z200 (012015) **Lab ID:** 1501E92-003A **Date Sampled:** 1/20/2015 **Media:** Tedlar Bag **Air Vol.(L):** 1

1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		1/22/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		1/22/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		1/22/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		1/22/2015	JMA	EPA18
Benzene	60	59.592	<10	60	19	10		1/23/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		1/22/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		1/22/2015	JMA	EPA18
cis-1,2-Dichloroethene	120	120.612	<10	120	30	10		1/22/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		1/22/2015	JMA	EPA18
Ethylbenzene	50	49.703	<10	50	11	10		1/22/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		1/22/2015	JMA	EPA18
m,p-Xylene	210	212.881	<20	210	49	20		1/22/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		1/22/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		1/22/2015	JMA	EPA18
n-Heptane	430	429.927	<10	430	110	10		1/22/2015	JMA	EPA18
n-Hexane	1400	1443.16	<10	1400	410	10		1/22/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		1/22/2015	JMA	EPA18
o-Xylene	55	55.074	<10	55	13	10		1/22/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		1/22/2015	JMA	EPA18
Toluene	700	700.727	<10	700	190	10		1/22/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		1/22/2015	JMA	EPA18
Trichloroethene	200	198.48	<10	200	37	10		1/22/2015	JMA	EPA18
TRPH (Based on Benzene)	8500	8523.77	<100	8500	2700	100		1/22/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		1/22/2015	JMA	EPA18
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		1/22/2015	JMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Arcadis Work Order Number 1501E92

Checklist completed by _____ 1/21/15
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? GM 1/21/15 Yes ✓ No __ Not Present __

Container/Temp Blank temperature in compliance? ~~(0°≤6°C)*~~ Yes ✓ No __

Cooler #1 amb. 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

Analytical Environmental Services, Inc

Date: 27-Jan-15

Client: Arcadis
Project Name: Lafarge Paint Marking
Lab Order: 1501E92

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1501E92-001A	AS/SVE ONLY Z1/2 (012015)	1/20/2015 2:54:00PM	Air	Aromatic Volatiles in Air		1/21/2015 1:43:29 PM	01/22/2015
1501E92-001A	AS/SVE ONLY Z1/2 (012015)	1/20/2015 2:54:00PM	Air	Aromatic Volatiles in Air		1/21/2015 1:43:29 PM	01/23/2015
1501E92-001A	AS/SVE ONLY Z1/2 (012015)	1/20/2015 2:54:00PM	Air	Chlorinated Volatiles in Air		1/21/2015 1:43:29 PM	01/22/2015
1501E92-001A	AS/SVE ONLY Z1/2 (012015)	1/20/2015 2:54:00PM	Air	Volatile Hydrocarbons in Air		1/21/2015 1:43:29 PM	01/22/2015
1501E92-002A	AS/SVE Z100 (012015)	1/20/2015 5:50:00PM	Air	Aromatic Volatiles in Air		1/21/2015 1:43:29 PM	01/22/2015
1501E92-002A	AS/SVE Z100 (012015)	1/20/2015 5:50:00PM	Air	Aromatic Volatiles in Air		1/21/2015 1:43:29 PM	01/23/2015
1501E92-002A	AS/SVE Z100 (012015)	1/20/2015 5:50:00PM	Air	Chlorinated Volatiles in Air		1/21/2015 1:43:29 PM	01/22/2015
1501E92-002A	AS/SVE Z100 (012015)	1/20/2015 5:50:00PM	Air	Volatile Hydrocarbons in Air		1/21/2015 1:43:29 PM	01/22/2015
1501E92-003A	AS/SVE Z200 (012015)	1/20/2015 7:01:00PM	Air	Aromatic Volatiles in Air		1/21/2015 1:43:29 PM	01/22/2015
1501E92-003A	AS/SVE Z200 (012015)	1/20/2015 7:01:00PM	Air	Aromatic Volatiles in Air		1/21/2015 1:43:29 PM	01/23/2015
1501E92-003A	AS/SVE Z200 (012015)	1/20/2015 7:01:00PM	Air	Chlorinated Volatiles in Air		1/21/2015 1:43:29 PM	01/22/2015
1501E92-003A	AS/SVE Z200 (012015)	1/20/2015 7:01:00PM	Air	Volatile Hydrocarbons in Air		1/21/2015 1:43:29 PM	01/22/2015

Client: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1501E92

ANALYTICAL QC SUMMARY REPORT

BatchID: 201989

Sample ID: **MB-201989**	Client ID:				Units: **ug, Total**	Prep Date: **01/21/2015**	Run No: **284295**
SampleType: **MBLK**	TestCode: **Volatile Hydrocarbons in Air EPA18**				BatchID: **201989**	Analysis Date: **01/22/2015**	Seq No: **6027019**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	10									
Diethyl ether	BRL	10									
n-Heptane	BRL	10									
n-Hexane	BRL	10									

Sample ID: **MB-201989**	Client ID:				Units: **ug, Total**	Prep Date: **01/21/2015**	Run No: **284296**
SampleType: **MBLK**	TestCode: **Aromatic Volatiles in Air EPA18**				BatchID: **201989**	Analysis Date: **01/22/2015**	Seq No: **6027031**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	10									
Ethylbenzene	BRL	10									
m,p-Xylene	BRL	20									
Methyl tert-butyl ether	BRL	10									
Naphthalene	BRL	10									
o-Xylene	BRL	10									
Toluene	BRL	10									
TRPH (Based on Benzene)	BRL	100									

Sample ID: **MB-201989**	Client ID:				Units: **ug, Total**	Prep Date: **01/21/2015**	Run No: **284294**
SampleType: **MBLK**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **201989**	Analysis Date: **01/22/2015**	Seq No: **6027600**

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	10									
1,1-Dichloroethene	BRL	10									
Carbon tetrachloride	BRL	10									
Chloroform	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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1501E92

ANALYTICAL QC SUMMARY REPORT

BatchID: 201989

Sample ID: **MB-201989** Client ID: Units: **ug, Total** Prep Date: **01/21/2015** Run No: **284294**
SampleType: **MBLK** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **201989** Analysis Date: **01/22/2015** Seq No: **6027600**

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	10									
Freon 141B	BRL	10									
Methylene chloride	BRL	10									
Tetrachloroethene	BRL	10									
trans-1,2-Dichloroethene	BRL	10									
Trichloroethene	BRL	10									
Vinyl chloride	BRL	10									

Sample ID: **LCS-201989** Client ID: Units: **ug, Total** Prep Date: **01/21/2015** Run No: **284295**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **201989** Analysis Date: **01/22/2015** Seq No: **6027020**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	86.99	10	100.0		87.0	82	120				
4-Methyl-2-pentanone	91.81	10	100.0		91.8	85	120				
Acetone	76.02	10	100.0		76.0	66.3	120				
Diethyl ether	92.91	10	100.0		92.9	85	120				
n-Heptane	97.91	10	100.0		97.9	85	120				
n-Hexane	99.45	10	100.0		99.5	85	121				

Sample ID: **LCS-201989** Client ID: Units: **ug, Total** Prep Date: **01/21/2015** Run No: **284296**
SampleType: **LCS** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **201989** Analysis Date: **01/22/2015** Seq No: **6027032**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	95.78	10	100.0		95.8	80	119				
Ethylbenzene	97.26	10	100.0		97.3	80	122				
m,p-Xylene	192.1	20	200.0		96.0	80	120				
Methyl tert-butyl ether	87.17	10	100.0		87.2	72.7	120				
Naphthalene	39.50	10	100.0		39.5	36.8	100				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1501E92

ANALYTICAL QC SUMMARY REPORT

BatchID: 201989

Sample ID: **LCS-201989**	Client ID:			Units: **ug, Total**	Prep Date: **01/21/2015**	Run No: **284296**
SampleType: **LCS**	TestCode: **Aromatic Volatiles in Air EPA18**			BatchID: **201989**	Analysis Date: **01/22/2015**	Seq No: **6027032**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
o-Xylene	91.33	10	100.0		91.3	80	115				
Toluene	94.57	10	100.0		94.6	80	118				

Sample ID: **LCS-201989**	Client ID:			Units: **ug, Total**	Prep Date: **01/21/2015**	Run No: **284294**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **201989**	Analysis Date: **01/22/2015**	Seq No: **6027601**

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	95.82	10	100.0		95.8	85	118				
Carbon tetrachloride	95.26	10	100.0		95.3	85	121				
Chloroform	93.40	10	100.0		93.4	85	120				
Methylene chloride	92.56	10	100.0		92.6	85	120				
Tetrachloroethene	93.31	10	100.0		93.3	85	117				
Trichloroethene	95.06	10	100.0		95.1	85	120				

Sample ID: **LCS-201989-2**	Client ID:			Units: **ug, Total**	Prep Date: **01/21/2015**	Run No: **284294**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **201989**	Analysis Date: **01/22/2015**	Seq No: **6027603**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	90.72	10	100.0		90.7	85	120				
cis-1,2-Dichloroethene	96.62	10	100.0		96.6	85	117				
trans-1,2-Dichloroethene	96.78	10	100.0		96.8	85	120				

Sample ID: **LCS-201989-3**	Client ID:			Units: **ug, Total**	Prep Date: **01/21/2015**	Run No: **284294**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **201989**	Analysis Date: **01/22/2015**	Seq No: **6027605**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	17.61	10	25.00		70.5	62.3	126				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1501E92

ANALYTICAL QC SUMMARY REPORT

BatchID: 201989

Sample ID: **LCSD-201989** Client ID: Units: **ug, Total** Prep Date: **01/21/2015** Run No: **284295**
SampleType: **LCSD** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **201989** Analysis Date: **01/22/2015** Seq No: **6027021**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	89.89	10	100.0		89.9	82	120	86.99	3.28	15	
4-Methyl-2-pentanone	95.51	10	100.0		95.5	85	120	91.81	3.95	15	
Acetone	78.77	10	100.0		78.8	66.3	120	76.02	3.55	15	
Diethyl ether	95.07	10	100.0		95.1	85	120	92.91	2.30	15	
n-Heptane	101.4	10	100.0		101	85	120	97.91	3.47	15	
n-Hexane	102.5	10	100.0		103	85	121	99.45	3.05	15	

Sample ID: **LCSD-201989** Client ID: Units: **ug, Total** Prep Date: **01/21/2015** Run No: **284296**
SampleType: **LCSD** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **201989** Analysis Date: **01/22/2015** Seq No: **6027033**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	98.94	10	100.0		98.9	80	119	95.78	3.25	15	
Ethylbenzene	99.29	10	100.0		99.3	80	122	97.26	2.07	15	
m,p-Xylene	196.1	20	200.0		98.1	80	120	192.1	2.09	15	
Methyl tert-butyl ether	89.90	10	100.0		89.9	72.7	120	87.17	3.08	15	
Naphthalene	39.35	10	100.0		39.3	36.8	100	39.50	0.378	15	
o-Xylene	93.17	10	100.0		93.2	80	115	91.33	1.99	15	
Toluene	98.46	10	100.0		98.5	80	118	94.57	4.03	15	

Sample ID: **LCSD-201989** Client ID: Units: **ug, Total** Prep Date: **01/21/2015** Run No: **284294**
SampleType: **LCSD** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **201989** Analysis Date: **01/22/2015** Seq No: **6027602**

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	98.47	10	100.0		98.5	85	118	95.82	2.73	15	
Carbon tetrachloride	97.89	10	100.0		97.9	85	121	95.26	2.72	15	
Chloroform	95.11	10	100.0		95.1	85	120	93.40	1.82	15	
Methylene chloride	96.28	10	100.0		96.3	85	120	92.56	3.93	15	
Tetrachloroethene	95.90	10	100.0		95.9	85	117	93.31	2.73	15	

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1501E92

ANALYTICAL QC SUMMARY REPORT

BatchID: 201989

Sample ID: **LCSD-201989**	Client ID:				Units: **ug, Total**		Prep Date: **01/21/2015**		Run No: **284294**	
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **201989**		Analysis Date: **01/22/2015**		Seq No: **6027602**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Trichloroethene	98.51	10	100.0		98.5	85	120	95.06	3.56	15	

Sample ID: **LCSD-201989-2**	Client ID:				Units: **ug, Total**		Prep Date: **01/21/2015**		Run No: **284294**	
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **201989**		Analysis Date: **01/22/2015**		Seq No: **6027604**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	92.25	10	100.0		92.3	85	120	90.72	1.68	15	
cis-1,2-Dichloroethene	98.16	10	100.0		98.2	85	117	96.62	1.58	15	
trans-1,2-Dichloroethene	97.83	10	100.0		97.8	85	120	96.78	1.08	15	

Sample ID: **LCSD-201989-3**	Client ID:				Units: **ug, Total**		Prep Date: **01/21/2015**		Run No: **284294**	
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **201989**		Analysis Date: **01/22/2015**		Seq No: **6027606**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	17.41	10	25.00		69.7	62.3	126	17.61	1.14	19.2	

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.

February 06, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge Point Marking

Dear Greg Sitomer: Order No: 1501N84

Analytical Environmental Services, Inc. received 3 samples on 1/30/2015 9:12:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive, Atlanta, GA 30340-3704
Tel.: (770) 457-8177 (800) 972-4889
www.aesatlanta.com

1501N84

CHAIN OF CUSTODY FORM FOR AIR SAMPLE ANALYSIS

Client Name: Arcadis
Contact: Greg Sitomer gregory.sitomer@arcadis-us.com
Project Name/#: Lafarge Point Marking HT2124446.0014.00002
Address: 1000 Cobb Place Blvd NE Suite Building 500A Kennesaw, GA 30144
Phone: 770 428 9009 cell 7705201078
Fax: 770 428 4004
Samplers Name: Ivan Jenkins
Sampling Date: All 3 samples on 1-29-15

SAMPLE ID	SAMPLE DESCRIPTION (e.g. Locations, Name, etc)	PUMP NUMBER	TIME		FLOW RATE			VOLUME	ANALYSIS REQUESTED/REMARKS
			START	END	INITIAL	FINAL	AVG		
SVE ONLY Z394(012915)	C3 INF	NONE	1103	1103	N/A	N/A	N/A	1L Tedlar	TO-15
AS/SVE Z300(012915)	C3 INF	"	1515	1515	"	"	"	1L Tedlar	TO-15
AS/SVE Z400(012915)	C3 INF	"	1937	1937	"	"	"	1L Tedlar	TO-15

Turnaround Time: Normal (5 days): ☒ 3 Days Rush: ☐ 2 Days Rush: ☐ Next Day Rush: ☐

Comments:

Relinquished By:	Ivan Jenkins	Date/Time	1-30-15 0912
Received By:		Date/Time	
Relinquished By:		Date/Time	
Received By:		Date/Time	

Delivered Direct to Lab: ☒ Shipped: ☐
Method of Shipment: Client
Lab Recipient: Catayo Reeves
Date: 1/30/15 9:12a

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE FOLLOWING BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

Analytical Results for Arcadis

Date: 6-Feb-15

Workorder: 1501N84

Client Reference: Lafarge Point Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
Client ID: SVE ONLY Z3+4 (012915)	**Lab ID:** 1501N84-001A		**Date Sampled:** 1/29/2015		**Media:** Tedlar Bag		**Air Vol.(L):** 1			
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		2/4/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/4/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		2/4/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		2/4/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		2/4/2015	JMA	EPA18
Benzene	110	113.43	<10	110	36	10		2/5/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		2/4/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		2/4/2015	JMA	EPA18
cis-1,2-Dichloroethene	38	16.556	21.215	38	9.5	10	(a)	2/4/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		2/4/2015	JMA	EPA18
Ethylbenzene	72	72.171	<10	72	17	10		2/4/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		2/4/2015	JMA	EPA18
m,p-Xylene	250	247.669	<20	250	57	20		2/4/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		2/4/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		2/4/2015	JMA	EPA18
n-Heptane	1200	1161.64	27.953	1200	290	10		2/4/2015	JMA	EPA18
n-Hexane	4200	3681.7	521.175	4200	1200	200	(a)	2/4/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		2/4/2015	JMA	EPA18
o-Xylene	44	43.667	<10	44	10	10		2/4/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		2/4/2015	JMA	EPA18
Toluene	600	598.464	<10	600	160	10		2/4/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/4/2015	JMA	EPA18
Trichloroethene	<10	<10	<10	<10	<1.9	10		2/4/2015	JMA	EPA18
TRPH (Based on Benzene)	19000	17218.9	2232.77	19000	6100	100	(a)	2/4/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		2/4/2015	JMA	EPA18
Client ID: AS/SVE Z300 (012915)	**Lab ID:** 1501N84-002A		**Date Sampled:** 1/29/2015		**Media:** Tedlar Bag		**Air Vol.(L):** 1			
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		2/4/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/4/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		2/4/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		2/4/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		2/4/2015	JMA	EPA18
Benzene	190	137.989	56.049	190	61	10	(a)	2/5/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		2/4/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		2/4/2015	JMA	EPA18
cis-1,2-Dichloroethene	92	52.484	39.784	92	23	10	(a)	2/4/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		2/4/2015	JMA	EPA18
Ethylbenzene	86	85.875	<10	86	20	10		2/4/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		2/4/2015	JMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Results
for
Arcadis

Date: 6-Feb-15

Workorder: 1501N84

Client Reference: Lafarge Point Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
m,p-Xylene	310	307.577	<20	310	71	20		2/4/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		2/4/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		2/4/2015	JMA	EPA18
n-Heptane	1700	1539.79	191.09	1700	420	10	(a)	2/4/2015	JMA	EPA18
n-Hexane	8700	5077.93	3629.26	8700	2500	100	(a)	2/4/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		2/4/2015	JMA	EPA18
o-Xylene	56	56.465	<10	56	13	10		2/4/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		2/4/2015	JMA	EPA18
Toluene	1200	1155.48	14.068	1200	310	10		2/4/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/4/2015	JMA	EPA18
Trichloroethene	19	0	18.781	19	3.5	10	(a)	2/4/2015	JMA	EPA18
TRPH (Based on Benzene)	33000	22810	10507.6	33000	10000	100	(a)	2/4/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		2/4/2015	JMA	EPA18

Client ID: AS/SVE Z400 (012915) **Lab ID:** 1501N84-003A **Date Sampled:** 1/29/2015 **Media:** Tedlar Bag **Air Vol.(L):** 1

1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		2/4/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/4/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		2/4/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		2/4/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		2/4/2015	JMA	EPA18
Benzene	240	150.705	88.141	240	75	10	(a)	2/5/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		2/4/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		2/4/2015	JMA	EPA18
cis-1,2-Dichloroethene	64	38.474	25.963	64	16	10	(a)	2/4/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		2/4/2015	JMA	EPA18
Ethylbenzene	100	103.632	<10	100	24	10		2/4/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		2/4/2015	JMA	EPA18
m,p-Xylene	380	381.249	<20	380	88	20		2/4/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		2/4/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		2/4/2015	JMA	EPA18
n-Heptane	2700	2073.66	665.921	2700	670	100	(a)	2/4/2015	JMA	EPA18
n-Hexane	10000	6254.96	4143.06	10000	3000	100	(a)	2/4/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		2/4/2015	JMA	EPA18
o-Xylene	67	67.476	<10	67	16	10		2/4/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		2/4/2015	JMA	EPA18
Toluene	1200	1100.09	59.598	1200	310	10		2/4/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/4/2015	JMA	EPA18
Trichloroethene	<10	<10	<10	<10	<1.9	10		2/4/2015	JMA	EPA18
TRPH (Based on Benzene)	37000	25547.2	11684.8	37000	12000	100	(a)	2/4/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		2/4/2015	JMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Arcadis-Atlanta Work Order Number 1501N84

Checklist completed by Joana Pacuvar 1/30/15
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)~~* IP 1/30 Yes ✓ No __

Cooler #1 Amb 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

Analytical Environmental Services, Inc

Date: 6-Feb-15

Client: Arcadis
Project Name: Lafarge Point Marking
Lab Order: 1501N84

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1501N84-001A	SVE ONLY Z3+4 (012915)	1/29/2015 11:03:00AM	Air	Aromatic Volatiles in Air		1/30/2015 12:51:20 PM	02/04/2015
1501N84-001A	SVE ONLY Z3+4 (012915)	1/29/2015 11:03:00AM	Air	Aromatic Volatiles in Air		1/30/2015 12:51:20 PM	02/05/2015
1501N84-001A	SVE ONLY Z3+4 (012915)	1/29/2015 11:03:00AM	Air	Chlorinated Volatiles in Air		1/30/2015 12:51:20 PM	02/04/2015
1501N84-001A	SVE ONLY Z3+4 (012915)	1/29/2015 11:03:00AM	Air	Volatile Hydrocarbons in Air		1/30/2015 12:51:20 PM	02/04/2015
1501N84-002A	AS/SVE Z300 (012915)	1/29/2015 3:15:00PM	Air	Aromatic Volatiles in Air		1/30/2015 12:51:20 PM	02/04/2015
1501N84-002A	AS/SVE Z300 (012915)	1/29/2015 3:15:00PM	Air	Aromatic Volatiles in Air		1/30/2015 12:51:20 PM	02/05/2015
1501N84-002A	AS/SVE Z300 (012915)	1/29/2015 3:15:00PM	Air	Chlorinated Volatiles in Air		1/30/2015 12:51:20 PM	02/04/2015
1501N84-002A	AS/SVE Z300 (012915)	1/29/2015 3:15:00PM	Air	Volatile Hydrocarbons in Air		1/30/2015 12:51:20 PM	02/04/2015
1501N84-003A	AS/SVE Z400 (012915)	1/29/2015 7:37:00PM	Air	Aromatic Volatiles in Air		1/30/2015 12:51:20 PM	02/04/2015
1501N84-003A	AS/SVE Z400 (012915)	1/29/2015 7:37:00PM	Air	Aromatic Volatiles in Air		1/30/2015 12:51:20 PM	02/05/2015
1501N84-003A	AS/SVE Z400 (012915)	1/29/2015 7:37:00PM	Air	Chlorinated Volatiles in Air		1/30/2015 12:51:20 PM	02/04/2015
1501N84-003A	AS/SVE Z400 (012915)	1/29/2015 7:37:00PM	Air	Volatile Hydrocarbons in Air		1/30/2015 12:51:20 PM	02/04/2015

Client: Arcadis
Project Name: Lafarge Point Marking
Workorder: 1501N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 202464

Sample ID: **MB-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285121**
SampleType: **MBLK** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **202464** Analysis Date: **02/03/2015** Seq No: **6047453**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	10									
Diethyl ether	BRL	10									
n-Heptane	BRL	10									
n-Hexane	BRL	10									

Sample ID: **MB-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285122**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/03/2015** Seq No: **6047460**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	10									
Ethylbenzene	BRL	10									
m,p-Xylene	BRL	20									
Methyl tert-butyl ether	BRL	10									
Naphthalene	BRL	10									
o-Xylene	BRL	10									
Toluene	BRL	10									
TRPH (Based on Benzene)	BRL	100									

Sample ID: **MB-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285120**
SampleType: **MBLK** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/03/2015** Seq No: **6047470**

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	10									
1,1-Dichloroethene	BRL	10									
Carbon tetrachloride	BRL	10									
Chloroform	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: Arcadis
Project Name: Lafarge Point Marking
Workorder: 1501N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 202464

Sample ID: **MB-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285120**
SampleType: **MBLK** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/03/2015** Seq No: **6047470**

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	10									
Freon 141B	BRL	10									
Methylene chloride	BRL	10									
Tetrachloroethene	BRL	10									
trans-1,2-Dichloroethene	BRL	10									
Trichloroethene	BRL	10									
Vinyl chloride	BRL	10									

Sample ID: **LCS-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285121**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **202464** Analysis Date: **02/03/2015** Seq No: **6047454**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	90.81	10	100.0		90.8	82	120				
4-Methyl-2-pentanone	96.22	10	100.0		96.2	85	120				
Acetone	80.53	10	100.0		80.5	66.3	120				
Diethyl ether	99.47	10	100.0		99.5	85	120				
n-Heptane	103.5	10	100.0		103	85	120				
n-Hexane	106.2	10	100.0		106	85	121				

Sample ID: **LCS-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285122**
SampleType: **LCS** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/03/2015** Seq No: **6047461**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	102.7	10	100.0		103	80	119				
Ethylbenzene	104.0	10	100.0		104	80	122				
m,p-Xylene	204.5	20	200.0		102	80	120				
Methyl tert-butyl ether	86.12	10	100.0		86.1	72.7	120				
Naphthalene	41.02	10	100.0		41.0	36.8	100				

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: Arcadis
Project Name: Lafarge Point Marking
Workorder: 1501N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 202464

Sample ID: **LCS-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285122**
SampleType: **LCS** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/03/2015** Seq No: **6047461**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
o-Xylene	95.97	10	100.0		96.0	80	115				
Toluene	101.9	10	100.0		102	80	118				

Sample ID: **LCS-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285120**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/03/2015** Seq No: **6047471**

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	102.9	10	100.0		103	85	118				
Carbon tetrachloride	104.7	10	100.0		105	85	121				
Chloroform	99.46	10	100.0		99.5	85	120				
Methylene chloride	102.8	10	100.0		103	85	120				
Tetrachloroethene	100.9	10	100.0		101	85	117				
Trichloroethene	105.1	10	100.0		105	85	120				

Sample ID: **LCS-202464-2** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285120**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/04/2015** Seq No: **6047473**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	97.04	10	100.0		97.0	85	120				
cis-1,2-Dichloroethene	100.4	10	100.0		100	85	117				
trans-1,2-Dichloroethene	101.8	10	100.0		102	85	120				

Sample ID: **LCS-202464-3** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285120**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/04/2015** Seq No: **6047475**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	20.36	10	25.00		81.4	62.3	126				

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: Arcadis
Project Name: Lafarge Point Marking
Workorder: 1501N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 202464

Sample ID: **LCSD-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285121**
SampleType: **LCSD** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **202464** Analysis Date: **02/04/2015** Seq No: **6047455**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	89.46	10	100.0		89.5	82	120	90.81	1.49	15	
4-Methyl-2-pentanone	94.93	10	100.0		94.9	85	120	96.22	1.35	15	
Acetone	78.97	10	100.0		79.0	66.3	120	80.53	1.96	15	
Diethyl ether	98.59	10	100.0		98.6	85	120	99.47	0.893	15	
n-Heptane	102.5	10	100.0		102	85	120	103.5	0.949	15	
n-Hexane	104.9	10	100.0		105	85	121	106.2	1.26	15	

Sample ID: **LCSD-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285122**
SampleType: **LCSD** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/04/2015** Seq No: **6047462**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	101.7	10	100.0		102	80	119	102.7	0.954	15	
Ethylbenzene	102.1	10	100.0		102	80	122	104.0	1.81	15	
m,p-Xylene	201.2	20	200.0		101	80	120	204.5	1.65	15	
Methyl tert-butyl ether	84.74	10	100.0		84.7	72.7	120	86.12	1.61	15	
Naphthalene	41.72	10	100.0		41.7	36.8	100	41.02	1.68	15	
o-Xylene	94.36	10	100.0		94.4	80	115	95.97	1.69	15	
Toluene	100.6	10	100.0		101	80	118	101.9	1.29	15	

Sample ID: **LCSD-202464** Client ID: Units: **ug, Total** Prep Date: **01/30/2015** Run No: **285120**
SampleType: **LCSD** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **202464** Analysis Date: **02/04/2015** Seq No: **6047472**

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	101.8	10	100.0		102	85	118	102.9	1.07	15	
Carbon tetrachloride	103.3	10	100.0		103	85	121	104.7	1.26	15	
Chloroform	98.49	10	100.0		98.5	85	120	99.46	0.977	15	
Methylene chloride	100.9	10	100.0		101	85	120	102.8	1.89	15	
Tetrachloroethene	99.98	10	100.0		100.0	85	117	100.9	0.940	15	

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: Arcadis
Project Name: Lafarge Point Marking
Workorder: 1501N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 202464

Sample ID: **LCSD-202464**	Client ID:				Units: **ug, Total**		Prep Date: **01/30/2015**		Run No: **285120**	
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **202464**		Analysis Date: **02/04/2015**		Seq No: **6047472**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Trichloroethene	104.3	10	100.0		104	85	120	105.1	0.741	15	

Sample ID: **LCSD-202464-2**	Client ID:				Units: **ug, Total**		Prep Date: **01/30/2015**		Run No: **285120**	
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **202464**		Analysis Date: **02/04/2015**		Seq No: **6047474**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	99.81	10	100.0		99.8	85	120	97.04	2.82	15	
cis-1,2-Dichloroethene	104.6	10	100.0		105	85	117	100.4	4.12	15	
trans-1,2-Dichloroethene	104.9	10	100.0		105	85	120	101.8	3.05	15	

Sample ID: **LCSD-202464-3**	Client ID:				Units: **ug, Total**		Prep Date: **01/30/2015**		Run No: **285120**	
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **202464**		Analysis Date: **02/04/2015**		Seq No: **6047476**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	19.84	10	25.00		79.3	62.3	126	20.36	2.61	19.2	

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.

March 03, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge Paint Marking

Dear Greg Sitomer: Order No: 1502J69

Analytical Environmental Services, Inc. received 2 samples on 2/24/2015 3:19:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1502J69

Date: 2-23-15 Page 1 of 1

COMPANY:	ADDRESS:
Arcadis	1000 Cobb Place Blvd Building 500A Kennesaw GA 30144
PHONE: 7704289009	FAX: 7704284001
SAMPLED BY: Ivan Jenkins	SIGNATURE: Ivan Jenkins

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	AS/SVE Z300 (022315)	2-23-15	2027	✓		Air	1	2027 - time	1
2	AS/SVE Z400 (022315)	2-23-15	1921	✓		Air	1	1921 - time	1
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED: TO-15

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: Ivan Jenkins	2-24-15 1519	1: Latoya Reeves	2/24/15 3:19p
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Lafarge Paint Marking
PROJECT #: AT212446.0014.00002
SITE ADDRESS: 2675 N Martin ST East Point, GA
SEND REPORT TO: gregory.sitomer@arcadis-us.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

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 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 Results
for
Arcadis

Date: 5-Mar-15

Workorder: 1502J69

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
Client ID: AS/SVE 2300 (022315)	**Lab ID:** 1502J69-001A		**Date Sampled:** 2/23/2015		**Media:** Tedlar Bag			**Air Vol.(L):** 1		
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		2/26/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/26/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		2/26/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		2/26/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		2/26/2015	JMA	EPA18
Benzene	93	93.068	<10	93	29	10		2/27/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		2/26/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		2/26/2015	JMA	EPA18
cis-1,2-Dichloroethene	50	49.713	<10	50	12	10		2/26/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		2/26/2015	JMA	EPA18
Ethylbenzene	47	46.912	<10	47	11	10		2/26/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		2/26/2015	JMA	EPA18
m,p-Xylene	180	175.66	<20	180	40	20		2/26/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		2/26/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		2/26/2015	JMA	EPA18
n-Heptane	830	829.31	<10	830	200	10		2/26/2015	JMA	EPA18
n-Hexane	2400	2417.14	18.571	2400	690	200		2/27/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		2/26/2015	JMA	EPA18
o-Xylene	36	35.682	<10	36	8.2	10		2/26/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		2/26/2015	JMA	EPA18
Toluene	1000	1042.23	<10	1000	280	10		2/26/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/26/2015	JMA	EPA18
Trichloroethene	82	82.284	<10	82	15	10		2/26/2015	JMA	EPA18
TRPH (Based on Benzene)	13000	12527.8	<100	13000	3900	100		2/26/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		2/26/2015	JMA	EPA18
Client ID: AS/SVE 2400 (022315)	**Lab ID:** 1502J69-002A		**Date Sampled:** 2/23/2015		**Media:** Tedlar Bag			**Air Vol.(L):** 1		
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		2/26/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/26/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		2/26/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		2/26/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		2/26/2015	JMA	EPA18
Benzene	110	114.672	<10	110	36	10		2/27/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		2/26/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		2/26/2015	JMA	EPA18
cis-1,2-Dichloroethene	57	39.44	18.054	57	14	10	(a)	2/26/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		2/26/2015	JMA	EPA18
Ethylbenzene	64	63.7	<10	64	15	10		2/26/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		2/26/2015	JMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)

H Holding time for preparation or analysis

B Analyte detected in the associated Method Blank

(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Results
for
Arcadis

Date: 5-Mar-15

Workorder: 1502J69

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
m,p-Xylene	250	247.406	<20	250	57	20		2/26/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		2/26/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		2/26/2015	JMA	EPA18
n-Heptane	1100	1129.75	<10	1100	280	10		2/26/2015	JMA	EPA18
n-Hexane	2900	2871.82	40.344	2900	830	200		2/27/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		2/26/2015	JMA	EPA18
o-Xylene	50	49.768	<10	50	12	10		2/26/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		2/26/2015	JMA	EPA18
Toluene	1200	1176.17	<10	1200	310	10		2/26/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		2/26/2015	JMA	EPA18
Trichloroethene	89	88.522	<10	89	16	10		2/26/2015	JMA	EPA18
TRPH (Based on Benzene)	15000	15220.8	<100	15000	4800	100		2/26/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		2/26/2015	JMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Arcadis-Atlanta Work Order Number 1502J69

Checklist completed by Katie Forman 2/24/15
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? KF 2/24 (~~0°≤6°C~~)* Yes ✓ No __

Cooler #1 Amb. 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.

Analytical Environmental Services, Inc

Date: 5-Mar-15

Client: Arcadis
Project Name: Lafarge Paint Marking
Lab Order: 1502J69

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1502J69-001A	AS/SVE 2300 (022315)	2/23/2015 8:27:00PM	Air	Aromatic Volatiles in Air		2/25/2015 10:01:13 AM	02/26/2015
1502J69-001A	AS/SVE 2300 (022315)	2/23/2015 8:27:00PM	Air	Aromatic Volatiles in Air		2/25/2015 10:01:13 AM	02/27/2015
1502J69-001A	AS/SVE 2300 (022315)	2/23/2015 8:27:00PM	Air	Chlorinated Volatiles in Air		2/25/2015 10:01:13 AM	02/26/2015
1502J69-001A	AS/SVE 2300 (022315)	2/23/2015 8:27:00PM	Air	Volatile Hydrocarbons in Air		2/25/2015 10:01:13 AM	02/26/2015
1502J69-001A	AS/SVE 2300 (022315)	2/23/2015 8:27:00PM	Air	Volatile Hydrocarbons in Air		2/25/2015 10:01:13 AM	02/27/2015
1502J69-002A	AS/SVE 2400 (022315)	2/23/2015 7:21:00PM	Air	Aromatic Volatiles in Air		2/25/2015 10:01:13 AM	02/26/2015
1502J69-002A	AS/SVE 2400 (022315)	2/23/2015 7:21:00PM	Air	Aromatic Volatiles in Air		2/25/2015 10:01:13 AM	02/27/2015
1502J69-002A	AS/SVE 2400 (022315)	2/23/2015 7:21:00PM	Air	Chlorinated Volatiles in Air		2/25/2015 10:01:13 AM	02/26/2015
1502J69-002A	AS/SVE 2400 (022315)	2/23/2015 7:21:00PM	Air	Volatile Hydrocarbons in Air		2/25/2015 10:01:13 AM	02/26/2015
1502J69-002A	AS/SVE 2400 (022315)	2/23/2015 7:21:00PM	Air	Volatile Hydrocarbons in Air		2/25/2015 10:01:13 AM	02/27/2015

Client: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1502J69

ANALYTICAL QC SUMMARY REPORT

BatchID: 203688

Sample ID: **MB-203688** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286809**
SampleType: **MBLK** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089082**

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	10									
1,1-Dichloroethene	BRL	10									
Carbon tetrachloride	BRL	10									
Chloroform	BRL	10									
cis-1,2-Dichloroethene	BRL	10									
Freon 141B	BRL	10									
Methylene chloride	BRL	10									
Tetrachloroethene	BRL	10									
trans-1,2-Dichloroethene	BRL	10									
Trichloroethene	BRL	10									
Vinyl chloride	BRL	10									

Sample ID: **MB-203688** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286810**
SampleType: **MBLK** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089113**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	10									
Diethyl ether	BRL	10									
n-Heptane	BRL	10									
n-Hexane	BRL	10									

Sample ID: **MB-203688** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286811**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089128**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1502J69

ANALYTICAL QC SUMMARY REPORT

BatchID: 203688

Sample ID: **MB-203688** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286811**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089128**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	BRL	10									
m,p-Xylene	BRL	20									
Methyl tert-butyl ether	BRL	10									
Naphthalene	BRL	10									
o-Xylene	BRL	10									
Toluene	BRL	10									
TRPH (Based on Benzene)	BRL	100									

Sample ID: **LCS-203688** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286809**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089083**

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	104.0	10	100.0		104	85	118				
Carbon tetrachloride	104.3	10	100.0		104	85	121				
Chloroform	100.8	10	100.0		101	85	120				
Methylene chloride	102.4	10	100.0		102	85	120				
Tetrachloroethene	101.5	10	100.0		101	85	117				
Trichloroethene	107.0	10	100.0		107	85	120				

Sample ID: **LCS-203688** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286810**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089114**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	89.06	10	100.0		89.1	82	120				
4-Methyl-2-pentanone	94.99	10	100.0		95.0	85	120				
Acetone	78.20	10	100.0		78.2	66.3	120				
Diethyl ether	99.40	10	100.0		99.4	85	120				
n-Heptane	104.2	10	100.0		104	85	120				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1502J69

ANALYTICAL QC SUMMARY REPORT

BatchID: 203688

Sample ID: **LCS-203688** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286810**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089114**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
n-Hexane	106.4	10	100.0		106	85	121				

Sample ID: **LCS-203688** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286811**
SampleType: **LCS** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089129**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	103.8	10	100.0		104	80	119				
Ethylbenzene	104.3	10	100.0		104	80	122				
m,p-Xylene	205.5	20	200.0		103	80	120				
Methyl tert-butyl ether	86.21	10	100.0		86.2	72.7	120				
Naphthalene	45.17	10	100.0		45.2	36.8	100				
o-Xylene	96.32	10	100.0		96.3	80	115				
Toluene	102.7	10	100.0		103	80	118				

Sample ID: **LCS-203688-2** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286809**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089085**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	97.09	10	100.0		97.1	85	120				
cis-1,2-Dichloroethene	102.1	10	100.0		102	85	117				
trans-1,2-Dichloroethene	101.7	10	100.0		102	85	120				

Sample ID: **LCS-203688-3** Client ID: Units: **ug, Total** Prep Date: **02/25/2015** Run No: **286809**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **203688** Analysis Date: **02/26/2015** Seq No: **6089087**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	20.13	10	25.00		80.5	62.3	126				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1502J69

ANALYTICAL QC SUMMARY REPORT

BatchID: 203688

Sample ID: **LCSD-203688**	Client ID:		Units: **ug, Total**	Prep Date: **02/25/2015**	Run No: **286809**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**		BatchID: **203688**	Analysis Date: **02/26/2015**	Seq No: **6089084**

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	104.8	10	100.0		105	85	118	104.0	0.847	15	
Carbon tetrachloride	106.0	10	100.0		106	85	121	104.3	1.59	15	
Chloroform	101.2	10	100.0		101	85	120	100.8	0.339	15	
Methylene chloride	103.4	10	100.0		103	85	120	102.4	0.970	15	
Tetrachloroethene	102.7	10	100.0		103	85	117	101.5	1.17	15	
Trichloroethene	108.0	10	100.0		108	85	120	107.0	0.994	15	

Sample ID: **LCSD-203688**	Client ID:		Units: **ug, Total**	Prep Date: **02/25/2015**	Run No: **286810**
SampleType: **LCSD**	TestCode: **Volatile Hydrocarbons in Air EPA18**		BatchID: **203688**	Analysis Date: **02/26/2015**	Seq No: **6089115**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	90.38	10	100.0		90.4	82	120	89.06	1.47	15	
4-Methyl-2-pentanone	96.54	10	100.0		96.5	85	120	94.99	1.62	15	
Acetone	80.12	10	100.0		80.1	66.3	120	78.20	2.43	15	
Diethyl ether	100.6	10	100.0		101	85	120	99.40	1.17	15	
n-Heptane	105.0	10	100.0		105	85	120	104.2	0.792	15	
n-Hexane	107.2	10	100.0		107	85	121	106.4	0.802	15	

Sample ID: **LCSD-203688**	Client ID:		Units: **ug, Total**	Prep Date: **02/25/2015**	Run No: **286811**
SampleType: **LCSD**	TestCode: **Aromatic Volatiles in Air EPA18**		BatchID: **203688**	Analysis Date: **02/26/2015**	Seq No: **6089130**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	104.8	10	100.0		105	80	119	103.8	0.922	15	
Ethylbenzene	105.4	10	100.0		105	80	122	104.3	1.06	15	
m,p-Xylene	207.8	20	200.0		104	80	120	205.5	1.09	15	
Methyl tert-butyl ether	87.12	10	100.0		87.1	72.7	120	86.21	1.05	15	
Naphthalene	47.66	10	100.0		47.7	36.8	100	45.17	5.35	15	
o-Xylene	97.52	10	100.0		97.5	80	115	96.32	1.24	15	

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1502J69

ANALYTICAL QC SUMMARY REPORT

BatchID: 203688

Sample ID: **LCSD-203688**	Client ID:			Units: **ug, Total**	Prep Date: **02/25/2015**	Run No: **286811**
SampleType: **LCSD**	TestCode: **Aromatic Volatiles in Air EPA18**			BatchID: **203688**	Analysis Date: **02/26/2015**	Seq No: **6089130**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	103.7	10	100.0		104	80	118	102.7	0.994	15	

Sample ID: **LCSD-203688-2**	Client ID:			Units: **ug, Total**	Prep Date: **02/25/2015**	Run No: **286809**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **203688**	Analysis Date: **02/26/2015**	Seq No: **6089086**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	98.09	10	100.0		98.1	85	120	97.09	1.02	15	
cis-1,2-Dichloroethene	102.6	10	100.0		103	85	117	102.1	0.419	15	
trans-1,2-Dichloroethene	102.8	10	100.0		103	85	120	101.7	1.15	15	

Sample ID: **LCSD-203688-3**	Client ID:			Units: **ug, Total**	Prep Date: **02/25/2015**	Run No: **286809**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **203688**	Analysis Date: **02/26/2015**	Seq No: **6089088**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	18.71	10	25.00		74.8	62.3	126	20.13	7.35	19.2	

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.

April 07, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge Paint Marking

Dear Greg Sitomer: Order No: 1503P41

Analytical Environmental Services, Inc. received 3 samples on 3/27/2015 9:52:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: 1503P41

Date: 3-26-15 Page 1 of 1

COMPANY:	ADDRESS:
Arcadis	1000 Cobb Place Blvd Building 500 A Kennesaw, GA 30144
PHONE: 770 428 9009	FAX: 770 428 4004
SAMPLED BY: Ivan Jenkins	SIGNATURE: Ivan Jenkins

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Aromatic VOCs in Air	No # of Containers	REMARKS
1	AS/SVE Z300 (032615)	3-26-15	1512	✓		Air	1	1	
2	AS/SVE Z400 (032615)	3-26-15	2032	✓		Air	1	1	
3	AS/SVE EFF (032615)	3-26-15	1505	✓		Air	1	1	
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED

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: Ivan Jenkins	3-27-15 0952	1: Mark Jr	3/27/15 9:52
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Lafarge Paint Marking

PROJECT #: HT212446.0015

SITE ADDRESS: 2675 R N Martin ST East Point, GA 30344

SEND REPORT TO: gregory.sitomer@arcadis-us.com

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers: 3

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:
Air = Soil vapor

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 Results for Arcadis

Date: 7-Apr-15

Workorder: 1503P41

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
Client ID: AS/SVE Z300 (032615)	**Lab ID:** 1503P41-001A	**Date Sampled:** 3/26/2015	**Media:** Tedlar Bag	**Air Vol.(L):** 1						
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		3/30/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		3/30/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		3/30/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		3/30/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		3/30/2015	JMA	EPA18
Benzene	260	210.063	52.003	260	82	10	(a)	4/2/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		3/30/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		3/30/2015	JMA	EPA18
cis-1,2-Dichloroethene	210	96.86	112.961	210	53	10	(a)	3/30/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		3/30/2015	JMA	EPA18
Ethylbenzene	75	74.843	<10	75	17	10		3/30/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		3/30/2015	JMA	EPA18
m,p-Xylene	270	267.899	<20	270	62	20		3/30/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		3/30/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		3/30/2015	JMA	EPA18
n-Heptane	1600	1546.49	87.279	1600	400	10		3/30/2015	JMA	EPA18
n-Hexane	6100	3890.96	2231.41	6100	1700	100	(a)	3/31/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		3/30/2015	JMA	EPA18
o-Xylene	56	55.597	<10	56	13	10		3/30/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		3/30/2015	JMA	EPA18
Toluene	2300	2235.13	15.816	2300	600	100		3/31/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		3/30/2015	JMA	EPA18
Trichloroethene	450	355.114	92.302	450	83	10	(a)	3/30/2015	JMA	EPA18
TRPH (Based on Benzene)	29000	21323.4	7861.62	29000	9100	100	(a)	3/30/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		3/30/2015	JMA	EPA18
Client ID: AS/SVE Z400 (032615)	**Lab ID:** 1503P41-002A	**Date Sampled:** 3/26/2015	**Media:** Tedlar Bag	**Air Vol.(L):** 1						
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		3/30/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		3/30/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		3/30/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		3/30/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		3/30/2015	JMA	EPA18
Benzene	92	91.778	<10	92	29	10		4/2/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		3/30/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		3/30/2015	JMA	EPA18
cis-1,2-Dichloroethene	42	42.153	<10	42	11	10		3/30/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		3/30/2015	JMA	EPA18
Ethylbenzene	85	84.502	<10	85	20	10		3/30/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		3/30/2015	JMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Results
for
Arcadis

Date: 7-Apr-15

Workorder: 1503P41

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
m,p-Xylene	330	334.731	<20	330	77	20		3/30/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		3/30/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		3/30/2015	JMA	EPA18
n-Heptane	720	718.467	<10	720	180	10		3/30/2015	JMA	EPA18
n-Hexane	1400	1379.13	<10	1400	390	10		3/30/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		3/30/2015	JMA	EPA18
o-Xylene	76	75.644	<10	76	17	10		3/30/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		3/30/2015	JMA	EPA18
Toluene	1200	1228.33	<10	1200	330	10		3/30/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		3/30/2015	JMA	EPA18
Trichloroethene	160	158.583	<10	160	30	10		3/30/2015	JMA	EPA18
TRPH (Based on Benzene)	11000	11270.5	<100	11000	3500	100		3/30/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		3/30/2015	JMA	EPA18

Client ID: AS/SVE EFF (032615) **Lab ID:** 1503P41-003A **Date Sampled:** 3/26/2015 **Media:** Tedlar Bag **Air Vol.(L):** 1

1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		3/30/2015	JMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		3/30/2015	JMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		3/30/2015	JMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		3/30/2015	JMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		3/30/2015	JMA	EPA18
Benzene	<10	<10	<10	<10	<3.1	10		3/30/2015	JMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		3/30/2015	JMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		3/30/2015	JMA	EPA18
cis-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		3/30/2015	JMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		3/30/2015	JMA	EPA18
Ethylbenzene	<10	<10	<10	<10	<2.3	10		3/30/2015	JMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		3/30/2015	JMA	EPA18
m,p-Xylene	<20	<20	<20	<20	<4.6	20		3/30/2015	JMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		3/30/2015	JMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		3/30/2015	JMA	EPA18
n-Heptane	<10	<10	<10	<10	<2.4	10		3/30/2015	JMA	EPA18
n-Hexane	<10	<10	<10	<10	<2.8	10		3/30/2015	JMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		3/30/2015	JMA	EPA18
o-Xylene	<10	<10	<10	<10	<2.3	10		3/30/2015	JMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		3/30/2015	JMA	EPA18
Toluene	<10	<10	<10	<10	<2.6	10		3/30/2015	JMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		3/30/2015	JMA	EPA18
Trichloroethene	<10	<10	<10	<10	<1.9	10		3/30/2015	JMA	EPA18
TRPH (Based on Benzene)	<100	<100	<100	<100	<31	100		3/30/2015	JMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		3/30/2015	JMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Arcadis Work Order Number 1503P41

Checklist completed by [signature] 3/27/15
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)*	TD 3/27/15 Yes ✓	No __	

Cooler #1 Ambient 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.

Analytical Environmental Services, Inc

Date: 7-Apr-15

Client: Arcadis
Project Name: Lafarge Paint Marking
Lab Order: 1503P41

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1503P41-001A	AS/SVE Z300 (032615)	3/26/2015 3:12:00PM	Air	Aromatic Volatiles in Air		3/28/2015 1:42:01 PM	03/30/2015
1503P41-001A	AS/SVE Z300 (032615)	3/26/2015 3:12:00PM	Air	Aromatic Volatiles in Air		3/28/2015 1:42:01 PM	03/31/2015
1503P41-001A	AS/SVE Z300 (032615)	3/26/2015 3:12:00PM	Air	Aromatic Volatiles in Air		3/28/2015 1:42:01 PM	04/02/2015
1503P41-001A	AS/SVE Z300 (032615)	3/26/2015 3:12:00PM	Air	Chlorinated Volatiles in Air		3/28/2015 1:42:01 PM	03/30/2015
1503P41-001A	AS/SVE Z300 (032615)	3/26/2015 3:12:00PM	Air	Volatile Hydrocarbons in Air		3/28/2015 1:42:01 PM	03/30/2015
1503P41-001A	AS/SVE Z300 (032615)	3/26/2015 3:12:00PM	Air	Volatile Hydrocarbons in Air		3/28/2015 1:42:01 PM	03/31/2015
1503P41-002A	AS/SVE Z400 (032615)	3/26/2015 8:32:00PM	Air	Aromatic Volatiles in Air		3/28/2015 1:42:01 PM	03/30/2015
1503P41-002A	AS/SVE Z400 (032615)	3/26/2015 8:32:00PM	Air	Aromatic Volatiles in Air		3/28/2015 1:42:01 PM	04/02/2015
1503P41-002A	AS/SVE Z400 (032615)	3/26/2015 8:32:00PM	Air	Chlorinated Volatiles in Air		3/28/2015 1:42:01 PM	03/30/2015
1503P41-002A	AS/SVE Z400 (032615)	3/26/2015 8:32:00PM	Air	Volatile Hydrocarbons in Air		3/28/2015 1:42:01 PM	03/30/2015
1503P41-003A	AS/SVE EFF (032615)	3/26/2015 3:05:00PM	Air	Aromatic Volatiles in Air		3/28/2015 1:42:01 PM	03/30/2015
1503P41-003A	AS/SVE EFF (032615)	3/26/2015 3:05:00PM	Air	Chlorinated Volatiles in Air		3/28/2015 1:42:01 PM	03/30/2015
1503P41-003A	AS/SVE EFF (032615)	3/26/2015 3:05:00PM	Air	Volatile Hydrocarbons in Air		3/28/2015 1:42:01 PM	03/30/2015

Client: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1503P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 205207

Sample ID: **MB-205207** Client ID: Units: **ug, Total** Prep Date: **03/28/2015** Run No: **288940**
SampleType: **MBLK** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **205207** Analysis Date: **03/30/2015** Seq No: **6147718**

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	10									
1,1-Dichloroethene	BRL	10									
Carbon tetrachloride	BRL	10									
Chloroform	BRL	10									
cis-1,2-Dichloroethene	BRL	10									
Freon 141B	BRL	10									
Methylene chloride	BRL	10									
Tetrachloroethene	BRL	10									
trans-1,2-Dichloroethene	BRL	10									
Trichloroethene	BRL	10									
Vinyl chloride	BRL	10									

Sample ID: **MB-205207** Client ID: Units: **ug, Total** Prep Date: **03/28/2015** Run No: **288941**
SampleType: **MBLK** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **205207** Analysis Date: **03/30/2015** Seq No: **6147745**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	10									
Diethyl ether	BRL	10									
n-Heptane	BRL	10									
n-Hexane	BRL	10									

Sample ID: **MB-205207** Client ID: Units: **ug, Total** Prep Date: **03/28/2015** Run No: **288942**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **205207** Analysis Date: **03/30/2015** Seq No: **6147780**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1503P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 205207

Sample ID: **MB-205207** Client ID: Units: **ug, Total** Prep Date: **03/28/2015** Run No: **288942**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **205207** Analysis Date: **03/30/2015** Seq No: **6147780**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	BRL	10									
m,p-Xylene	BRL	20									
Methyl tert-butyl ether	BRL	10									
Naphthalene	BRL	10									
o-Xylene	BRL	10									
Toluene	BRL	10									
TRPH (Based on Benzene)	BRL	100									

Sample ID: **LCS-205207** Client ID: Units: **ug, Total** Prep Date: **03/28/2015** Run No: **288940**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **205207** Analysis Date: **03/30/2015** Seq No: **6147719**

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	101.2	10	100.0		101	85	118				
Carbon tetrachloride	99.50	10	100.0		99.5	85	121				
Chloroform	98.04	10	100.0		98.0	85	120				
Methylene chloride	101.3	10	100.0		101	85	120				
Tetrachloroethene	96.48	10	100.0		96.5	85	117				
Trichloroethene	100.6	10	100.0		101	85	120				

Sample ID: **LCS-205207** Client ID: Units: **ug, Total** Prep Date: **03/28/2015** Run No: **288941**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **205207** Analysis Date: **03/30/2015** Seq No: **6147746**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	89.50	10	100.0		89.5	82	120				
4-Methyl-2-pentanone	94.65	10	100.0		94.6	85	120				
Acetone	83.03	10	100.0		83.0	66.3	120				
Diethyl ether	100.2	10	100.0		100	85	120				
n-Heptane	103.5	10	100.0		104	85	120				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1503P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 205207

Sample ID: **LCS-205207**	Client ID:		Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288941**
SampleType: **LCS**	TestCode: **Volatile Hydrocarbons in Air EPA18**		BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147746**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
n-Hexane	106.7	10	100.0		107	85	121				

Sample ID: **LCS-205207**	Client ID:		Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288942**
SampleType: **LCS**	TestCode: **Aromatic Volatiles in Air EPA18**		BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147781**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	101.9	10	100.0		102	80	119				
Ethylbenzene	100.8	10	100.0		101	80	122				
m,p-Xylene	200.6	20	200.0		100	80	120				
Methyl tert-butyl ether	91.66	10	100.0		91.7	72.7	120				
Naphthalene	42.16	10	100.0		42.2	36.8	100				
o-Xylene	94.35	10	100.0		94.4	80	115				
Toluene	100.0	10	100.0		100	80	118				

Sample ID: **LCS-205207-2**	Client ID:		Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288940**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**		BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147721**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	103.1	10	100.0		103	85	120				
cis-1,2-Dichloroethene	106.9	10	100.0		107	85	117				
trans-1,2-Dichloroethene	103.7	10	100.0		104	85	120				

Sample ID: **LCS-205207-3**	Client ID:		Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288940**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**		BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147723**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	22.11	10	25.00		88.4	62.3	126				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1503P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 205207

Sample ID: **LCSD-205207**	Client ID:		Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288940**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**		BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147720**

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	103.2	10	100.0		103	85	118	101.2	1.95	15	
Carbon tetrachloride	102.1	10	100.0		102	85	121	99.50	2.59	15	
Chloroform	101.8	10	100.0		102	85	120	98.04	3.76	15	
Methylene chloride	104.3	10	100.0		104	85	120	101.3	2.93	15	
Tetrachloroethene	97.82	10	100.0		97.8	85	117	96.48	1.37	15	
Trichloroethene	102.1	10	100.0		102	85	120	100.6	1.49	15	

Sample ID: **LCSD-205207**	Client ID:		Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288941**
SampleType: **LCSD**	TestCode: **Volatile Hydrocarbons in Air EPA18**		BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147747**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	91.53	10	100.0		91.5	82	120	89.50	2.24	15	
4-Methyl-2-pentanone	95.93	10	100.0		95.9	85	120	94.65	1.35	15	
Acetone	84.52	10	100.0		84.5	66.3	120	83.03	1.78	15	
Diethyl ether	103.4	10	100.0		103	85	120	100.2	3.12	15	
n-Heptane	105.0	10	100.0		105	85	120	103.5	1.43	15	
n-Hexane	109.1	10	100.0		109	85	121	106.7	2.20	15	

Sample ID: **LCSD-205207**	Client ID:		Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288942**
SampleType: **LCSD**	TestCode: **Aromatic Volatiles in Air EPA18**		BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147782**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	103.5	10	100.0		104	80	119	101.9	1.59	15	
Ethylbenzene	102.5	10	100.0		102	80	122	100.8	1.66	15	
m,p-Xylene	203.5	20	200.0		102	80	120	200.6	1.44	15	
Methyl tert-butyl ether	93.60	10	100.0		93.6	72.7	120	91.66	2.09	15	
Naphthalene	45.27	10	100.0		45.3	36.8	100	42.16	7.11	15	
o-Xylene	95.99	10	100.0		96.0	80	115	94.35	1.72	15	

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1503P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 205207

Sample ID: **LCSD-205207**	Client ID:			Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288942**
SampleType: **LCSD**	TestCode: **Aromatic Volatiles in Air EPA18**			BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147782**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	101.6	10	100.0		102	80	118	100.0	1.54	15	

Sample ID: **LCSD-205207-2**	Client ID:			Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288940**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147722**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	101.2	10	100.0		101	85	120	103.1	1.90	15	
cis-1,2-Dichloroethene	106.0	10	100.0		106	85	117	106.9	0.854	15	
trans-1,2-Dichloroethene	102.4	10	100.0		102	85	120	103.7	1.25	15	

Sample ID: **LCSD-205207-3**	Client ID:			Units: **ug, Total**	Prep Date: **03/28/2015**	Run No: **288940**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **205207**	Analysis Date: **03/30/2015**	Seq No: **6147724**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	20.93	10	25.00		83.7	62.3	126	22.11	5.45	19.2	

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.

April 23, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge Paint Marking

Dear Greg Sitomer: Order No: 1504G17

Analytical Environmental Services, Inc. received 3 samples on 4/18/2015 11:16:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1504617

Date: 4-17-15 Page 1 of 1

COMPANY: Arcadis	ADDRESS: 1000 Cobb Place Blvd Building 500A Kennesaw, GA 30144
PHONE: 7704289009	FAX: 7704284004
SAMPLED BY: Ivan Jenkins	SIGNATURE: Ivan Jenkins

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	No # of Containers
1	AS/SVE Z200 (041715)	4-17-15	1247	✓		Air	1	1
2	AS/SVE EFFLUENT (041715)	4-17-15	1301	✓		Air	1	1
3	AS/SVE Z100 (041715)	4-17-15	1345	✓		Air	1	1
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

ANALYSIS REQUESTED

REMARKS

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: Ivan Jenkins	4-18-17 1116	1: Katie Jorgensen	4-18-15 11:16
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 Paint Marking
PROJECT #: HT212446, 0015
SITE ADDRESS: 2626 12 N Martin ST East Point GA
SEND REPORT TO: gregory.sitomer@arcadis-us.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 3

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: 30-Apr-15

Client: Arcadis
Project: Lafarge Paint Marking
Lab ID: 1504G17

Case Narrative

Analysis required was not listed on the Chain of Custody. The samples were analyzed for Volatile Organic Compounds per history.

Analytical Results for Arcadis

Date: 30-Apr-15

Workorder: 1504G17

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
Client ID: AS/SVE Z200 (041715)	**Lab ID:** 1504G17-001A		**Date Sampled:** 4/17/2015		**Media:** Tedlar Bag		**Air Vol.(L):** 1			
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		4/20/2015	RUF	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		4/20/2015	RUF	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		4/20/2015	RUF	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		4/20/2015	RUF	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		4/20/2015	RUF	EPA18
Benzene	92	92.429	<10	92	29	10		4/21/2015	RUF	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		4/20/2015	RUF	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		4/20/2015	RUF	EPA18
cis-1,2-Dichloroethene	160	160.895	<10	160	41	10		4/20/2015	RUF	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		4/20/2015	RUF	EPA18
Ethylbenzene	85	85.272	<10	85	20	10		4/20/2015	RUF	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		4/20/2015	RUF	EPA18
m,p-Xylene	330	334.688	<20	330	77	20		4/20/2015	RUF	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		4/20/2015	RUF	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		4/20/2015	RUF	EPA18
n-Heptane	810	808.808	<10	810	200	10		4/20/2015	RUF	EPA18
n-Hexane	1300	1258.28	<10	1300	360	10		4/20/2015	RUF	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		4/20/2015	RUF	EPA18
o-Xylene	98	98.214	<10	98	23	10		4/20/2015	RUF	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		4/20/2015	RUF	EPA18
Toluene	1100	1127.3	<10	1100	300	10		4/20/2015	RUF	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		4/20/2015	RUF	EPA18
Trichloroethene	300	300.579	<10	300	56	10		4/20/2015	RUF	EPA18
TRPH (Based on Benzene)	12000	11990.4	<100	12000	3800	100		4/20/2015	RUF	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		4/20/2015	RUF	EPA18
Client ID: AS/SVE EFFLUENT (041715)	**Lab ID:** 1504G17-002A		**Date Sampled:** 4/17/2015		**Media:** Tedlar Bag		**Air Vol.(L):** 1			
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		4/20/2015	RUF	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		4/20/2015	RUF	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		4/20/2015	RUF	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		4/20/2015	RUF	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		4/20/2015	RUF	EPA18
Benzene	<10	<10	<10	<10	<3.1	10		4/20/2015	RUF	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		4/20/2015	RUF	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		4/20/2015	RUF	EPA18
cis-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		4/20/2015	RUF	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		4/20/2015	RUF	EPA18
Ethylbenzene	<10	<10	<10	<10	<2.3	10		4/20/2015	RUF	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		4/20/2015	RUF	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)

H Holding time for preparation or analysis

B Analyte detected in the associated Method Blank

(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Results
for
Arcadis

Date: 30-Apr-15

Workorder: 1504G17

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
m,p-Xylene	<20	<20	<20	<20	<4.6	20		4/20/2015	RUF	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		4/20/2015	RUF	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		4/20/2015	RUF	EPA18
n-Heptane	<10	<10	<10	<10	<2.4	10		4/20/2015	RUF	EPA18
n-Hexane	<10	<10	<10	<10	<2.8	10		4/20/2015	RUF	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		4/20/2015	RUF	EPA18
o-Xylene	<10	<10	<10	<10	<2.3	10		4/20/2015	RUF	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		4/20/2015	RUF	EPA18
Toluene	<10	<10	<10	<10	<2.6	10		4/20/2015	RUF	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		4/20/2015	RUF	EPA18
Trichloroethene	<10	<10	<10	<10	<1.9	10		4/20/2015	RUF	EPA18
TRPH (Based on Benzene)	<100	<100	<100	<100	<31	100		4/20/2015	RUF	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		4/20/2015	RUF	EPA18

Client ID: AS/SVE Z100 (041715) **Lab ID:** 1504G17-003A **Date Sampled:** 4/17/2015 **Media:** Tedlar Bag **Air Vol.(L):** 1

1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		4/21/2015	RUF	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		4/21/2015	RUF	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		4/21/2015	RUF	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		4/21/2015	RUF	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		4/21/2015	RUF	EPA18
Benzene	92	92.18	<10	92	29	10		4/21/2015	RUF	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		4/21/2015	RUF	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		4/21/2015	RUF	EPA18
cis-1,2-Dichloroethene	160	164.83	<10	160	42	10		4/21/2015	RUF	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		4/21/2015	RUF	EPA18
Ethylbenzene	83	83.098	<10	83	19	10		4/21/2015	RUF	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		4/21/2015	RUF	EPA18
m,p-Xylene	340	338.054	<20	340	78	20		4/21/2015	RUF	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		4/21/2015	RUF	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		4/21/2015	RUF	EPA18
n-Heptane	820	819.399	<10	820	200	10		4/21/2015	RUF	EPA18
n-Hexane	1200	1228.88	<10	1200	350	10		4/21/2015	RUF	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		4/21/2015	RUF	EPA18
o-Xylene	97	96.915	<10	97	22	10		4/21/2015	RUF	EPA18
Toluene	1200	1157.57	<10	1200	310	10		4/21/2015	RUF	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		4/21/2015	RUF	EPA18
Trichloroethene	280	283.368	<10	280	53	10		4/21/2015	RUF	EPA18
TRPH (Based on Benzene)	12000	11723.9	<100	12000	3700	100		4/21/2015	RUF	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		4/21/2015	RUF	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		4/21/2015	RUF	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Arcadis/Savannah Work Order Number 1504617

Checklist completed by Katie Forum 4/18/15
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)*~~ KF 4/18 Yes ✓ No __

Cooler #1 Amb. 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

Analytical Environmental Services, Inc

Date: 30-Apr-15

Client: Arcadis
Project Name: Lafarge Paint Marking
Lab Order: 1504G17

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1504G17-001A	AS/SVE Z200 (041715)	4/17/2015 12:47:00PM	Air	Aromatic Volatiles in Air		4/20/2015 11:33:01 AM	04/20/2015
1504G17-001A	AS/SVE Z200 (041715)	4/17/2015 12:47:00PM	Air	Aromatic Volatiles in Air		4/20/2015 11:33:01 AM	04/21/2015
1504G17-001A	AS/SVE Z200 (041715)	4/17/2015 12:47:00PM	Air	Chlorinated Volatiles in Air		4/20/2015 11:33:01 AM	04/20/2015
1504G17-001A	AS/SVE Z200 (041715)	4/17/2015 12:47:00PM	Air	Volatile Hydrocarbons in Air		4/20/2015 11:33:01 AM	04/20/2015
1504G17-002A	AS/SVE EFFLUENT (041715)	4/17/2015 1:01:00PM	Air	Aromatic Volatiles in Air		4/20/2015 11:33:01 AM	04/20/2015
1504G17-002A	AS/SVE EFFLUENT (041715)	4/17/2015 1:01:00PM	Air	Chlorinated Volatiles in Air		4/20/2015 11:33:01 AM	04/20/2015
1504G17-002A	AS/SVE EFFLUENT (041715)	4/17/2015 1:01:00PM	Air	Volatile Hydrocarbons in Air		4/20/2015 11:33:01 AM	04/20/2015
1504G17-003A	AS/SVE Z100 (041715)	4/17/2015 6:45:00PM	Air	Aromatic Volatiles in Air		4/20/2015 11:33:01 AM	04/21/2015
1504G17-003A	AS/SVE Z100 (041715)	4/17/2015 6:45:00PM	Air	Chlorinated Volatiles in Air		4/20/2015 11:33:01 AM	04/21/2015
1504G17-003A	AS/SVE Z100 (041715)	4/17/2015 6:45:00PM	Air	Volatile Hydrocarbons in Air		4/20/2015 11:33:01 AM	04/21/2015

Client: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1504G17

ANALYTICAL QC SUMMARY REPORT

BatchID: 206181

Sample ID: **MB-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290274**
SampleType: **MBLK** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173740**

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	10									
1,1-Dichloroethene	BRL	10									
Carbon tetrachloride	BRL	10									
Chloroform	BRL	10									
cis-1,2-Dichloroethene	BRL	10									
Freon 141B	BRL	10									
Methylene chloride	BRL	10									
Tetrachloroethene	BRL	10									
trans-1,2-Dichloroethene	BRL	10									
Trichloroethene	BRL	10									
Vinyl chloride	BRL	10									

Sample ID: **MB-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290276**
SampleType: **MBLK** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173790**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	10									
Diethyl ether	BRL	10									
n-Heptane	BRL	10									
n-Hexane	BRL	10									

Sample ID: **MB-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290310**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173819**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1504G17

ANALYTICAL QC SUMMARY REPORT

BatchID: 206181

Sample ID: **MB-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290310**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173819**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	BRL	10									
m,p-Xylene	BRL	20									
Methyl tert-butyl ether	BRL	10									
Naphthalene	BRL	10									
o-Xylene	BRL	10									
Toluene	BRL	10									
TRPH (Based on Benzene)	BRL	100									

Sample ID: **LCS-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290274**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173741**

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	107.5	10	100.0		108	85	118				
Carbon tetrachloride	107.3	10	100.0		107	85	121				
Chloroform	104.0	10	100.0		104	85	120				
Methylene chloride	113.1	10	100.0		113	85	120				
Tetrachloroethene	108.0	10	100.0		108	85	117				
Trichloroethene	110.0	10	100.0		110	85	120				

Sample ID: **LCS-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290276**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173792**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	95.13	10	100.0		95.1	82	120				
4-Methyl-2-pentanone	99.17	10	100.0		99.2	85	120				
Acetone	83.60	10	100.0		83.6	66.3	120				
Diethyl ether	103.2	10	100.0		103	85	120				
n-Heptane	107.2	10	100.0		107	85	120				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1504G17

ANALYTICAL QC SUMMARY REPORT

BatchID: 206181

Sample ID: **LCS-206181**	Client ID:				Units: **ug, Total**		Prep Date: **04/20/2015**		Run No: **290276**
SampleType: **LCS**	TestCode: **Volatile Hydrocarbons in Air EPA18**				BatchID: **206181**		Analysis Date: **04/20/2015**		Seq No: **6173792**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
n-Hexane	109.3	10	100.0		109	85	121				

Sample ID: **LCS-206181**	Client ID:				Units: **ug, Total**		Prep Date: **04/20/2015**		Run No: **290310**
SampleType: **LCS**	TestCode: **Aromatic Volatiles in Air EPA18**				BatchID: **206181**		Analysis Date: **04/20/2015**		Seq No: **6173820**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	107.6	10	100.0		108	80	119				
Ethylbenzene	107.8	10	100.0		108	80	122				
m,p-Xylene	213.6	20	200.0		107	80	120				
Methyl tert-butyl ether	89.86	10	100.0		89.9	72.7	120				
Naphthalene	49.29	10	100.0		49.3	36.8	100				
o-Xylene	99.24	10	100.0		99.2	80	115				
Toluene	106.3	10	100.0		106	80	118				

Sample ID: **LCS-206181-2**	Client ID:				Units: **ug, Total**		Prep Date: **04/20/2015**		Run No: **290274**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **206181**		Analysis Date: **04/20/2015**		Seq No: **6173745**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	98.30	10	100.0		98.3	85	120				
cis-1,2-Dichloroethene	111.0	10	100.0		111	85	117				
trans-1,2-Dichloroethene	106.4	10	100.0		106	85	120				

Sample ID: **LCS-206181-3**	Client ID:				Units: **ug, Total**		Prep Date: **04/20/2015**		Run No: **290274**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**				BatchID: **206181**		Analysis Date: **04/20/2015**		Seq No: **6173743**
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	24.98	10	25.00		99.9	62.3	126				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1504G17

ANALYTICAL QC SUMMARY REPORT

BatchID: 206181

Sample ID: **LCSD-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290274**
SampleType: **LCSD** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173742**

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	108.6	10	100.0		109	85	118	107.5	0.986	15	
Carbon tetrachloride	108.0	10	100.0		108	85	121	107.3	0.673	15	
Chloroform	105.0	10	100.0		105	85	120	104.0	0.899	15	
Methylene chloride	112.4	10	100.0		112	85	120	113.1	0.582	15	
Tetrachloroethene	106.2	10	100.0		106	85	117	108.0	1.67	15	
Trichloroethene	112.7	10	100.0		113	85	120	110.0	2.39	15	

Sample ID: **LCSD-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290276**
SampleType: **LCSD** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173793**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	96.36	10	100.0		96.4	82	120	95.13	1.29	15	
4-Methyl-2-pentanone	101.5	10	100.0		102	85	120	99.17	2.33	15	
Acetone	84.11	10	100.0		84.1	66.3	120	83.60	0.608	15	
Diethyl ether	104.1	10	100.0		104	85	120	103.2	0.792	15	
n-Heptane	109.1	10	100.0		109	85	120	107.2	1.76	15	
n-Hexane	111.1	10	100.0		111	85	121	109.3	1.64	15	

Sample ID: **LCSD-206181** Client ID: Units: **ug, Total** Prep Date: **04/20/2015** Run No: **290310**
SampleType: **LCSD** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **206181** Analysis Date: **04/20/2015** Seq No: **6173821**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	109.1	10	100.0		109	80	119	107.6	1.45	15	
Ethylbenzene	110.0	10	100.0		110	80	122	107.8	1.98	15	
m,p-Xylene	218.0	20	200.0		109	80	120	213.6	2.05	15	
Methyl tert-butyl ether	90.33	10	100.0		90.3	72.7	120	89.86	0.514	15	
Naphthalene	49.62	10	100.0		49.6	36.8	100	49.29	0.665	15	
o-Xylene	101.2	10	100.0		101	80	115	99.24	1.98	15	

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1504G17

ANALYTICAL QC SUMMARY REPORT

BatchID: 206181

Sample ID: **LCSD-206181**	Client ID:			Units: **ug, Total**	Prep Date: **04/20/2015**	Run No: **290310**
SampleType: **LCSD**	TestCode: **Aromatic Volatiles in Air EPA18**			BatchID: **206181**	Analysis Date: **04/20/2015**	Seq No: **6173821**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	109.4	10	100.0		109	80	118	106.3	2.88	15	

Sample ID: **LCSD-206181-2**	Client ID:			Units: **ug, Total**	Prep Date: **04/20/2015**	Run No: **290274**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **206181**	Analysis Date: **04/20/2015**	Seq No: **6173746**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	97.42	10	100.0		97.4	85	120	98.30	0.899	15	
cis-1,2-Dichloroethene	110.3	10	100.0		110	85	117	111.0	0.628	15	
trans-1,2-Dichloroethene	105.8	10	100.0		106	85	120	106.4	0.624	15	

Sample ID: **LCSD-206181-3**	Client ID:			Units: **ug, Total**	Prep Date: **04/20/2015**	Run No: **290274**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **206181**	Analysis Date: **04/20/2015**	Seq No: **6173744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	24.25	10	25.00		97.0	62.3	126	24.98	2.98	19.2	

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.

June 11, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge

Dear Greg Sitomer: Order No: 1506273

Analytical Environmental Services, Inc. received 3 samples on 6/3/2015 7:45:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1506273

Date: 6-2-15 Page 1 of 1

COMPANY: Arcadis

ADDRESS: 1000 Cobb Place Blvd
Building 500 A
Kennesaw, GA 30144

PHONE: 7704289009

FAX: 7704284004

SAMPLED BY: IVAN Jenkins

SIGNATURE: Ivan Jenkins

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED: TO-15	PRESERVATION (See codes)	REMARKS	No # of Containers
1	AS/SVE Z200(060215)	6-2-15	1418	✓		Air	1			1
2	AS/SVE Z 100 (060215)	6-2-15	1733	✓		Air	1			1
3	AS/SVE EFFLUENT(060215)	6-2-15	1728	✓		Air	1			1
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
1: Ivan Jenkins DATE/TIME: 6-3-15 0659
2:
3:

RECEIVED BY
1: DATE/TIME: 6/3/15 7:45
2:
3:

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Lafarge
PROJECT #: HT212446.0015.00001
SITE ADDRESS: 2675 R N Martin ST
East Point, GA
SEND REPORT TO: gregory.sitomer@arcadis-us.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 3

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

1506273

ARCADIS

DAILY LOG

Date: 6-3-15

Page: _____ of _____

Project: _____

Project No: _____

Client: _____

Site Location: _____

Prepared By: _____

Other Emp: _____

TIME	NOTES
TO	AES Sample Receiving 3 Vapor Samples
FROM	Ivan Jenkins Arcadis. 720 634 0940

Analytical Results for Arcadis

Date: 11-Jun-15

Workorder: 1506273

Client Reference: Lafarge

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
Client ID: AS/SVE Z200 (060215)	**Lab ID:** 1506273-001A	**Date Sampled:** 6/2/2015	**Media:** Tedlar Bag	**Air Vol.(L):** 1						
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		6/5/2015	RUF	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		6/5/2015	RUF	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		6/5/2015	RUF	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		6/5/2015	RUF	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		6/5/2015	RUF	EPA18
Benzene	120	119.978	<10	120	38	10		6/6/2015	RUF	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		6/5/2015	RUF	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		6/5/2015	RUF	EPA18
cis-1,2-Dichloroethene	280	243.226	34.387	280	70	10	(a)	6/5/2015	RUF	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		6/5/2015	RUF	EPA18
Ethylbenzene	81	80.68	<10	81	19	10		6/5/2015	RUF	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		6/5/2015	RUF	EPA18
m,p-Xylene	300	296.811	<20	300	68	20		6/5/2015	RUF	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		6/5/2015	RUF	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		6/5/2015	RUF	EPA18
n-Heptane	920	924.124	<10	920	230	10		6/5/2015	RUF	EPA18
n-Hexane	2400	2364.62	10.456	2400	670	100		6/5/2015	RUF	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		6/5/2015	RUF	EPA18
o-Xylene	70	70.325	<10	70	16	10		6/5/2015	RUF	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		6/5/2015	RUF	EPA18
Toluene	1400	1405.87	<10	1400	370	10		6/5/2015	RUF	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		6/5/2015	RUF	EPA18
Trichloroethene	430	428.747	<10	430	80	10		6/5/2015	RUF	EPA18
TRPH (Based on Benzene)	14000	14346.8	121.076	14000	4500	100		6/5/2015	RUF	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		6/5/2015	RUF	EPA18
Client ID: AS/SVE Z100 (060215)	**Lab ID:** 1506273-002A	**Date Sampled:** 6/2/2015	**Media:** Tedlar Bag	**Air Vol.(L):** 1						
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		6/5/2015	RUF	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		6/5/2015	RUF	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		6/5/2015	RUF	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		6/5/2015	RUF	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		6/5/2015	RUF	EPA18
Benzene	260	199.545	58.415	260	81	10	(a)	6/6/2015	RUF	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		6/5/2015	RUF	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		6/5/2015	RUF	EPA18
cis-1,2-Dichloroethene	850	412.271	441.912	850	220	10	(a)	6/5/2015	RUF	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		6/5/2015	RUF	EPA18
Ethylbenzene	150	147.623	<10	150	34	10		6/5/2015	RUF	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		6/5/2015	RUF	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)

H Holding time for preparation or analysis

B Analyte detected in the associated Method Blank

(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Results
for
Arcadis

Date: 11-Jun-15

Workorder: 1506273

Client Reference: Lafarge

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
m,p-Xylene	550	548.525	<20	550	130	20		6/5/2015	RUF	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		6/5/2015	RUF	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		6/5/2015	RUF	EPA18
n-Heptane	1600	1493.22	125.04	1600	400	10		6/5/2015	RUF	EPA18
n-Hexane	6200	4134.27	2059.3	6200	1800	100	(a)	6/5/2015	RUF	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		6/5/2015	RUF	EPA18
o-Xylene	130	134.157	<10	130	31	10		6/5/2015	RUF	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		6/5/2015	RUF	EPA18
Toluene	2500	2500.16	32.975	2500	670	100		6/5/2015	RUF	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		6/5/2015	RUF	EPA18
Trichloroethene	880	706.466	171.335	880	160	10	(a)	6/5/2015	RUF	EPA18
TRPH (Based on Benzene)	31000	23086	8157.56	31000	9800	100	(a)	6/5/2015	RUF	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		6/5/2015	RUF	EPA18

Client ID: AS/SVE EFFLUENT (060215) **Lab ID:** 1506273-003A **Date Sampled:** 6/2/2015 **Media:** Tedlar Bag **Air Vol.(L):** 1

1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		6/5/2015	RUF	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		6/5/2015	RUF	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		6/5/2015	RUF	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		6/5/2015	RUF	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		6/5/2015	RUF	EPA18
Benzene	<10	<10	<10	<10	<3.1	10		6/5/2015	RUF	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		6/5/2015	RUF	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		6/5/2015	RUF	EPA18
cis-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		6/5/2015	RUF	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		6/5/2015	RUF	EPA18
Ethylbenzene	<10	<10	<10	<10	<2.3	10		6/5/2015	RUF	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		6/5/2015	RUF	EPA18
m,p-Xylene	<20	<20	<20	<20	<4.6	20		6/5/2015	RUF	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		6/5/2015	RUF	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		6/5/2015	RUF	EPA18
n-Heptane	<10	<10	<10	<10	<2.4	10		6/5/2015	RUF	EPA18
n-Hexane	<10	<10	<10	<10	<2.8	10		6/5/2015	RUF	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		6/5/2015	RUF	EPA18
o-Xylene	<10	<10	<10	<10	<2.3	10		6/5/2015	RUF	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		6/5/2015	RUF	EPA18
Toluene	<10	<10	<10	<10	<2.6	10		6/5/2015	RUF	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		6/5/2015	RUF	EPA18
Trichloroethene	<10	<10	<10	<10	<1.9	10		6/5/2015	RUF	EPA18
TRPH (Based on Benzene)	<100	<100	<100	<100	<31	100		6/5/2015	RUF	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		6/5/2015	RUF	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Arcadis - Atlanta Work Order Number 1506073

Checklist completed by Mariam Kumar 06/03/2015
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)*~~ NP 6/3 Yes ✓ No __

Cooler #1 AMB 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.

Analytical Environmental Services, Inc

Date: 11-Jun-15

Client: Arcadis
Project Name: Lafarge
Lab Order: 1506273

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1506273-001A	AS/SVE Z200 (060215)	6/2/2015 2:18:00PM	Air	Aromatic Volatiles in Air		6/3/2015 3:30:00 PM	06/05/2015
1506273-001A	AS/SVE Z200 (060215)	6/2/2015 2:18:00PM	Air	Aromatic Volatiles in Air		6/3/2015 3:30:00 PM	06/06/2015
1506273-001A	AS/SVE Z200 (060215)	6/2/2015 2:18:00PM	Air	Chlorinated Volatiles in Air		6/3/2015 3:30:00 PM	06/05/2015
1506273-001A	AS/SVE Z200 (060215)	6/2/2015 2:18:00PM	Air	Volatile Hydrocarbons in Air		6/3/2015 3:30:00 PM	06/05/2015
1506273-002A	AS/SVE Z100 (060215)	6/2/2015 5:33:00PM	Air	Aromatic Volatiles in Air		6/3/2015 3:30:00 PM	06/05/2015
1506273-002A	AS/SVE Z100 (060215)	6/2/2015 5:33:00PM	Air	Aromatic Volatiles in Air		6/3/2015 3:30:00 PM	06/06/2015
1506273-002A	AS/SVE Z100 (060215)	6/2/2015 5:33:00PM	Air	Chlorinated Volatiles in Air		6/3/2015 3:30:00 PM	06/05/2015
1506273-002A	AS/SVE Z100 (060215)	6/2/2015 5:33:00PM	Air	Volatile Hydrocarbons in Air		6/3/2015 3:30:00 PM	06/05/2015
1506273-003A	AS/SVE EFFLUENT (060215)	6/2/2015 5:28:00PM	Air	Aromatic Volatiles in Air		6/3/2015 3:30:00 PM	06/05/2015
1506273-003A	AS/SVE EFFLUENT (060215)	6/2/2015 5:28:00PM	Air	Chlorinated Volatiles in Air		6/3/2015 3:30:00 PM	06/05/2015
1506273-003A	AS/SVE EFFLUENT (060215)	6/2/2015 5:28:00PM	Air	Volatile Hydrocarbons in Air		6/3/2015 3:30:00 PM	06/05/2015

Client: Arcadis
Project Name: Lafarge
Workorder: 1506273

ANALYTICAL QC SUMMARY REPORT

BatchID: 208258

Sample ID: **MB-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293425**
SampleType: **MBLK** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250379**

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	10									
1,1-Dichloroethene	BRL	10									
Carbon tetrachloride	BRL	10									
Chloroform	BRL	10									
cis-1,2-Dichloroethene	BRL	10									
Freon 141B	BRL	10									
Methylene chloride	BRL	10									
Tetrachloroethene	BRL	10									
trans-1,2-Dichloroethene	BRL	10									
Trichloroethene	BRL	10									
Vinyl chloride	BRL	10									

Sample ID: **MB-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293428**
SampleType: **MBLK** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250611**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	10									
Diethyl ether	BRL	10									
n-Heptane	BRL	10									
n-Hexane	BRL	10									

Sample ID: **MB-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293429**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250759**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	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: Arcadis
Project Name: Lafarge
Workorder: 1506273

ANALYTICAL QC SUMMARY REPORT

BatchID: 208258

Sample ID: **MB-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293429**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250759**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	BRL	10									
m,p-Xylene	BRL	20									
Methyl tert-butyl ether	BRL	10									
Naphthalene	BRL	10									
o-Xylene	BRL	10									
Toluene	BRL	10									
TRPH (Based on Benzene)	BRL	100									

Sample ID: **LCS-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293425**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250380**

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	105.2	10	100.0		105	85	118				
Carbon tetrachloride	104.7	10	100.0		105	85	121				
Chloroform	101.3	10	100.0		101	85	120				
Methylene chloride	104.3	10	100.0		104	85	120				
Tetrachloroethene	103.2	10	100.0		103	85	117				
Trichloroethene	107.1	10	100.0		107	85	120				

Sample ID: **LCS-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293428**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250612**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	91.41	10	100.0		91.4	82	120				
4-Methyl-2-pentanone	95.87	10	100.0		95.9	85	120				
Acetone	81.92	10	100.0		81.9	66.3	120				
Diethyl ether	101.0	10	100.0		101	85	120				
n-Heptane	104.2	10	100.0		104	85	120				

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: Arcadis
Project Name: Lafarge
Workorder: 1506273

ANALYTICAL QC SUMMARY REPORT

BatchID: 208258

Sample ID: **LCS-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293428**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250612**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
n-Hexane	106.8	10	100.0		107	85	121				

Sample ID: **LCS-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293429**
SampleType: **LCS** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250760**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	104.7	10	100.0		105	80	119				
Ethylbenzene	104.7	10	100.0		105	80	122				
m,p-Xylene	207.0	20	200.0		103	80	120				
Methyl tert-butyl ether	87.33	10	100.0		87.3	72.7	120				
Naphthalene	46.88	10	100.0		46.9	36.8	100				
o-Xylene	97.99	10	100.0		98.0	80	115				
Toluene	103.3	10	100.0		103	80	118				

Sample ID: **LCS-208258-2** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293425**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250384**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	93.32	10	100.0		93.3	85	120				
cis-1,2-Dichloroethene	106.9	10	100.0		107	85	117				
trans-1,2-Dichloroethene	100.7	10	100.0		101	85	120				

Sample ID: **LCS-208258-3** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293425**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250382**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	23.15	10	25.00		92.6	62.3	126				

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: Arcadis
Project Name: Lafarge
Workorder: 1506273

ANALYTICAL QC SUMMARY REPORT

BatchID: 208258

Sample ID: **LCSD-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293425**
SampleType: **LCSD** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250381**

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	105.0	10	100.0		105	85	118	105.2	0.223	15	
Carbon tetrachloride	106.7	10	100.0		107	85	121	104.7	1.89	15	
Chloroform	100.9	10	100.0		101	85	120	101.3	0.389	15	
Methylene chloride	103.1	10	100.0		103	85	120	104.3	1.20	15	
Tetrachloroethene	103.7	10	100.0		104	85	117	103.2	0.416	15	
Trichloroethene	106.7	10	100.0		107	85	120	107.1	0.383	15	

Sample ID: **LCSD-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293428**
SampleType: **LCSD** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250613**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	90.33	10	100.0		90.3	82	120	91.41	1.19	15	
4-Methyl-2-pentanone	95.76	10	100.0		95.8	85	120	95.87	0.116	15	
Acetone	80.72	10	100.0		80.7	66.3	120	81.92	1.48	15	
Diethyl ether	100.1	10	100.0		100	85	120	101.0	0.953	15	
n-Heptane	103.9	10	100.0		104	85	120	104.2	0.289	15	
n-Hexane	106.3	10	100.0		106	85	121	106.8	0.499	15	

Sample ID: **LCSD-208258** Client ID: Units: **ug, Total** Prep Date: **06/02/2015** Run No: **293429**
SampleType: **LCSD** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **208258** Analysis Date: **06/04/2015** Seq No: **6250761**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	104.2	10	100.0		104	80	119	104.7	0.438	15	
Ethylbenzene	104.8	10	100.0		105	80	122	104.7	0.136	15	
m,p-Xylene	207.2	20	200.0		104	80	120	207.0	0.087	15	
Methyl tert-butyl ether	86.89	10	100.0		86.9	72.7	120	87.33	0.503	15	
Naphthalene	46.30	10	100.0		46.3	36.8	100	46.88	1.25	15	
o-Xylene	98.02	10	100.0		98.0	80	115	97.99	0.026	15	

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: Arcadis
Project Name: Lafarge
Workorder: 1506273

ANALYTICAL QC SUMMARY REPORT

BatchID: 208258

Sample ID: **LCSD-208258**	Client ID:			Units: **ug, Total**	Prep Date: **06/02/2015**	Run No: **293429**
SampleType: **LCSD**	TestCode: **Aromatic Volatiles in Air EPA18**			BatchID: **208258**	Analysis Date: **06/04/2015**	Seq No: **6250761**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	103.2	10	100.0		103	80	118	103.3	0.111	15	

Sample ID: **LCSD-208258-2**	Client ID:			Units: **ug, Total**	Prep Date: **06/02/2015**	Run No: **293425**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **208258**	Analysis Date: **06/04/2015**	Seq No: **6250385**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	92.88	10	100.0		92.9	85	120	93.32	0.470	15	
cis-1,2-Dichloroethene	105.4	10	100.0		105	85	117	106.9	1.43	15	
trans-1,2-Dichloroethene	101.1	10	100.0		101	85	120	100.7	0.362	15	

Sample ID: **LCSD-208258-3**	Client ID:			Units: **ug, Total**	Prep Date: **06/02/2015**	Run No: **293425**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **208258**	Analysis Date: **06/04/2015**	Seq No: **6250383**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	23.22	10	25.00		92.9	62.3	126	23.15	0.302	19.2	

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.

August 14, 2015

Greg Sitomer
Arcadis
1000 Cobb Place Blvd., Bldg. 500-A
Kennesaw GA 30144

TEL: (770) 431-8666
FAX: (770) 435-2666

RE: Lafarge Paint Marking

Dear Greg Sitomer: Order No: 1508217

Analytical Environmental Services, Inc. received 3 samples on 8/5/2015 11:02:00 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' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

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

CRKanhai

Chantelle Kanhai
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: 1508217

Date: 8-4-15 Page 1 of 1

COMPANY: Arcadis	ADDRESS: 1000 Cobb Place Blvd Building 500A Kennesaw, GA 30144
PHONE: 770 4289009	FAX: 770428 4001
SAMPLED BY: IVAN Jenkins	SIGNATURE: Ivan Jenkins

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	AS/SVE Z 300 (080415)	8-4-15	1927	/		Air	1		1
2	AS/SVE Z 400 (080415)	8-4-15	2100	/		Air	1		1
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED: Aromatic VOCs in AIR

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: Ivan Jenkins	1102 8-5-15	1: Tonya Selden	8/5/15 11:00
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN 8/5/15 VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

PROJECT INFORMATION

PROJECT NAME: Lafarge Paint Marking
PROJECT #: HT212446.0015
SITE ADDRESS: 2675 R N Martin ST East Point, GA
SEND REPORT TO: gregory.sitomer@arcadis-us.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

3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

SDG 8/14/15
Work Order: ~~1508889~~ 1508217

Date: _____ Page _____ of _____

COMPANY: Arcadis	ADDRESS: 1000 Cobb Place Blvd Building 500 A Kennesaw, GA 30144
PHONE: 7704289009	FAX: 7704284004
SAMPLED BY: Ivan Jenkins	SIGNATURE: Ivan Jenkins

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Aromatic VOCs IN Air	REMARKS	No # of Containers
							PRESERVATION (See codes)		
1	AS/SVE Effluent (080515)	8-5-15	1707	—		Air	1		1
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED

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: Ivan Jenkins	8-6-15 1306	1: [signature]	8/6 1306
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS: Please combine with report on 2 air samples delivered this AM @ 1102 from same job i.e. Proj. Name + No.

SHIPMENT METHOD
OUT / / VIA:
IN 8 / 15 VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Paint Lafarge ~~Paint~~ Marking
PROJECT #: HT212446.0015
SITE ADDRESS: 2675 12 N Martin ST East Point, GA
SEND REPORT TO: gregory.sitomer@arcadis-us.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 1

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: 14-Aug-15

Client: Arcadis
Project: Lafarge Paint Marking
Lab ID: 1508217

Case Narrative

Results for sample "AS/SVE Effluent (080515)", received 8/6/2015, were added to Work Order 1508217 per comments on the Chain of Custody to combine the results with the report for samples "AS/SVE Z300 (080415)" and "AS/SVE Z400 (080415)".

Analytical Results
for
Arcadis

Date: 14-Aug-15

Workorder: 1508217

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
Client ID: AS/SVE Z300 (080415)	**Lab ID:** 1508217-001A	**Date Sampled:** 8/4/2015	**Media:** Tedlar Bag	**Air Vol.(L):** 1						
1,1,1-Trichloroethane	310	314.461	<10	310	58	10		8/7/2015	SMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		8/7/2015	SMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		8/7/2015	SMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		8/7/2015	SMA	EPA18
Benzene	<10	<10	<10	<10	<3.1	10		8/7/2015	SMA	EPA18
Carbon tetrachloride	2700	2702.94	<10	2700	430	10		8/7/2015	SMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		8/7/2015	SMA	EPA18
cis-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		8/7/2015	SMA	EPA18
Ethylbenzene	28	27.696	<10	28	6.4	10		8/7/2015	SMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		8/7/2015	SMA	EPA18
m,p-Xylene	110	111.37	<20	110	26	20		8/7/2015	SMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		8/7/2015	SMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		8/7/2015	SMA	EPA18
n-Heptane	190	191.113	<10	190	47	10		8/7/2015	SMA	EPA18
n-Hexane	910	914.726	<10	910	260	10		8/7/2015	SMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		8/7/2015	SMA	EPA18
o-Xylene	25	25.274	<10	25	5.8	10		8/7/2015	SMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		8/7/2015	SMA	EPA18
Toluene	290	294.916	<10	290	78	10		8/7/2015	SMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
Trichloroethene	23	22.989	<10	23	4.3	10		8/7/2015	SMA	EPA18
TRPH (Based on Benzene)	4300	4347.97	<100	4300	1400	100		8/7/2015	SMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		8/7/2015	SMA	EPA18
Client ID: AS/SVE Z400 (080415)	**Lab ID:** 1508217-002A	**Date Sampled:** 8/4/2015	**Media:** Tedlar Bag	**Air Vol.(L):** 1						
1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		8/7/2015	SMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		8/7/2015	SMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		8/7/2015	SMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		8/7/2015	SMA	EPA18
Benzene	<10	<10	<10	<10	<3.1	10		8/7/2015	SMA	EPA18
Carbon tetrachloride	3300	3268.5	<10	3300	520	10		8/7/2015	SMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		8/7/2015	SMA	EPA18
cis-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		8/7/2015	SMA	EPA18
Ethylbenzene	21	21.411	<10	21	4.9	10		8/7/2015	SMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		8/7/2015	SMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Results
for
Arcadis

Date: 14-Aug-15

Workorder: 1508217

Client Reference: Lafarge Paint Marking

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst		Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)					
m,p-Xylene	99	98.582	<20	99	23	20		8/7/2015	SMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		8/7/2015	SMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		8/7/2015	SMA	EPA18
n-Heptane	250	248.883	<10	250	61	10		8/7/2015	SMA	EPA18
n-Hexane	1500	1504.53	<10	1500	430	10		8/7/2015	SMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		8/7/2015	SMA	EPA18
o-Xylene	22	21.78	<10	22	5.0	10		8/7/2015	SMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		8/7/2015	SMA	EPA18
Toluene	230	230.995	<10	230	61	10		8/7/2015	SMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
Trichloroethene	<10	<10	<10	<10	<1.9	10		8/7/2015	SMA	EPA18
TRPH (Based on Benzene)	6000	5955.1	<500	6000	1900	500		8/10/2015	SMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		8/7/2015	SMA	EPA18

Client ID: AS/SVE Effluent (080515) **Lab ID:** 1508217-003A **Date Sampled:** 8/5/2015 **Media:** Tedlar Bag **Air Vol.(L):** 1

1,1,1-Trichloroethane	<10	<10	<10	<10	<1.8	10		8/7/2015	SMA	EPA18
1,1-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
2-Butanone	<10	<10	<10	<10	<3.4	10		8/7/2015	SMA	EPA18
4-Methyl-2-pentanone	<10	<10	<10	<10	<2.4	10		8/7/2015	SMA	EPA18
Acetone	<10	<10	<10	<10	<4.2	10		8/7/2015	SMA	EPA18
Benzene	<10	<10	<10	<10	<3.1	10		8/7/2015	SMA	EPA18
Carbon tetrachloride	<10	<10	<10	<10	<1.6	10		8/7/2015	SMA	EPA18
Chloroform	<10	<10	<10	<10	<2.0	10		8/7/2015	SMA	EPA18
cis-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
Diethyl ether	<10	<10	<10	<10	<3.3	10		8/7/2015	SMA	EPA18
Ethylbenzene	<10	<10	<10	<10	<2.3	10		8/7/2015	SMA	EPA18
Freon 141B	<10	<10	<10	<10	<2.1	10		8/7/2015	SMA	EPA18
m,p-Xylene	<20	<20	<20	<20	<4.6	20		8/7/2015	SMA	EPA18
Methyl tert-butyl ether	<10	<10	<10	<10	<2.8	10		8/7/2015	SMA	EPA18
Methylene chloride	<10	<10	<10	<10	<2.9	10		8/7/2015	SMA	EPA18
n-Heptane	<10	<10	<10	<10	<2.4	10		8/7/2015	SMA	EPA18
n-Hexane	<10	<10	<10	<10	<2.8	10		8/7/2015	SMA	EPA18
Naphthalene	<10	<10	<10	<10	<1.9	10		8/7/2015	SMA	EPA18
o-Xylene	<10	<10	<10	<10	<2.3	10		8/7/2015	SMA	EPA18
Tetrachloroethene	<10	<10	<10	<10	<1.5	10		8/7/2015	SMA	EPA18
Toluene	<10	<10	<10	<10	<2.6	10		8/7/2015	SMA	EPA18
trans-1,2-Dichloroethene	<10	<10	<10	<10	<2.5	10		8/7/2015	SMA	EPA18
Trichloroethene	<10	<10	<10	<10	<1.9	10		8/7/2015	SMA	EPA18
TRPH (Based on Benzene)	<100	<100	<100	<100	<31	100		8/7/2015	SMA	EPA18
Vinyl chloride	<10	<10	<10	<10	<3.9	10		8/7/2015	SMA	EPA18

Qualifiers:

< Less than the indicated limit of detection (LOD)
H Holding time for preparation or analysis
B Analyte detected in the associated Method Blank
(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Arcadis - Atlanta Work Order Number 1508217

Checklist completed by Katie Forum 8/5/15
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 __ KF 8/5

Cooler #1 Amb. 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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Arcadis Work Order Number 1508217 ~~1508389~~ SPV 8/14/15

Checklist completed by JasenB 8/6/15
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~~)* JB 8/6/15 Yes ✓ No __

Cooler #1 Ambient 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: Arcadis
Project Name: Lafarge Paint Marking
Lab Order: 1508217

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1508217-001A	AS/SVE Z300 (080415)	8/4/2015 7:27:00PM	Air	Aromatic Volatiles in Air		8/7/2015 10:31:18AM	08/07/2015
1508217-001A	AS/SVE Z300 (080415)	8/4/2015 7:27:00PM	Air	Chlorinated Volatiles in Air		8/7/2015 10:31:18AM	08/07/2015
1508217-001A	AS/SVE Z300 (080415)	8/4/2015 7:27:00PM	Air	Volatile Hydrocarbons in Air		8/7/2015 10:31:18AM	08/07/2015
1508217-002A	AS/SVE Z400 (080415)	8/4/2015 9:00:00PM	Air	Aromatic Volatiles in Air		8/7/2015 10:31:18AM	08/07/2015
1508217-002A	AS/SVE Z400 (080415)	8/4/2015 9:00:00PM	Air	Aromatic Volatiles in Air		8/7/2015 10:31:18AM	08/10/2015
1508217-002A	AS/SVE Z400 (080415)	8/4/2015 9:00:00PM	Air	Chlorinated Volatiles in Air		8/7/2015 10:31:18AM	08/07/2015
1508217-002A	AS/SVE Z400 (080415)	8/4/2015 9:00:00PM	Air	Volatile Hydrocarbons in Air		8/7/2015 10:31:18AM	08/07/2015
1508217-003A	AS/SVE Effluent (080515)	8/5/2015 5:07:00PM	Air	Aromatic Volatiles in Air		8/7/2015 10:31:18AM	08/07/2015
1508217-003A	AS/SVE Effluent (080515)	8/5/2015 5:07:00PM	Air	Chlorinated Volatiles in Air		8/7/2015 10:31:18AM	08/07/2015
1508217-003A	AS/SVE Effluent (080515)	8/5/2015 5:07:00PM	Air	Volatile Hydrocarbons in Air		8/7/2015 10:31:18AM	08/07/2015

Client: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1508217

ANALYTICAL QC SUMMARY REPORT

BatchID: 211174

Sample ID: **MB-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297576**
SampleType: **MBLK** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350477**

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	10									
1,1-Dichloroethene	BRL	10									
Carbon tetrachloride	BRL	10									
Chloroform	BRL	10									
cis-1,2-Dichloroethene	BRL	10									
Freon 141B	BRL	10									
Methylene chloride	BRL	10									
Tetrachloroethene	BRL	10									
trans-1,2-Dichloroethene	BRL	10									
Trichloroethene	BRL	10									
Vinyl chloride	BRL	10									

Sample ID: **MB-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297577**
SampleType: **MBLK** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350514**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	10									
Diethyl ether	BRL	10									
n-Heptane	BRL	10									
n-Hexane	BRL	10									

Sample ID: **MB-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297579**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350539**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1508217

ANALYTICAL QC SUMMARY REPORT

BatchID: 211174

Sample ID: **MB-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297579**
SampleType: **MBLK** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350539**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	BRL	10									
m,p-Xylene	BRL	20									
Methyl tert-butyl ether	BRL	10									
Naphthalene	BRL	10									
o-Xylene	BRL	10									
Toluene	BRL	10									
TRPH (Based on Benzene)	BRL	100									

Sample ID: **LCS-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297576**
SampleType: **LCS** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350478**

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	105.0	10	100.0		105	85	118				
Carbon tetrachloride	106.3	10	100.0		106	85	121				
Chloroform	101.9	10	100.0		102	85	120				
Methylene chloride	103.7	10	100.0		104	85	120				
Tetrachloroethene	102.9	10	100.0		103	85	117				
Trichloroethene	107.9	10	100.0		108	85	120				

Sample ID: **LCS-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297577**
SampleType: **LCS** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350515**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	93.88	10	100.0		93.9	82	120				
4-Methyl-2-pentanone	98.95	10	100.0		98.9	85	120				
Acetone	82.58	10	100.0		82.6	66.3	120				
Diethyl ether	101.2	10	100.0		101	85	120				
n-Heptane	106.0	10	100.0		106	85	120				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1508217

ANALYTICAL QC SUMMARY REPORT

BatchID: 211174

Sample ID: **LCS-211174**	Client ID:			Units: **ug, Total**	Prep Date: **08/07/2015**	Run No: **297577**
SampleType: **LCS**	TestCode: **Volatile Hydrocarbons in Air EPA18**			BatchID: **211174**	Analysis Date: **08/07/2015**	Seq No: **6350515**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
n-Hexane	107.3	10	100.0		107	85	121				

Sample ID: **LCS-211174**	Client ID:			Units: **ug, Total**	Prep Date: **08/07/2015**	Run No: **297579**
SampleType: **LCS**	TestCode: **Aromatic Volatiles in Air EPA18**			BatchID: **211174**	Analysis Date: **08/07/2015**	Seq No: **6350540**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	104.8	10	100.0		105	80	119				
Ethylbenzene	106.9	10	100.0		107	80	122				
m,p-Xylene	210.1	20	200.0		105	80	120				
Methyl tert-butyl ether	88.06	10	100.0		88.1	72.7	120				
Naphthalene	45.17	10	100.0		45.2	36.8	100				
o-Xylene	99.84	10	100.0		99.8	80	115				
Toluene	104.4	10	100.0		104	80	118				

Sample ID: **LCS-211174-2**	Client ID:			Units: **ug, Total**	Prep Date: **08/07/2015**	Run No: **297576**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **211174**	Analysis Date: **08/07/2015**	Seq No: **6350480**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	85.31	10	100.0		85.3	85	120				
cis-1,2-Dichloroethene	98.44	10	100.0		98.4	85	117				
trans-1,2-Dichloroethene	94.43	10	100.0		94.4	85	120				

Sample ID: **LCS-211174-3**	Client ID:			Units: **ug, Total**	Prep Date: **08/07/2015**	Run No: **297576**
SampleType: **LCS**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **211174**	Analysis Date: **08/07/2015**	Seq No: **6350482**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	20.26	10	25.00		81.0	62.3	126				

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1508217

ANALYTICAL QC SUMMARY REPORT

BatchID: 211174

Sample ID: **LCSD-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297576**
SampleType: **LCSD** TestCode: **Chlorinated Volatiles in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350479**

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	106.1	10	100.0		106	85	118	105.0	1.05	15	
Carbon tetrachloride	108.3	10	100.0		108	85	121	106.3	1.79	15	
Chloroform	102.8	10	100.0		103	85	120	101.9	0.854	15	
Methylene chloride	104.1	10	100.0		104	85	120	103.7	0.387	15	
Tetrachloroethene	104.0	10	100.0		104	85	117	102.9	1.10	15	
Trichloroethene	108.3	10	100.0		108	85	120	107.9	0.386	15	

Sample ID: **LCSD-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297577**
SampleType: **LCSD** TestCode: **Volatile Hydrocarbons in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350516**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	94.15	10	100.0		94.1	82	120	93.88	0.289	15	
4-Methyl-2-pentanone	99.92	10	100.0		99.9	85	120	98.95	0.974	15	
Acetone	80.36	10	100.0		80.4	66.3	120	82.58	2.72	15	
Diethyl ether	99.77	10	100.0		99.8	85	120	101.2	1.38	15	
n-Heptane	107.0	10	100.0		107	85	120	106.0	0.950	15	
n-Hexane	108.5	10	100.0		108	85	121	107.3	1.07	15	

Sample ID: **LCSD-211174** Client ID: Units: **ug, Total** Prep Date: **08/07/2015** Run No: **297579**
SampleType: **LCSD** TestCode: **Aromatic Volatiles in Air EPA18** BatchID: **211174** Analysis Date: **08/07/2015** Seq No: **6350541**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	106.0	10	100.0		106	80	119	104.8	1.08	15	
Ethylbenzene	108.4	10	100.0		108	80	122	106.9	1.43	15	
m,p-Xylene	213.1	20	200.0		107	80	120	210.1	1.43	15	
Methyl tert-butyl ether	88.62	10	100.0		88.6	72.7	120	88.06	0.628	15	
Naphthalene	47.42	10	100.0		47.4	36.8	100	45.17	4.87	15	
o-Xylene	101.4	10	100.0		101	80	115	99.84	1.52	15	

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: Arcadis
Project Name: Lafarge Paint Marking
Workorder: 1508217

ANALYTICAL QC SUMMARY REPORT

BatchID: 211174

Sample ID: **LCSD-211174**	Client ID:			Units: **ug, Total**	Prep Date: **08/07/2015**	Run No: **297579**
SampleType: **LCSD**	TestCode: **Aromatic Volatiles in Air EPA18**			BatchID: **211174**	Analysis Date: **08/07/2015**	Seq No: **6350541**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	105.8	10	100.0		106	80	118	104.4	1.29	15	

Sample ID: **LCSD-211174-2**	Client ID:			Units: **ug, Total**	Prep Date: **08/07/2015**	Run No: **297576**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **211174**	Analysis Date: **08/07/2015**	Seq No: **6350481**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	91.18	10	100.0		91.2	85	120	91.18	0	15	
cis-1,2-Dichloroethene	105.3	10	100.0		105	85	117	105.3	0	15	
trans-1,2-Dichloroethene	100.8	10	100.0		101	85	120	100.8	0	15	

Sample ID: **LCSD-211174-3**	Client ID:			Units: **ug, Total**	Prep Date: **08/07/2015**	Run No: **297576**
SampleType: **LCSD**	TestCode: **Chlorinated Volatiles in Air EPA18**			BatchID: **211174**	Analysis Date: **08/07/2015**	Seq No: **6350483**

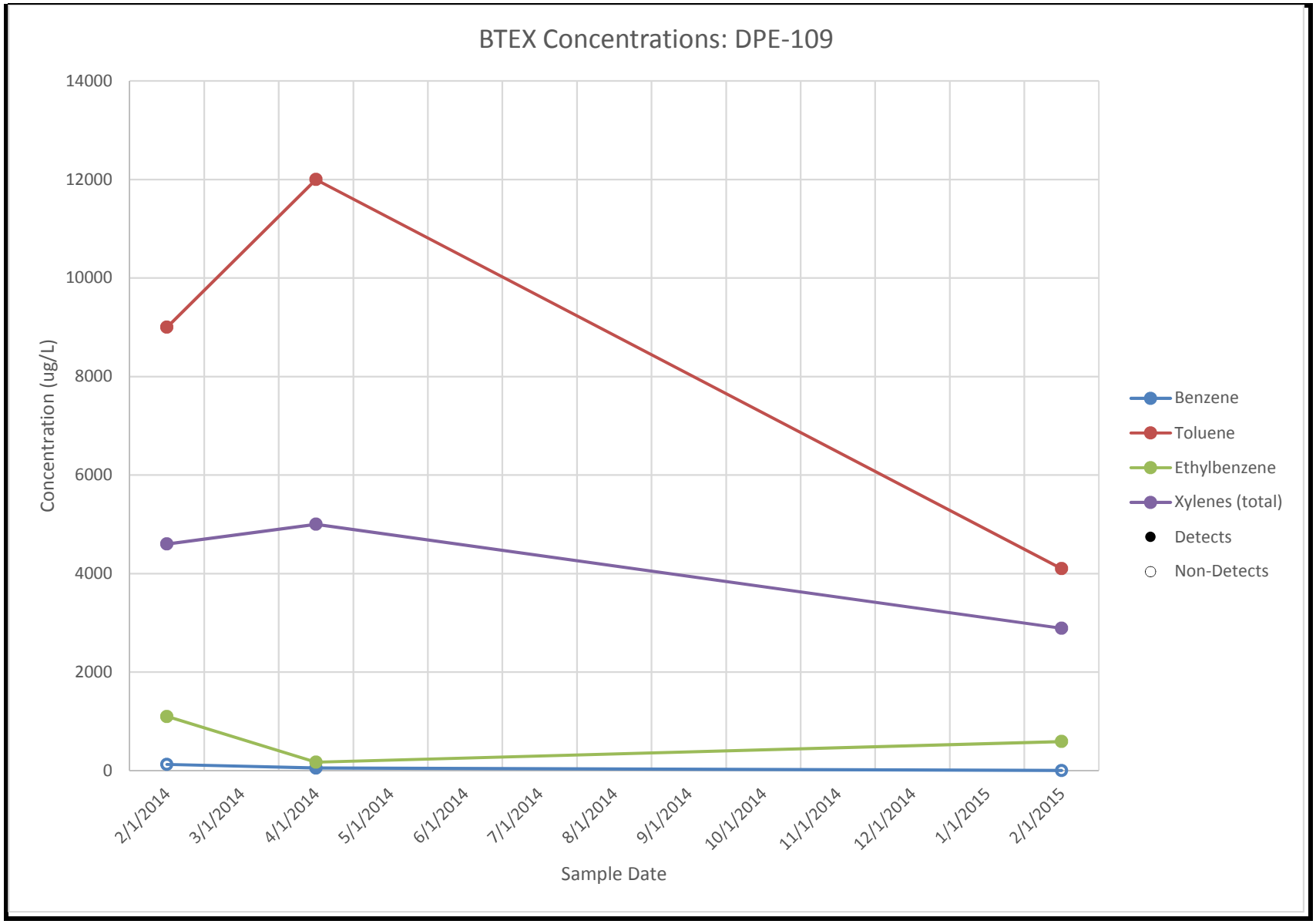
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	20.69	10	25.00		82.8	62.3	126	20.69	0	19.2	

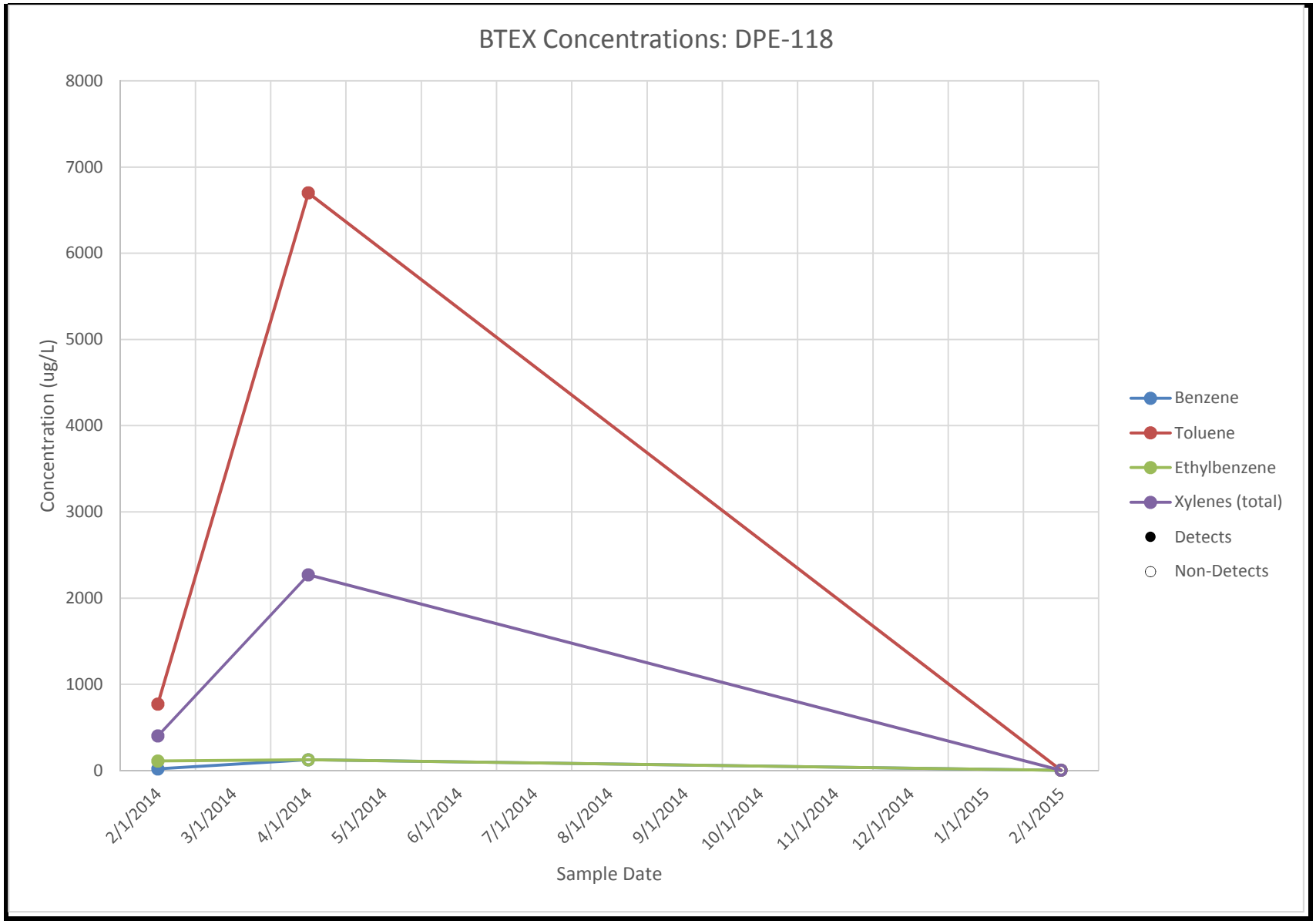
Qualifiers:

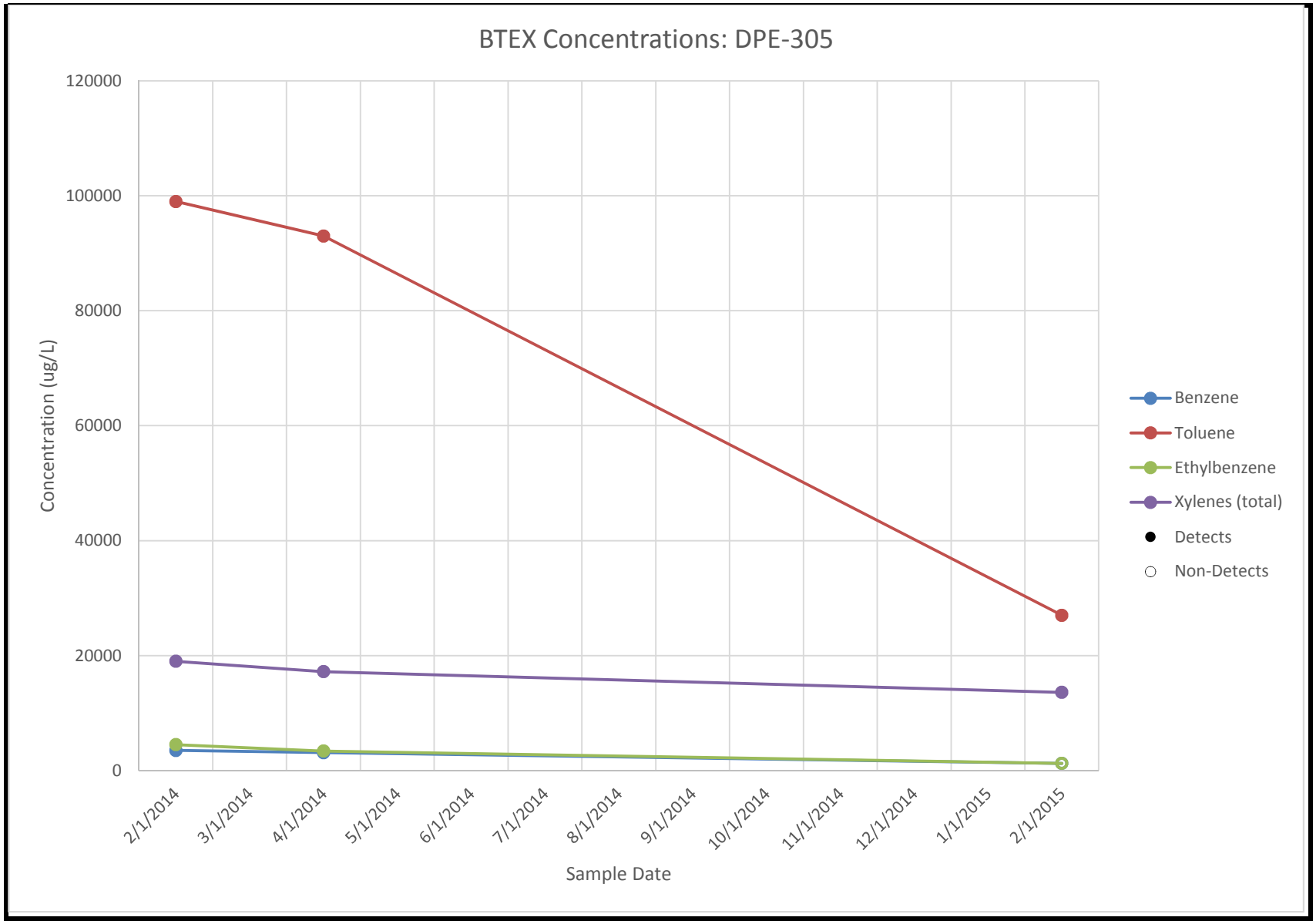
>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

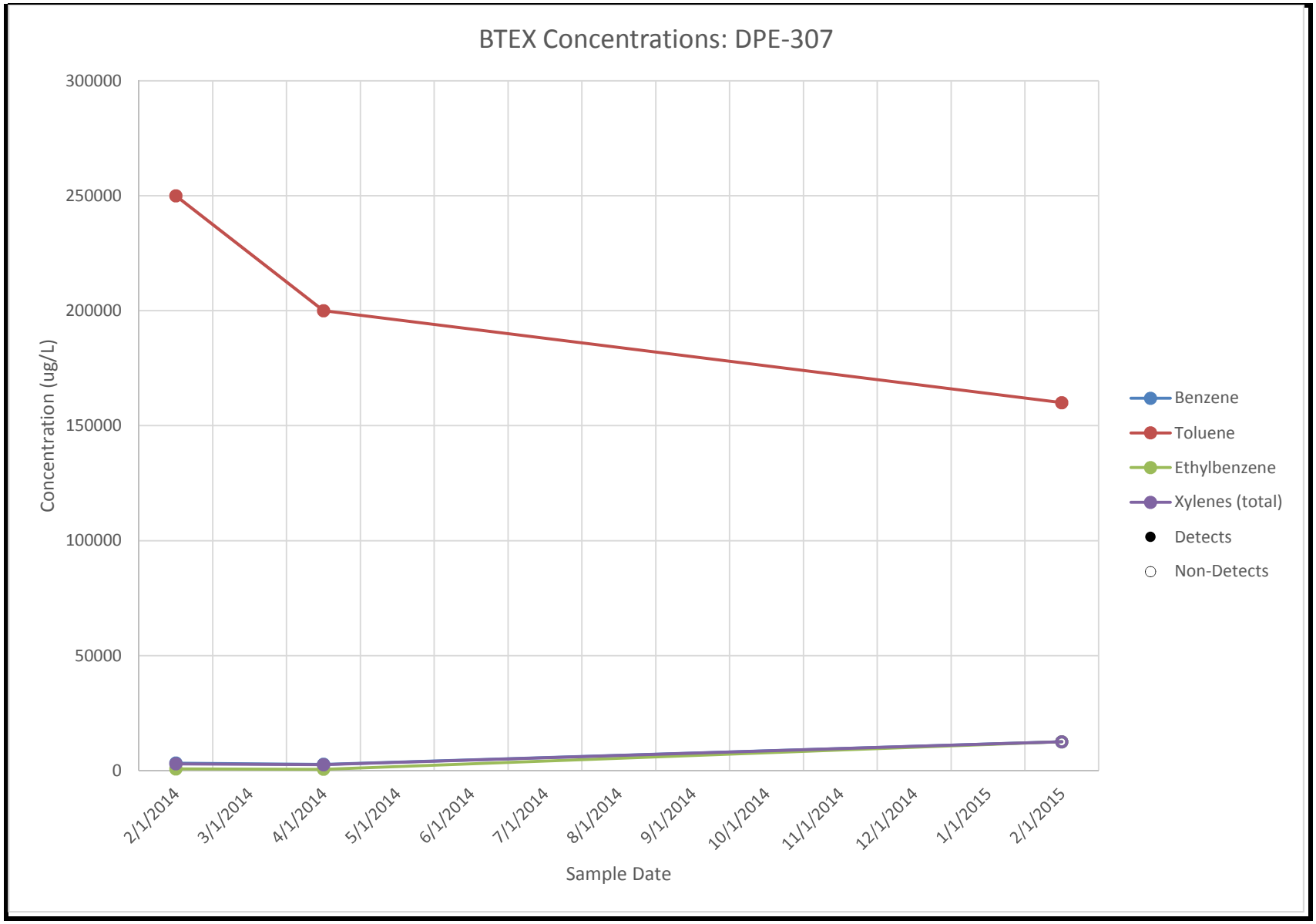
Appendix C

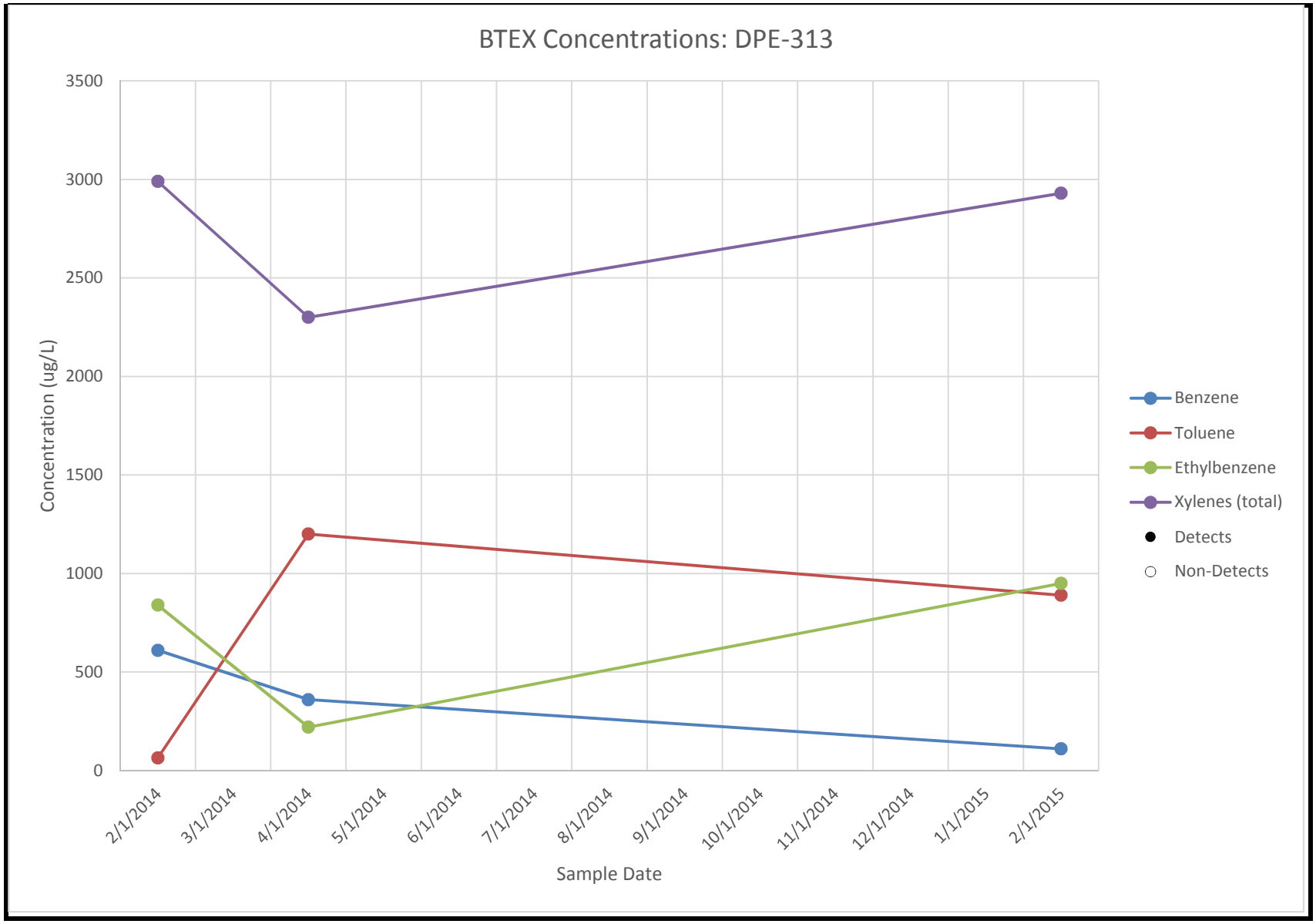
Trend Graphs

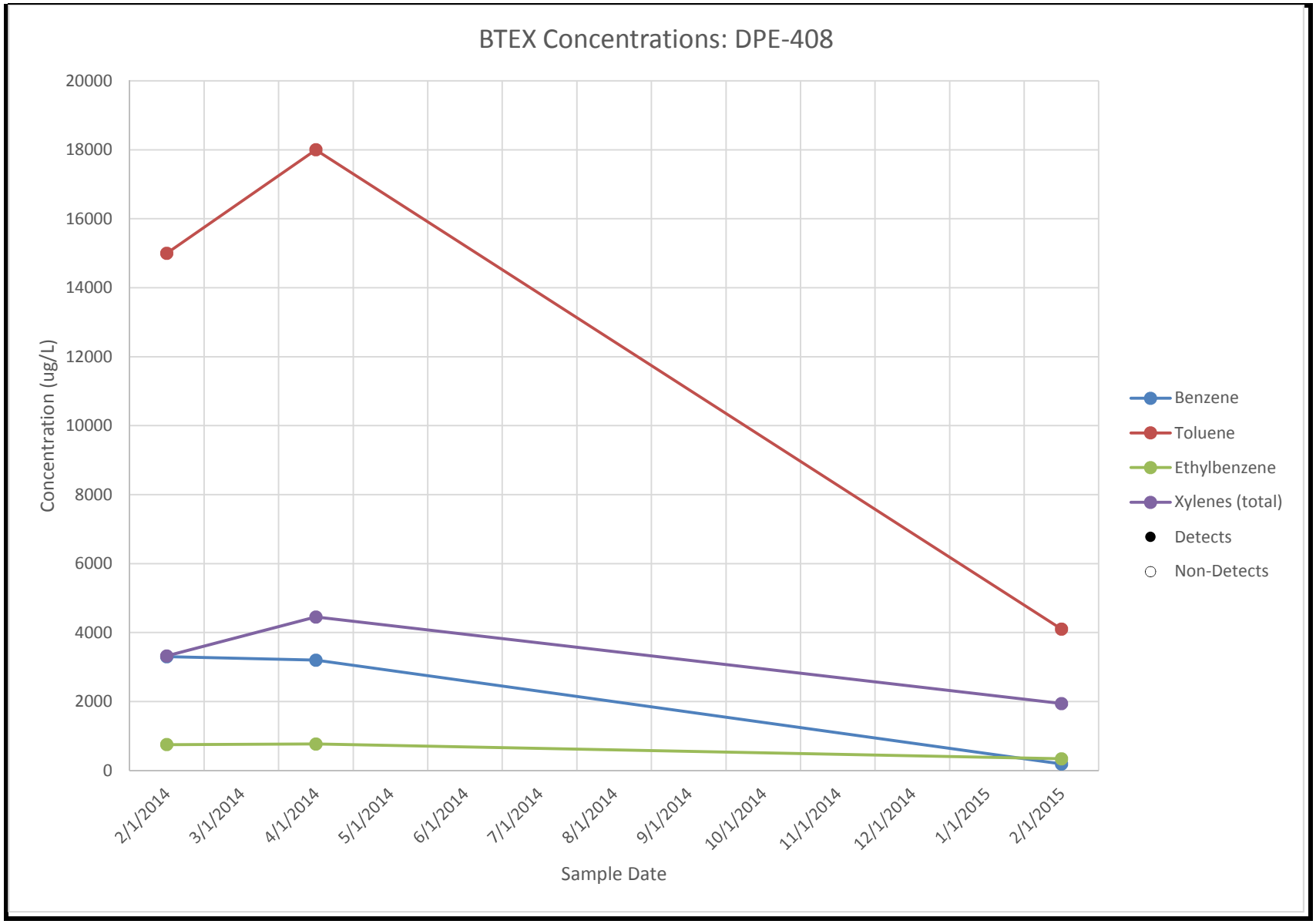

BTEX Concentrations: DPE-109
14000
12000
10000
8000
6000
4000
2000
0
Concentration (ug/L)
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

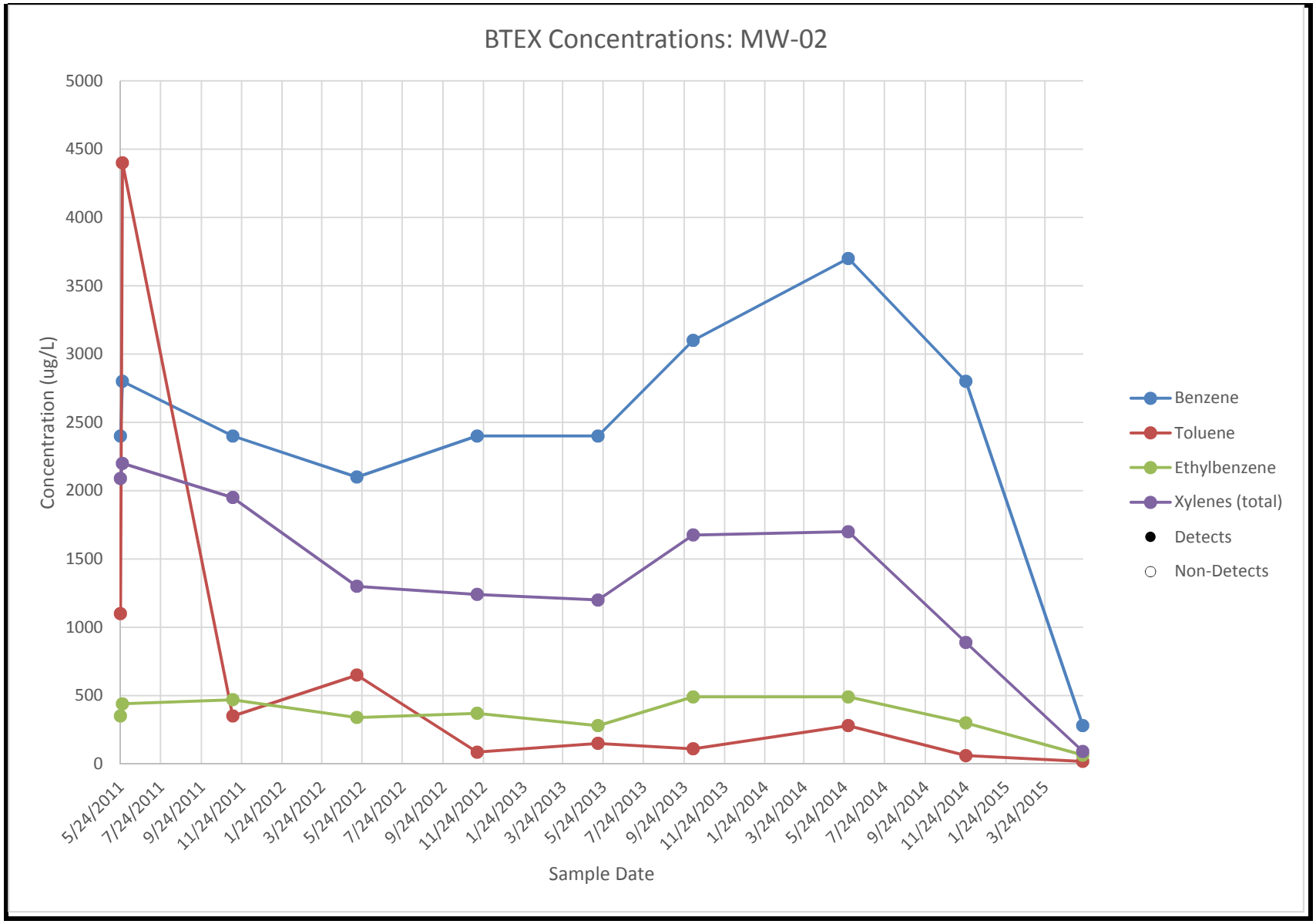

BTEX Concentrations: DPE-118
8000
7000
6000
5000
4000
3000
2000
1000
0
Concentration (ug/L)
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

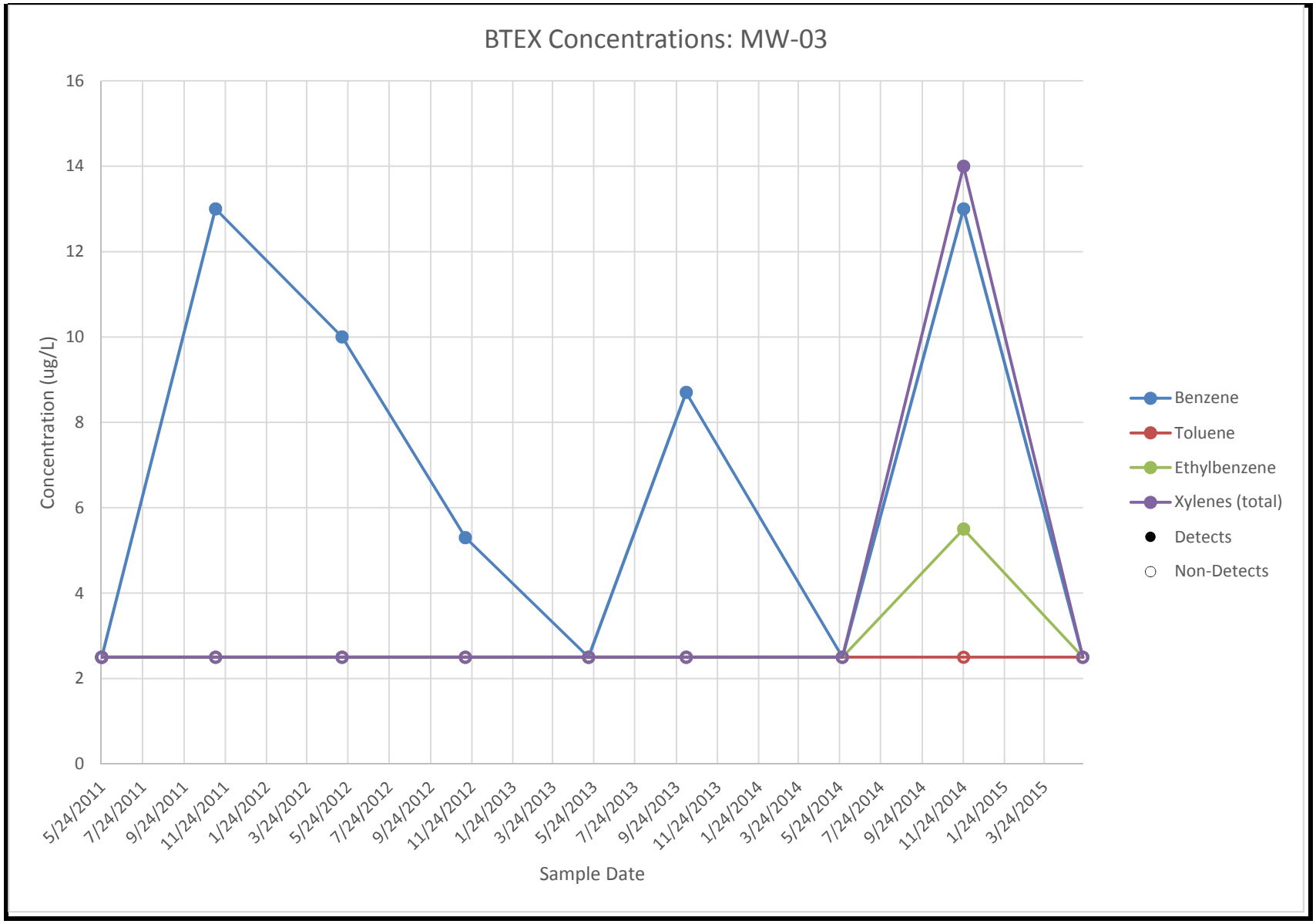

BTEX Concentrations: DPE-305
120000
100000
80000
60000
40000
20000
0
Concentration (ug/L)
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

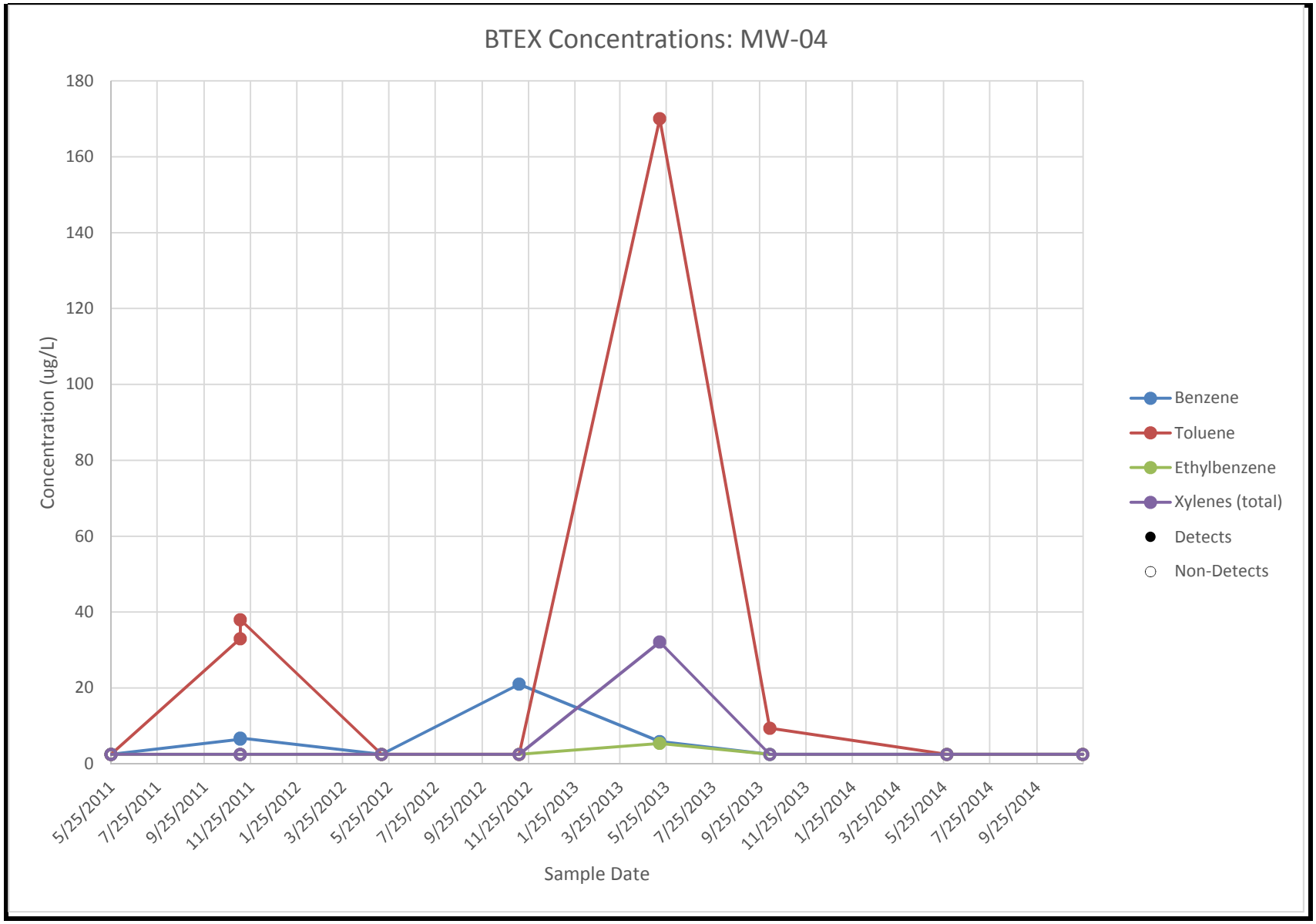

BTEX Concentrations: DPE-307
300000
250000
200000
150000
100000
50000
0
Concentration (ug/L)
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

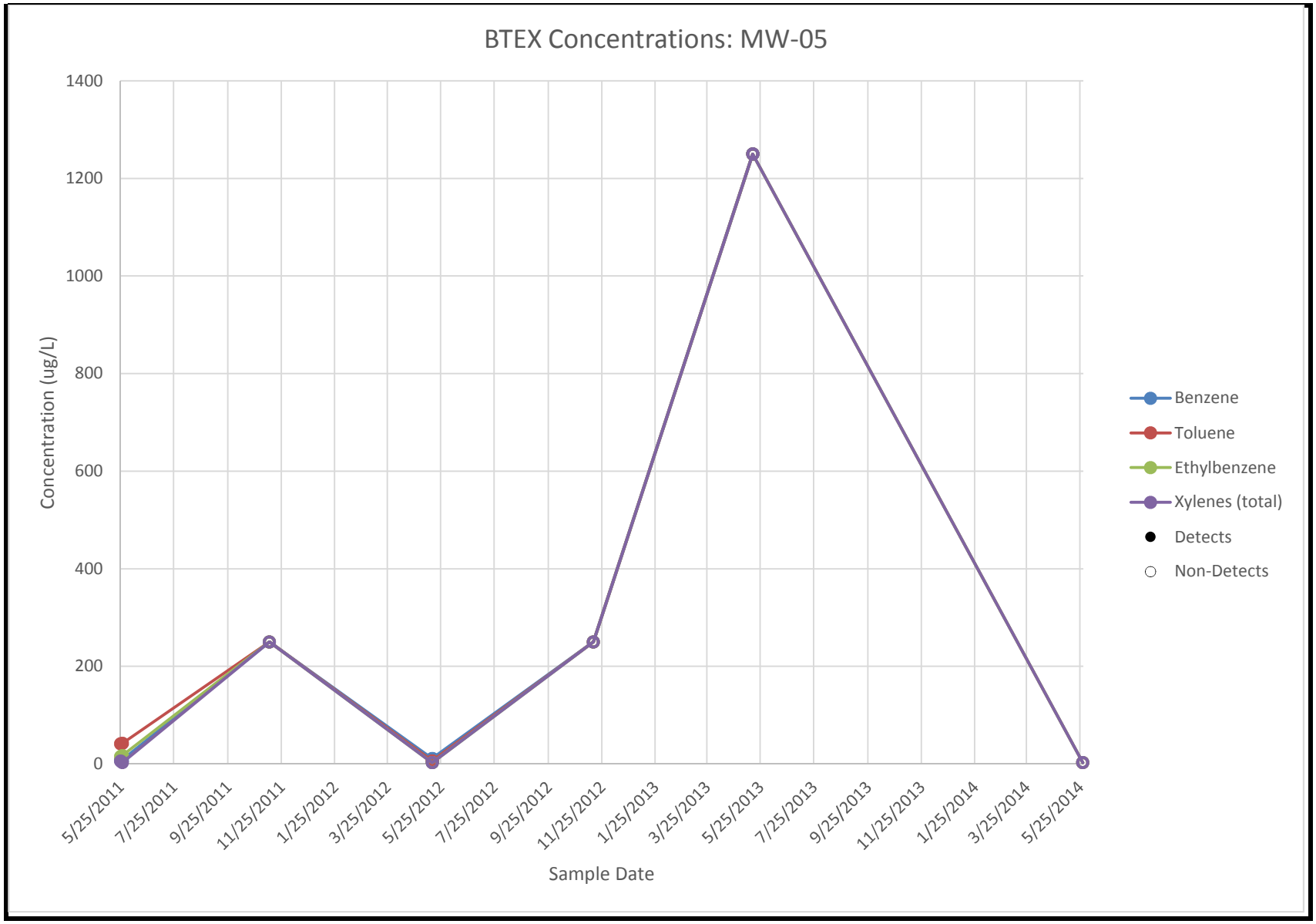

BTEX Concentrations: DPE-313
Concentration (ug/L)
3500
3000
2500
2000
1500
1000
500
0
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

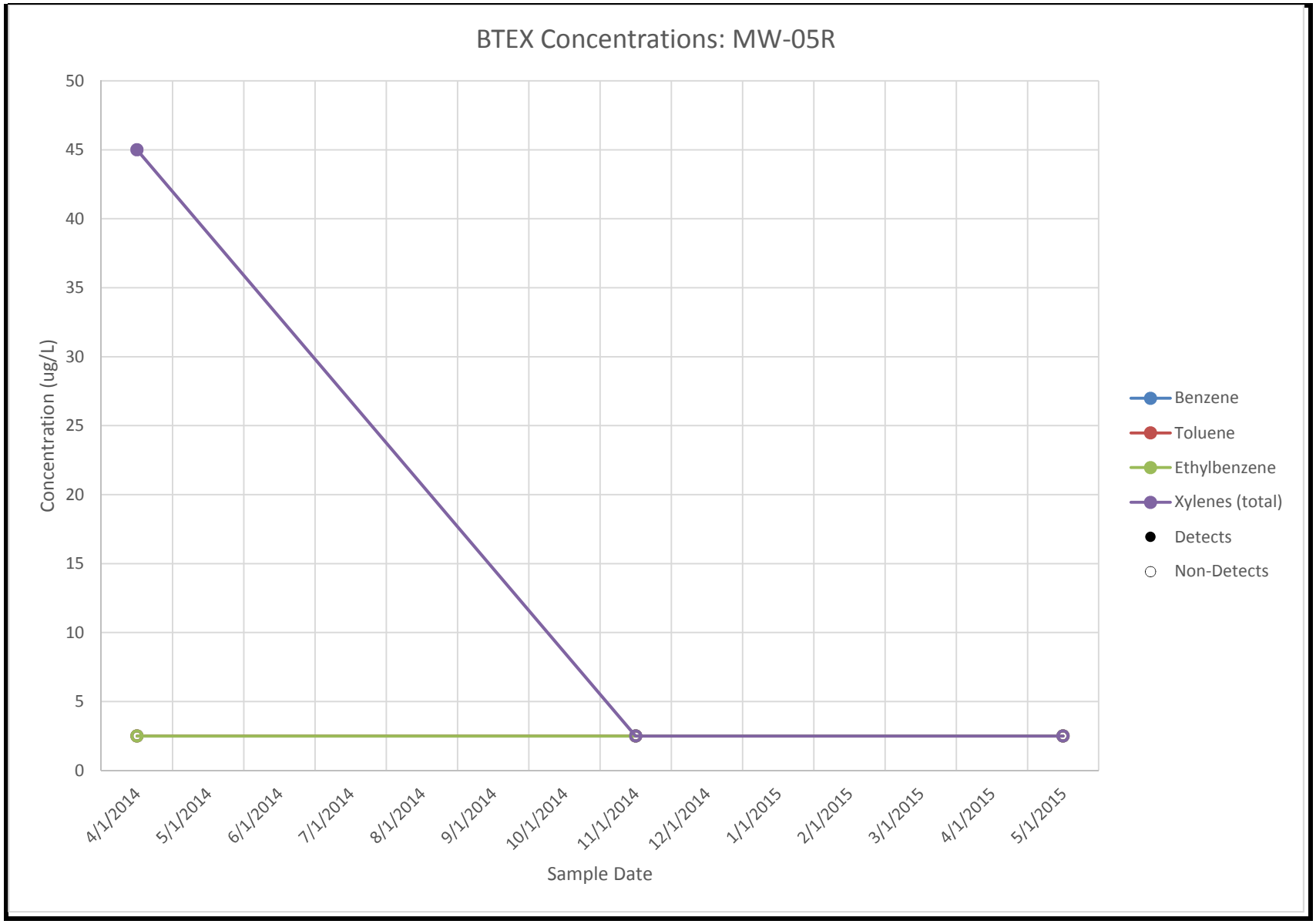

BTEX Concentrations: DPE-408
Concentration (ug/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

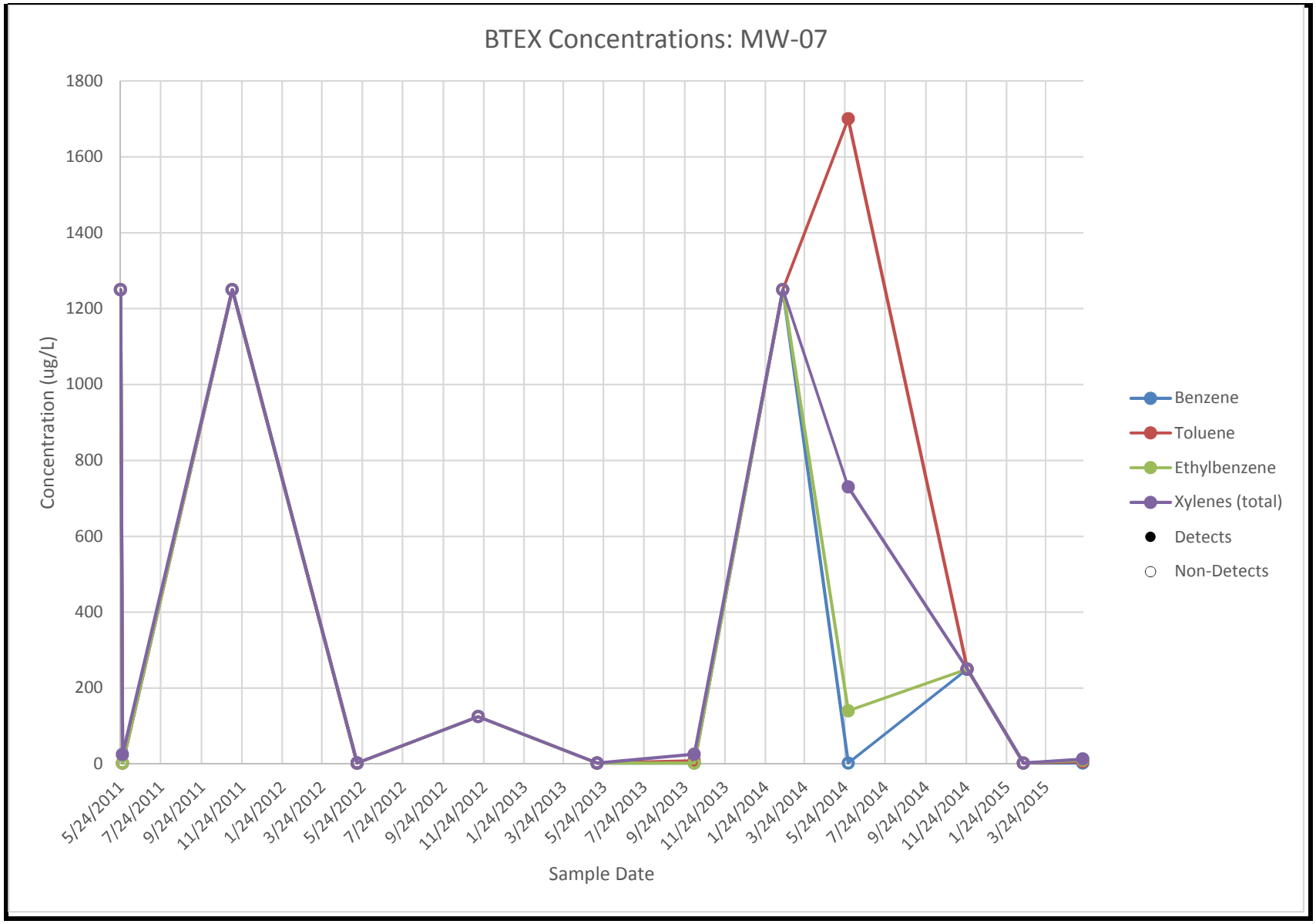

BTEX Concentrations: MW-02
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

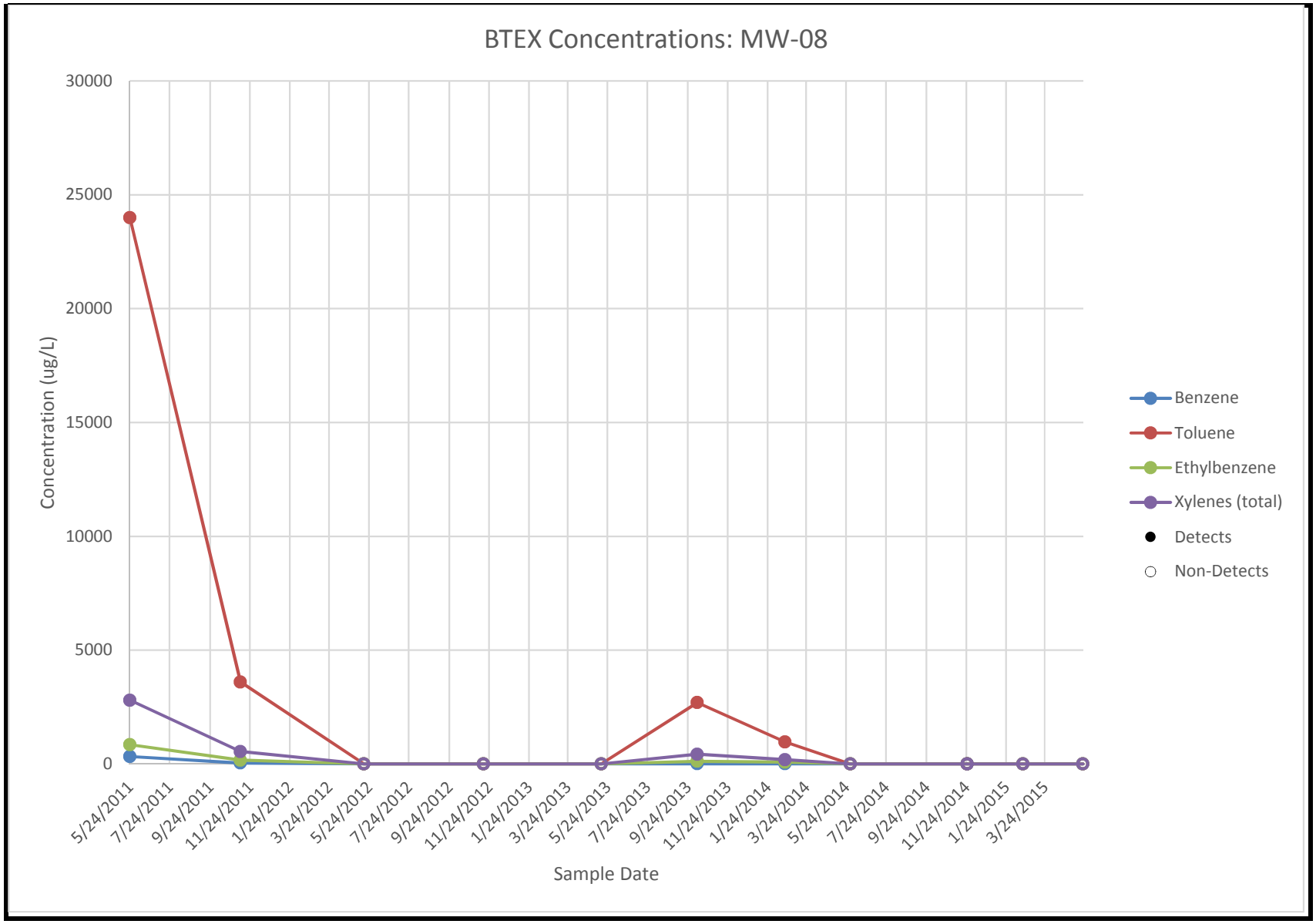

BTEX Concentrations: MW-03
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

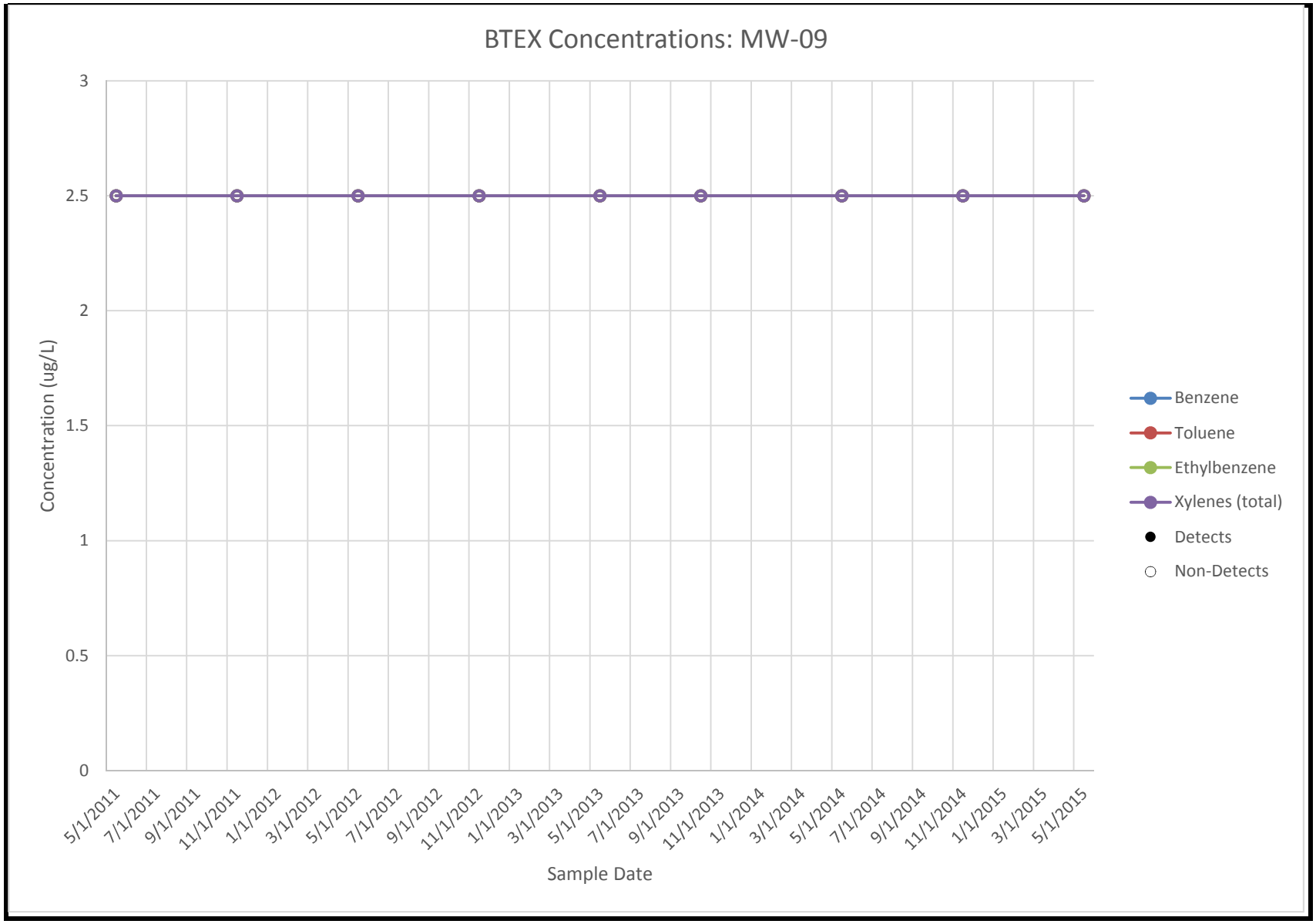

BTEX Concentrations: MW-04
Concentration (ug/L)
180
160
140
120
100
80
60
40
20
0
5/25/2011
7/25/2011
9/25/2011
11/25/2011
1/25/2012
3/25/2012
5/25/2012
7/25/2012
9/25/2012
11/25/2012
1/25/2013
3/25/2013
5/25/2013
7/25/2013
9/25/2013
11/25/2013
1/25/2014
3/25/2014
5/25/2014
7/25/2014
9/25/2014
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

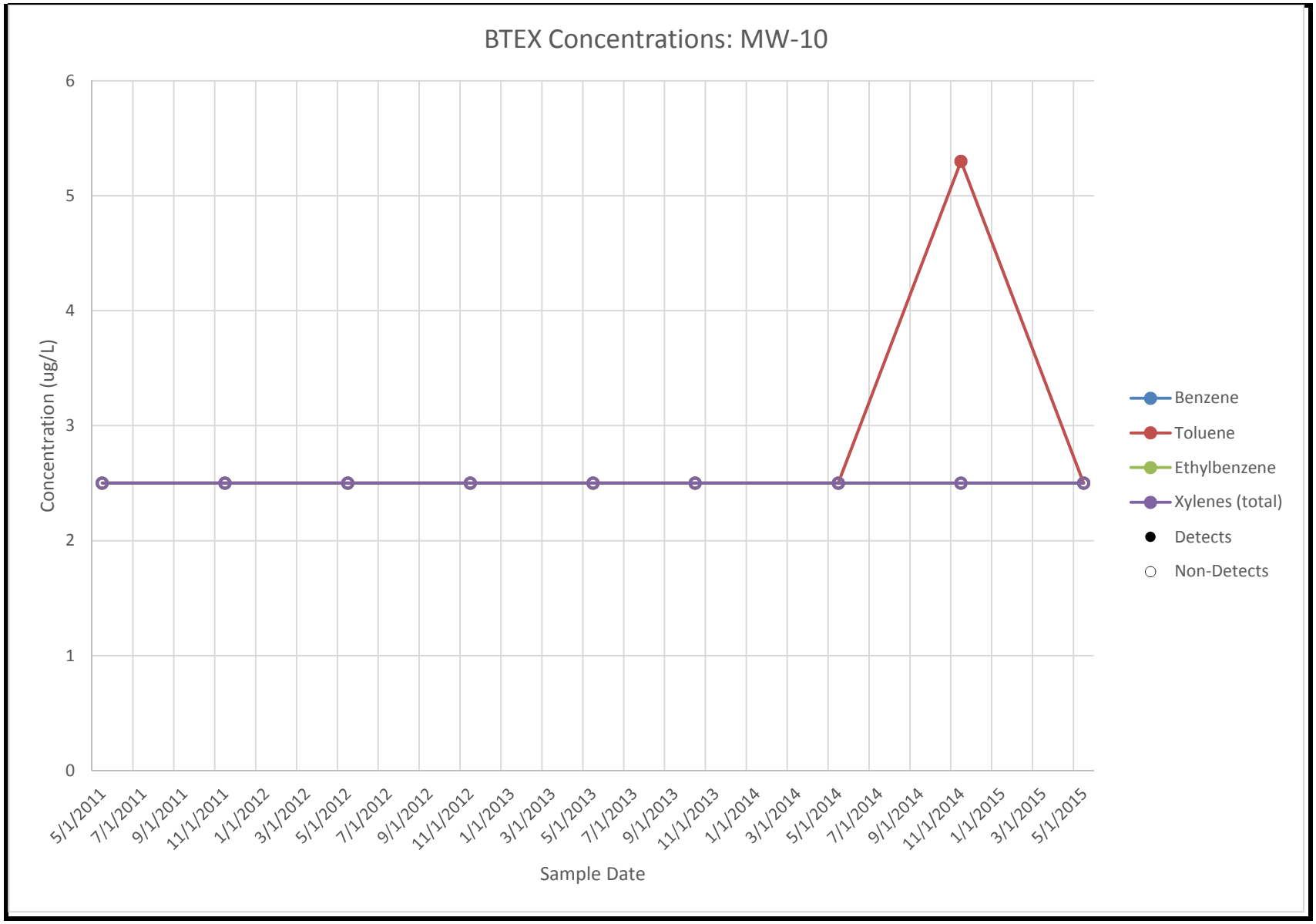

BTEX Concentrations: MW-05
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
5/25/2011
7/25/2011
9/25/2011
11/25/2011
1/25/2012
3/25/2012
5/25/2012
7/25/2012
9/25/2012
11/25/2012
1/25/2013
3/25/2013
5/25/2013
7/25/2013
9/25/2013
11/25/2013
1/25/2014
3/25/2014
5/25/2014
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

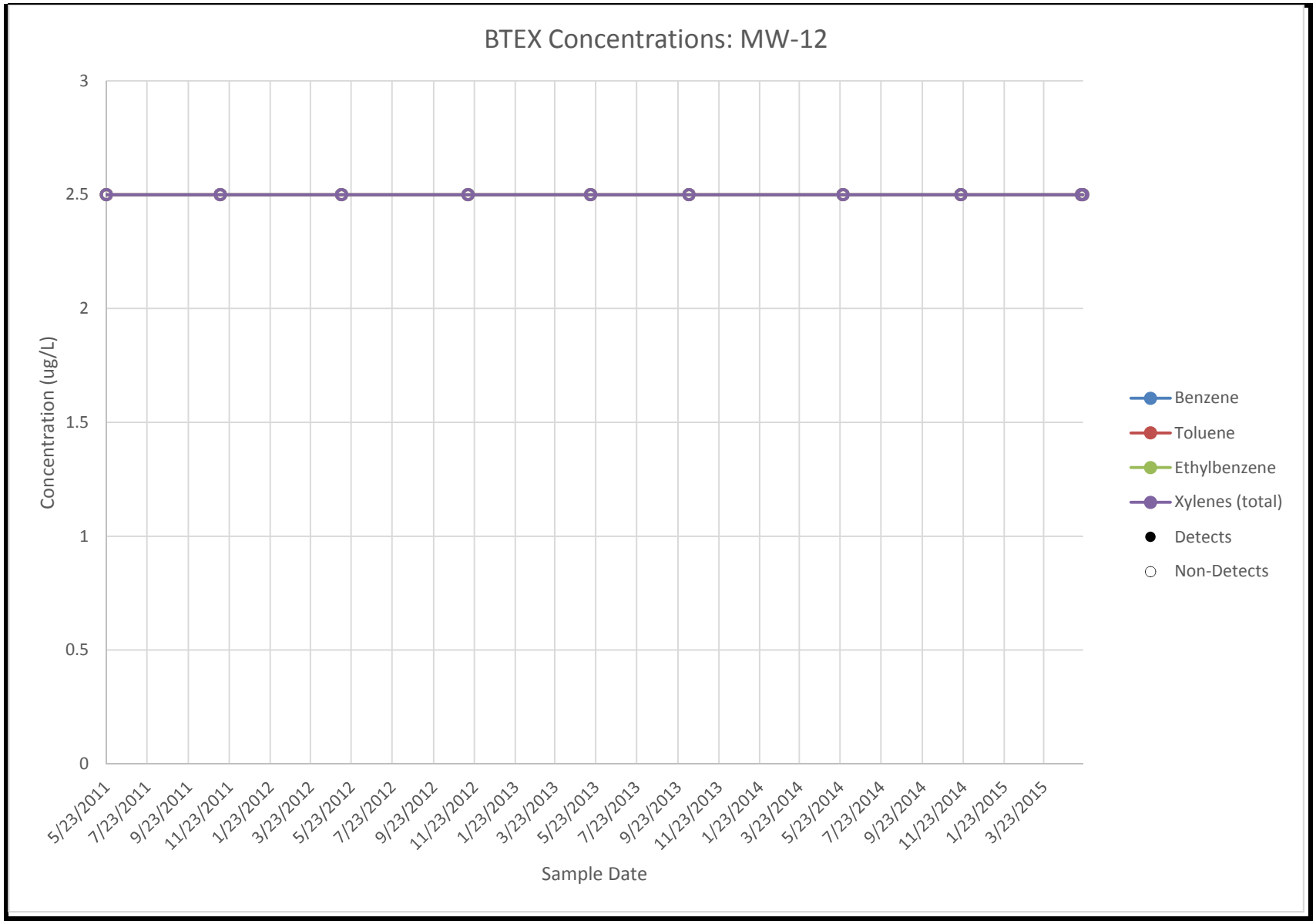

BTEX Concentrations: MW-05R
Concentration (ug/L)
50
45
40
35
30
25
20
15
10
5
0
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

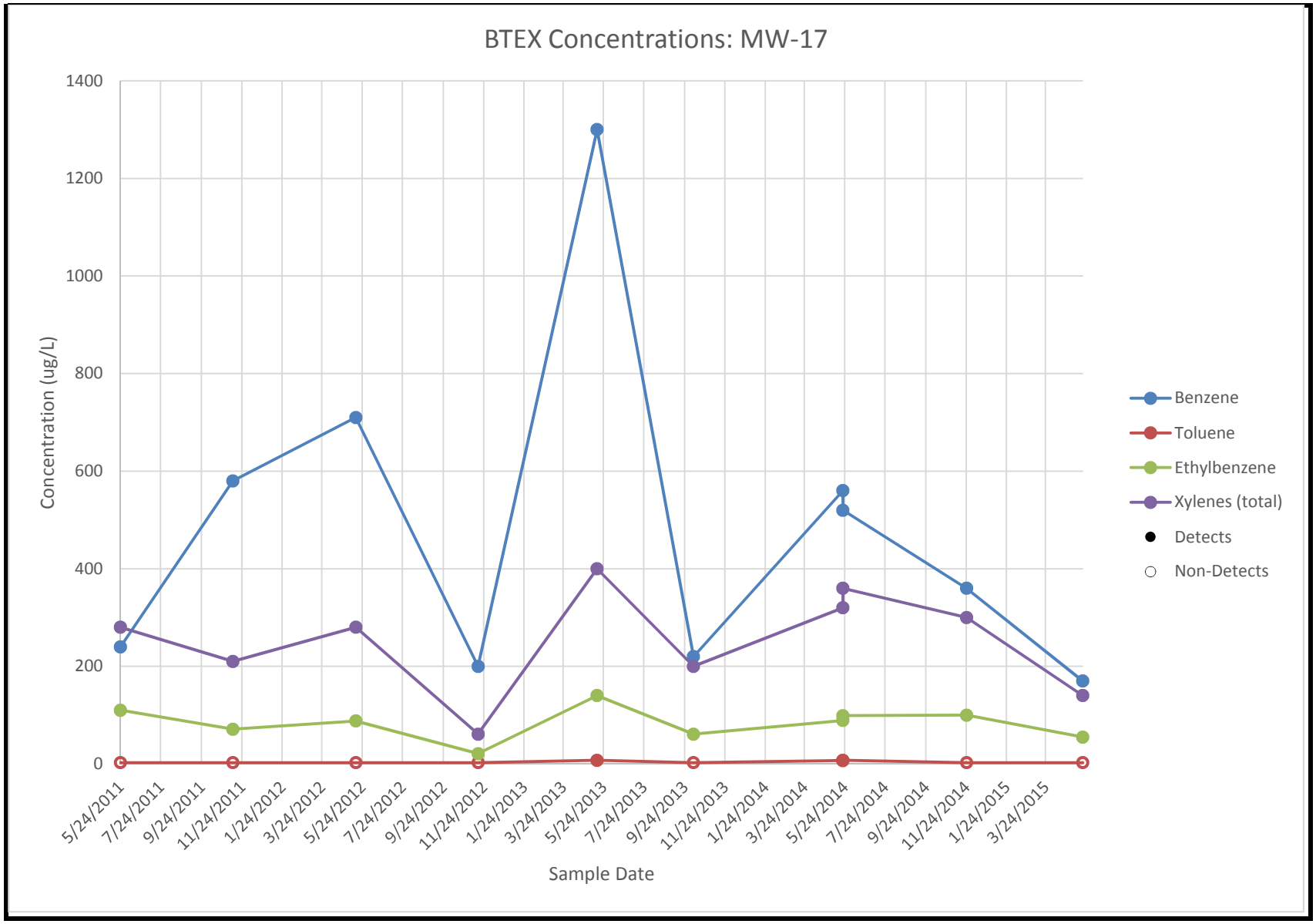

BTEX Concentrations: MW-07
Concentration (ug/L)
1800
1600
1400
1200
1000
800
600
400
200
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

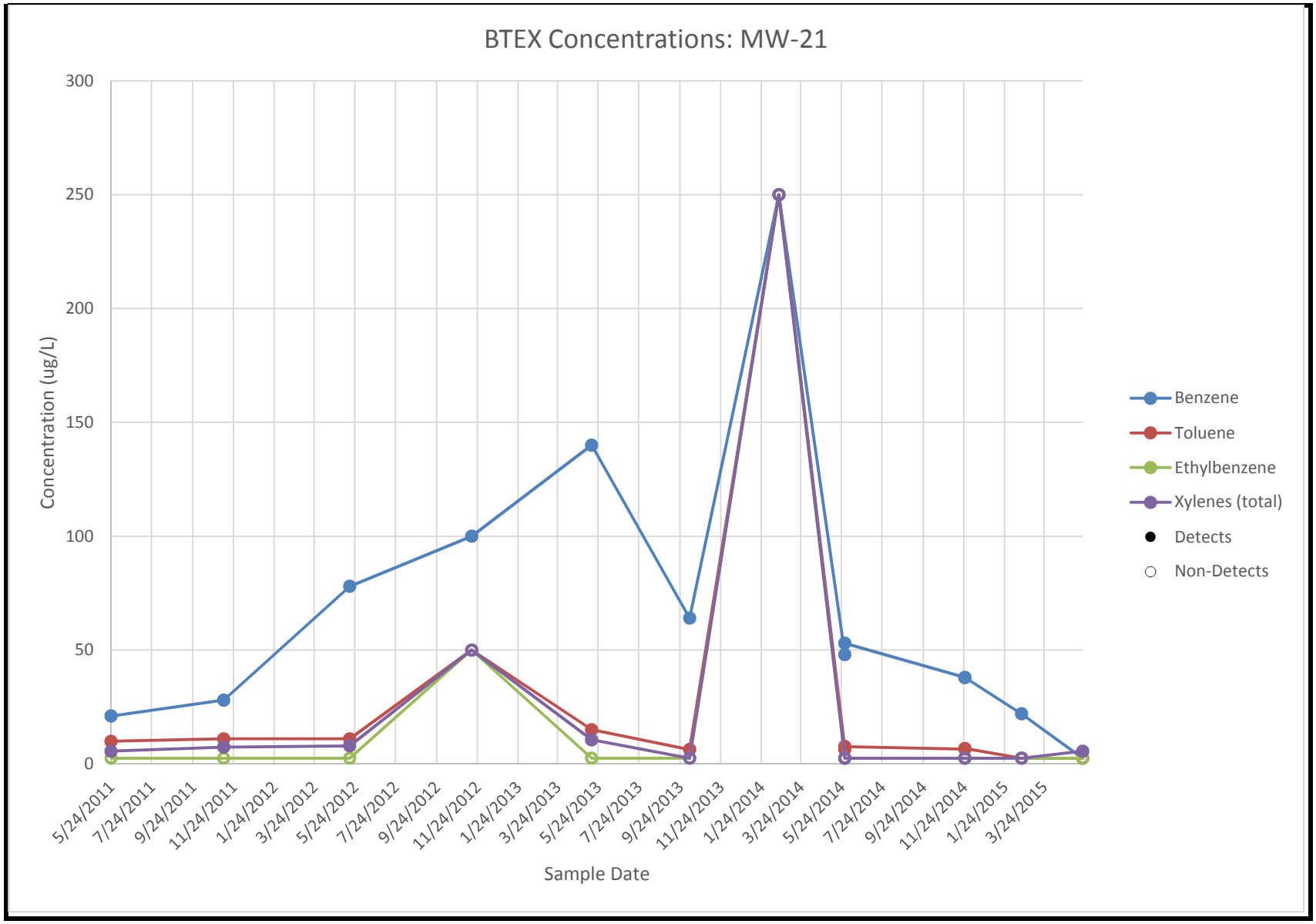

BTEX Concentrations: MW-08
30000
25000
20000
15000
10000
5000
0
Concentration (ug/L)
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

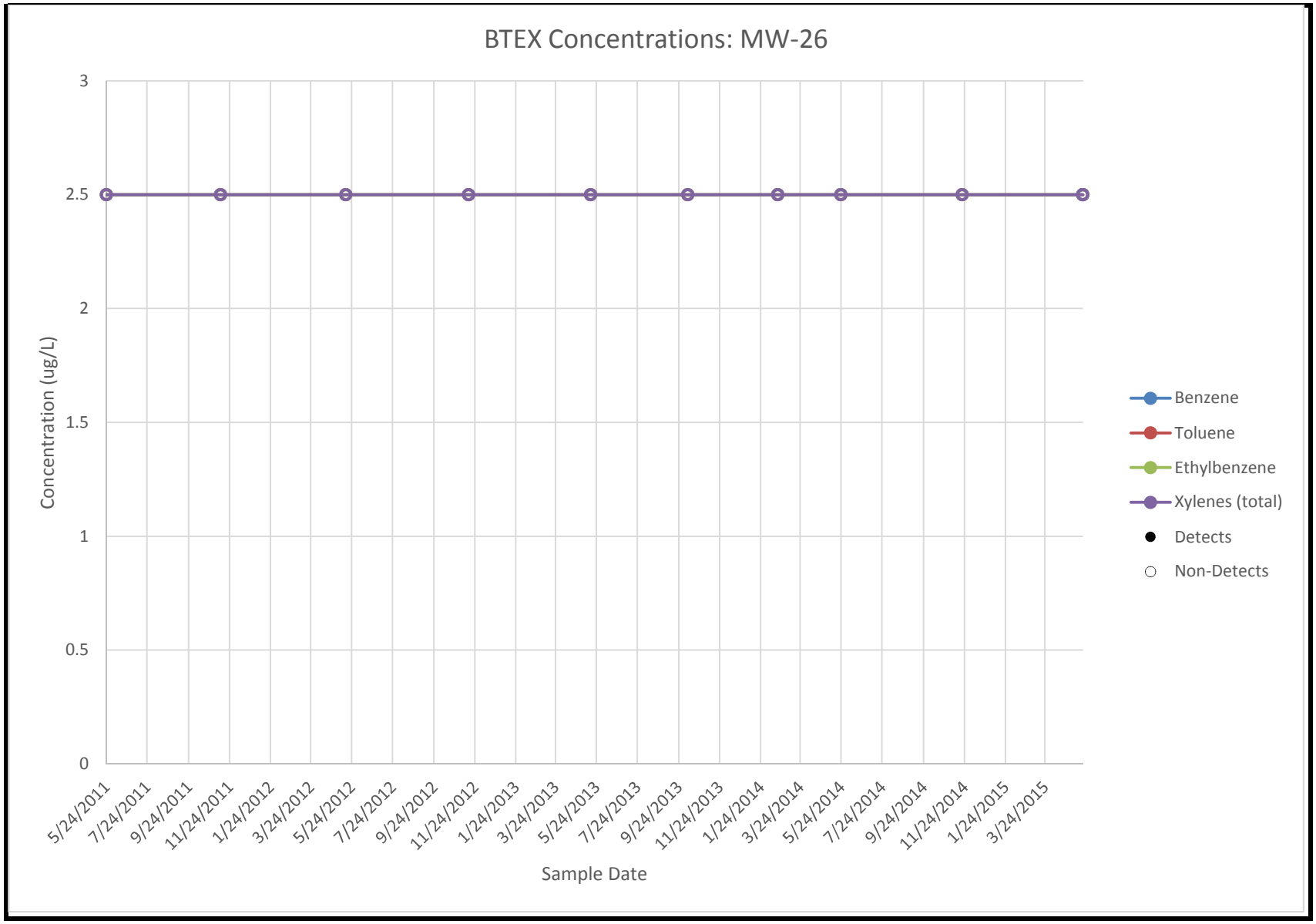

BTEX Concentrations: MW-09
Concentration (ug/L)
3
2.5
2
1.5
1
0.5
0
5/1/2011
7/1/2011
9/1/2011
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

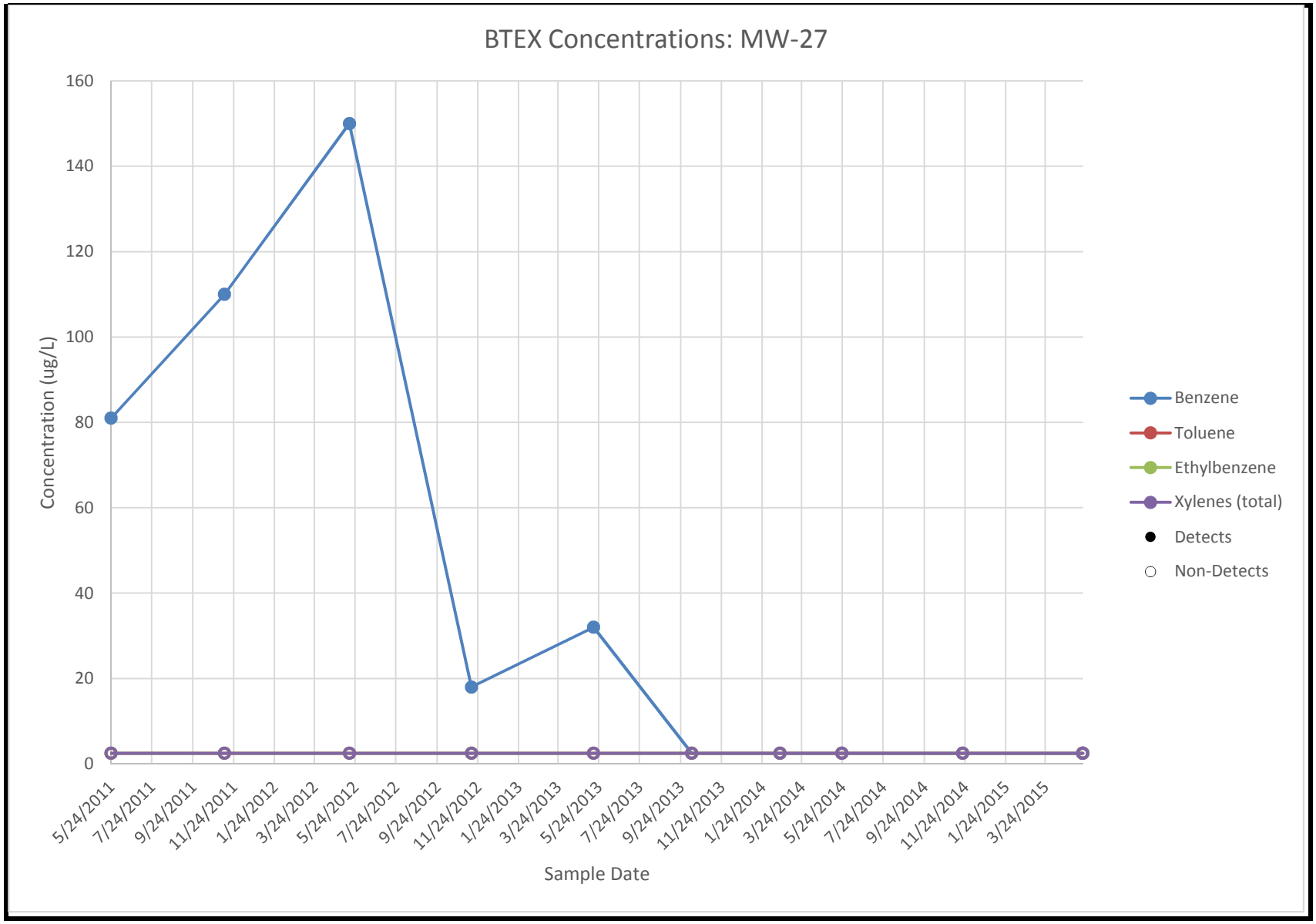

BTEX Concentrations: MW-10
Concentration (ug/L)
0
1
2
3
4
5
6
5/1/2011
7/1/2011
9/1/2011
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

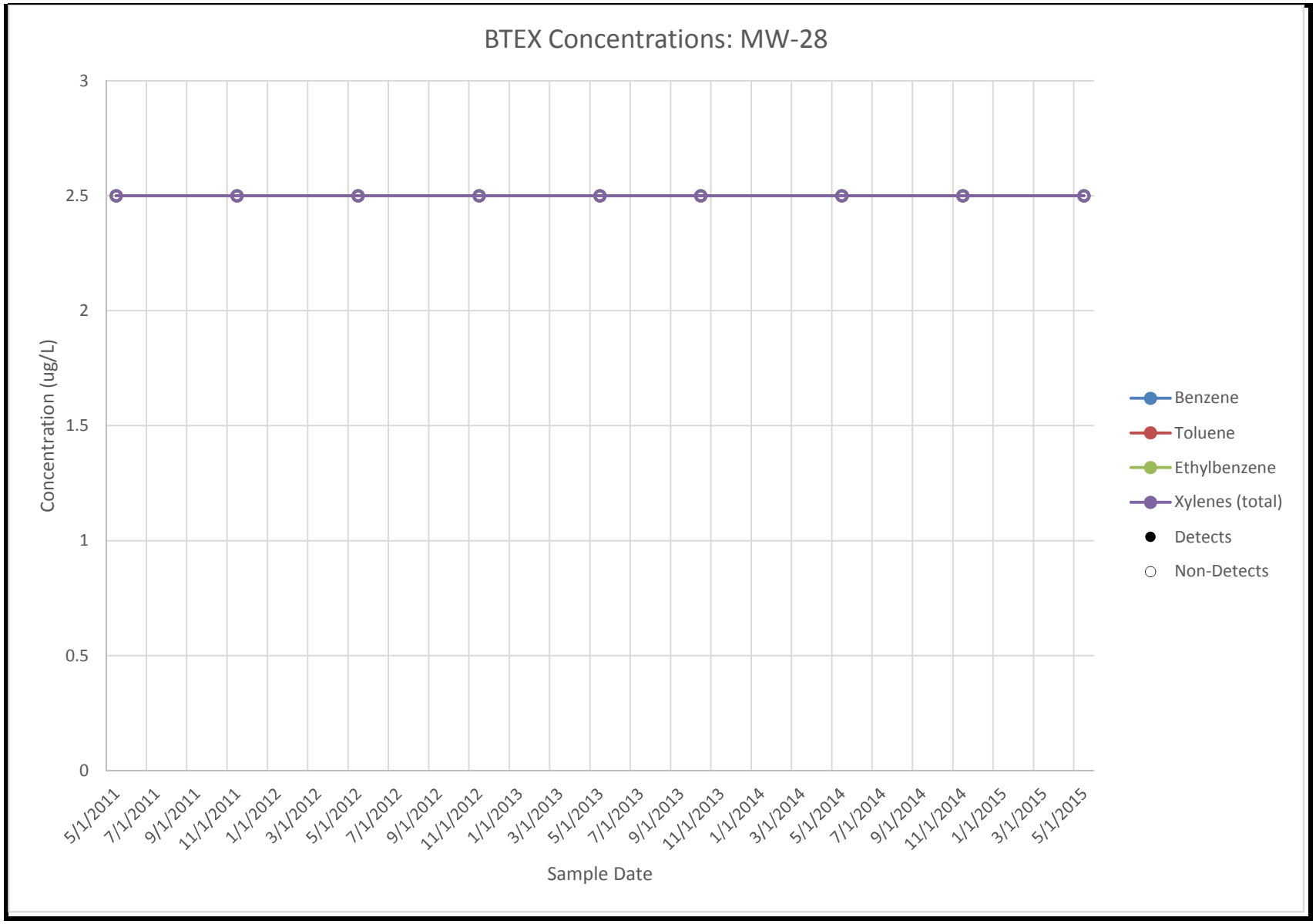

BTEX Concentrations: MW-12
Concentration (ug/L)
3
2.5
2
1.5
1
0.5
0
5/23/2011
7/23/2011
9/23/2011
11/23/2011
1/23/2012
3/23/2012
5/23/2012
7/23/2012
9/23/2012
11/23/2012
1/23/2013
3/23/2013
5/23/2013
7/23/2013
9/23/2013
11/23/2013
1/23/2014
3/23/2014
5/23/2014
7/23/2014
9/23/2014
11/23/2014
1/23/2015
3/23/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

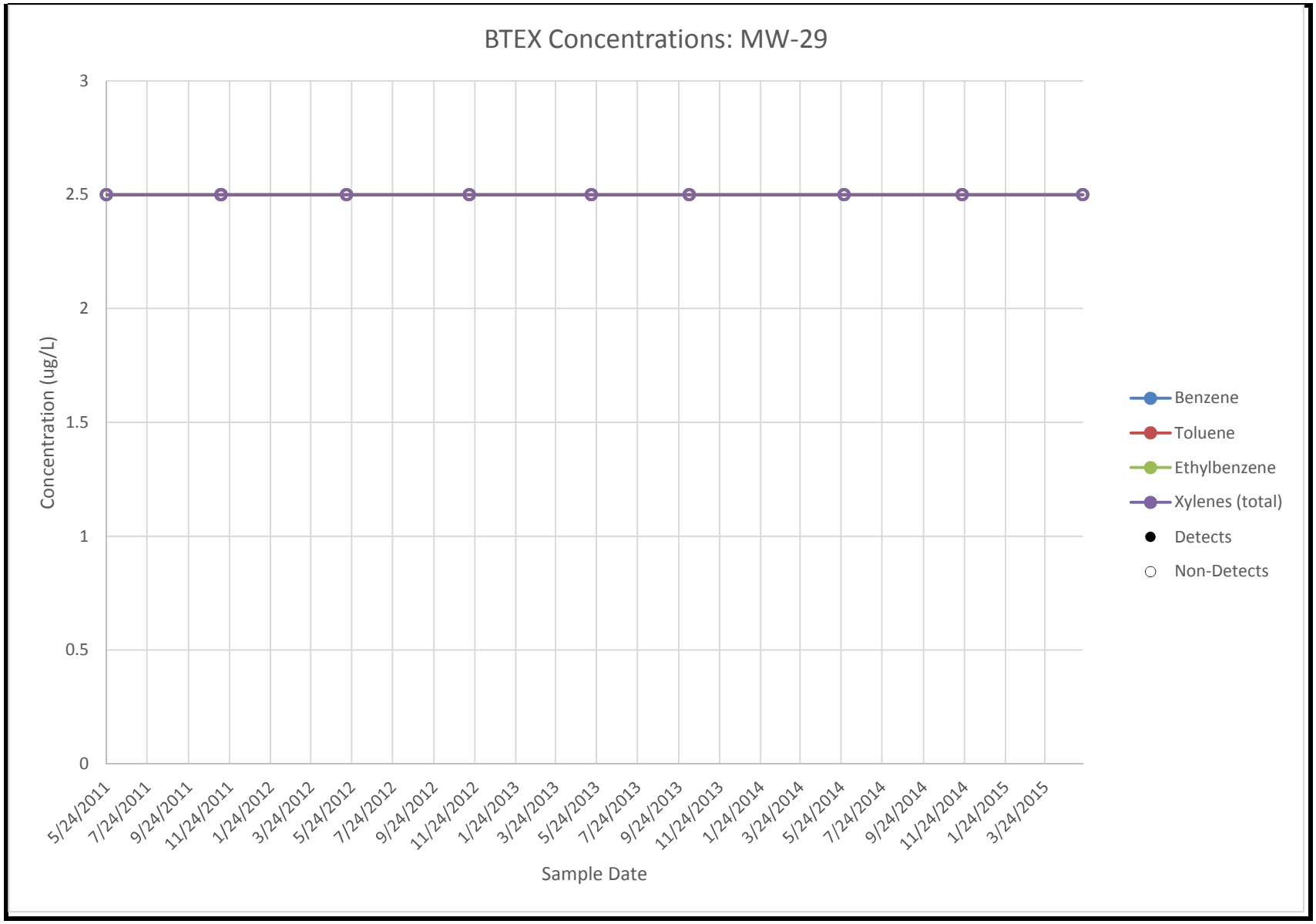

BTEX Concentrations: MW-17
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

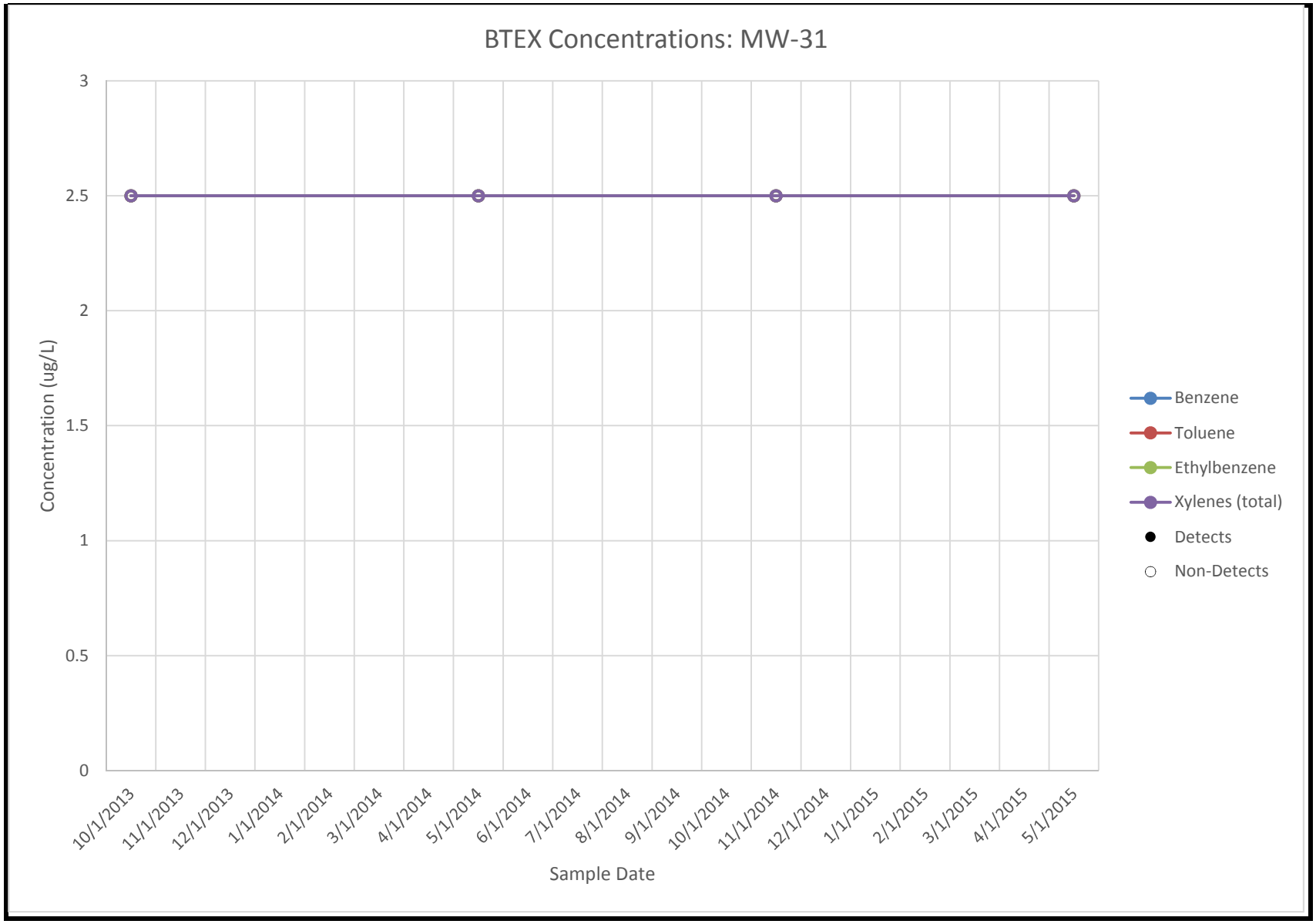

BTEX Concentrations: MW-21
Concentration (ug/L)
300
250
200
150
100
50
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

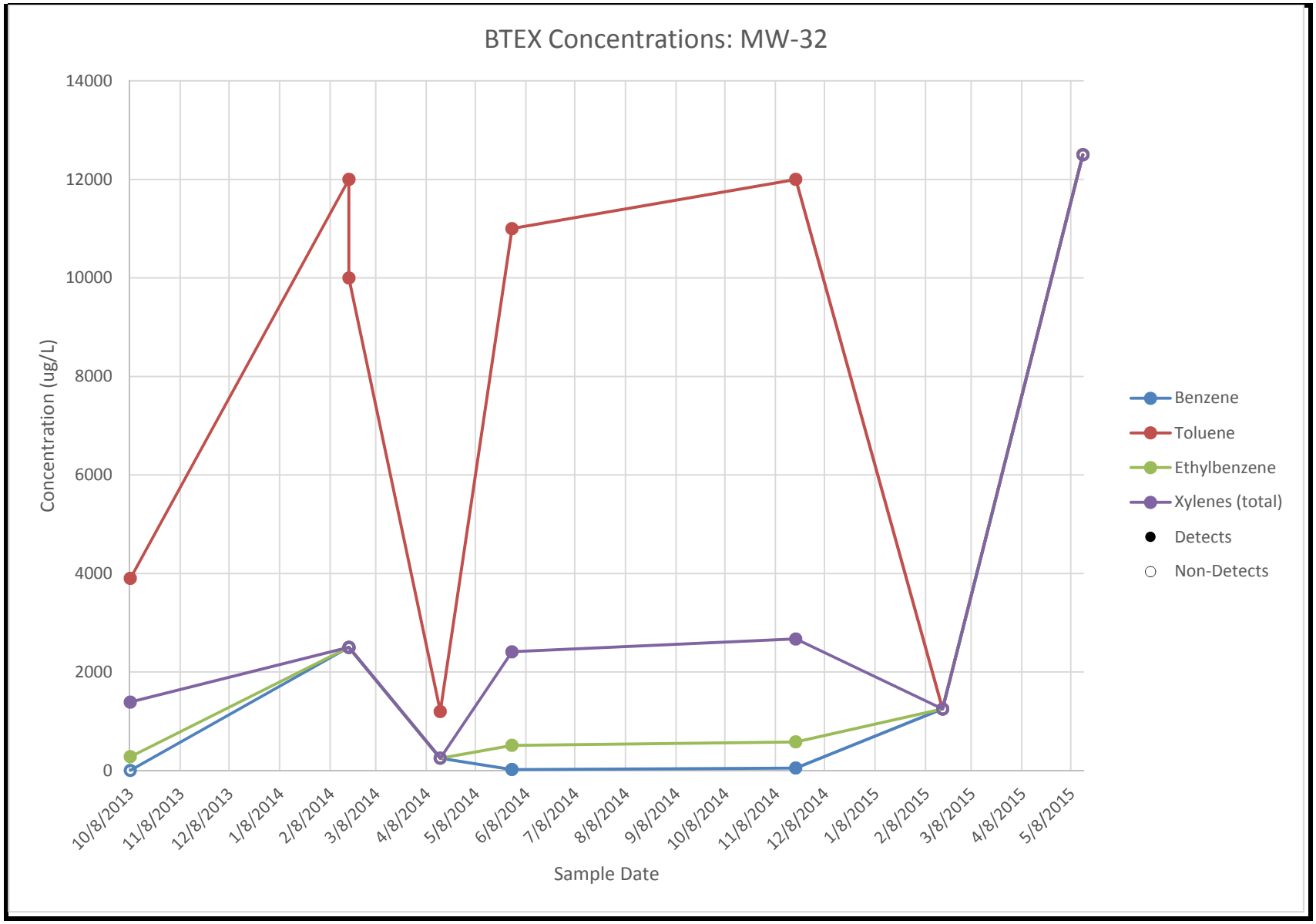

BTEX Concentrations: MW-26
Concentration (ug/L)
3
2.5
2
1.5
1
0.5
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

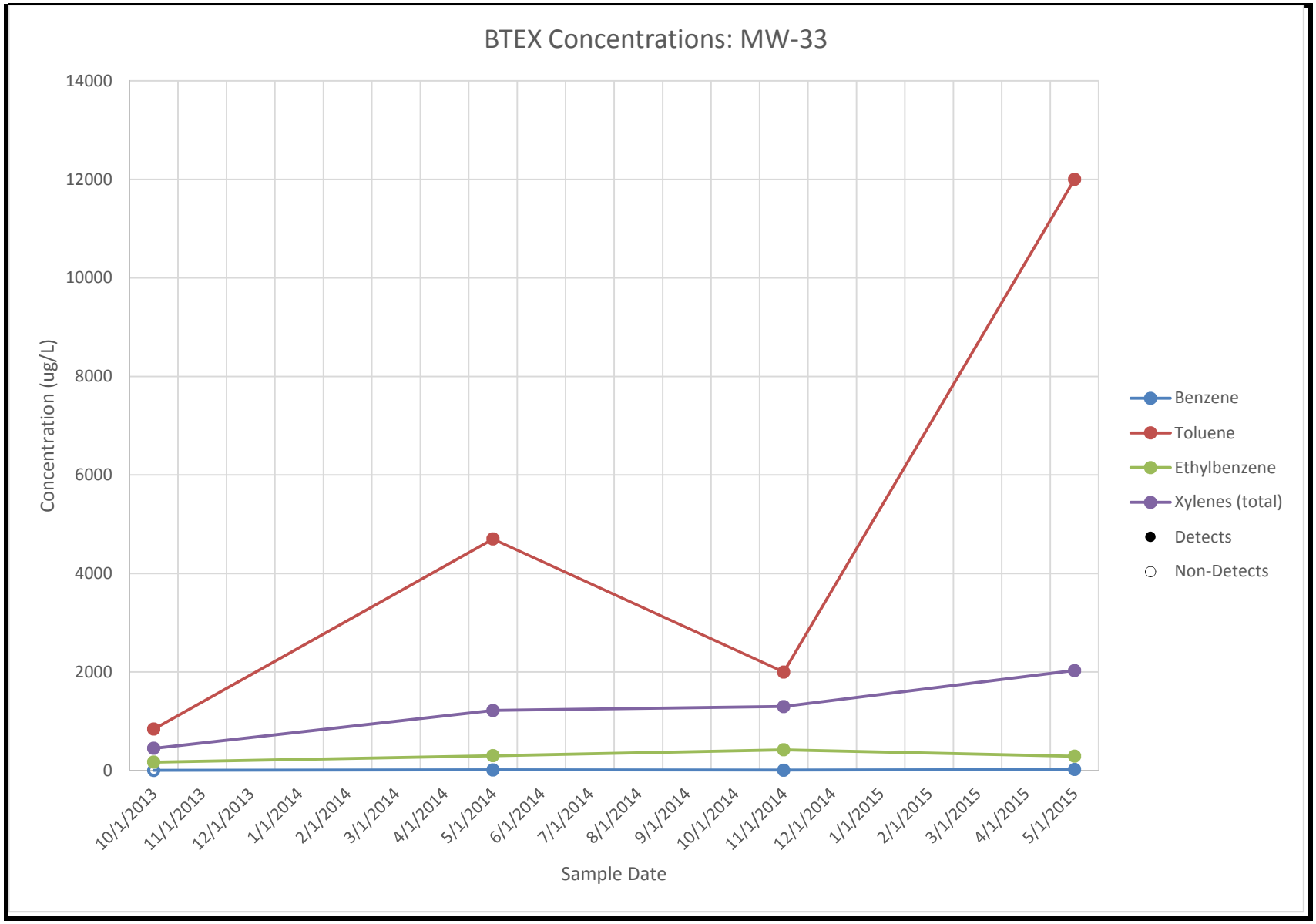

BTEX Concentrations: MW-27
Concentration (ug/L)
160
140
120
100
80
60
40
20
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

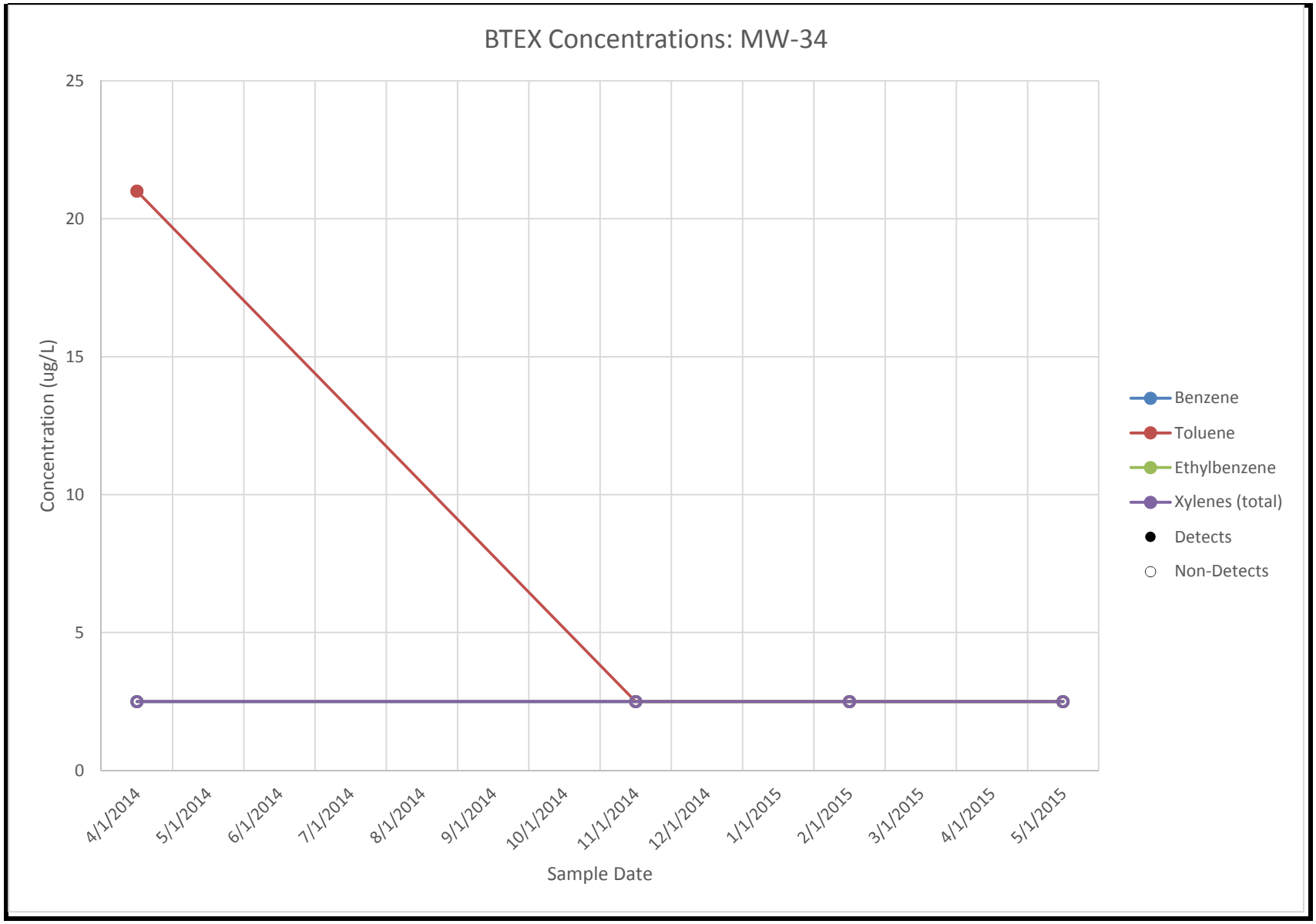

BTEX Concentrations: MW-28
Concentration (ug/L)
3
2.5
2
1.5
1
0.5
0
5/1/2011
7/1/2011
9/1/2011
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

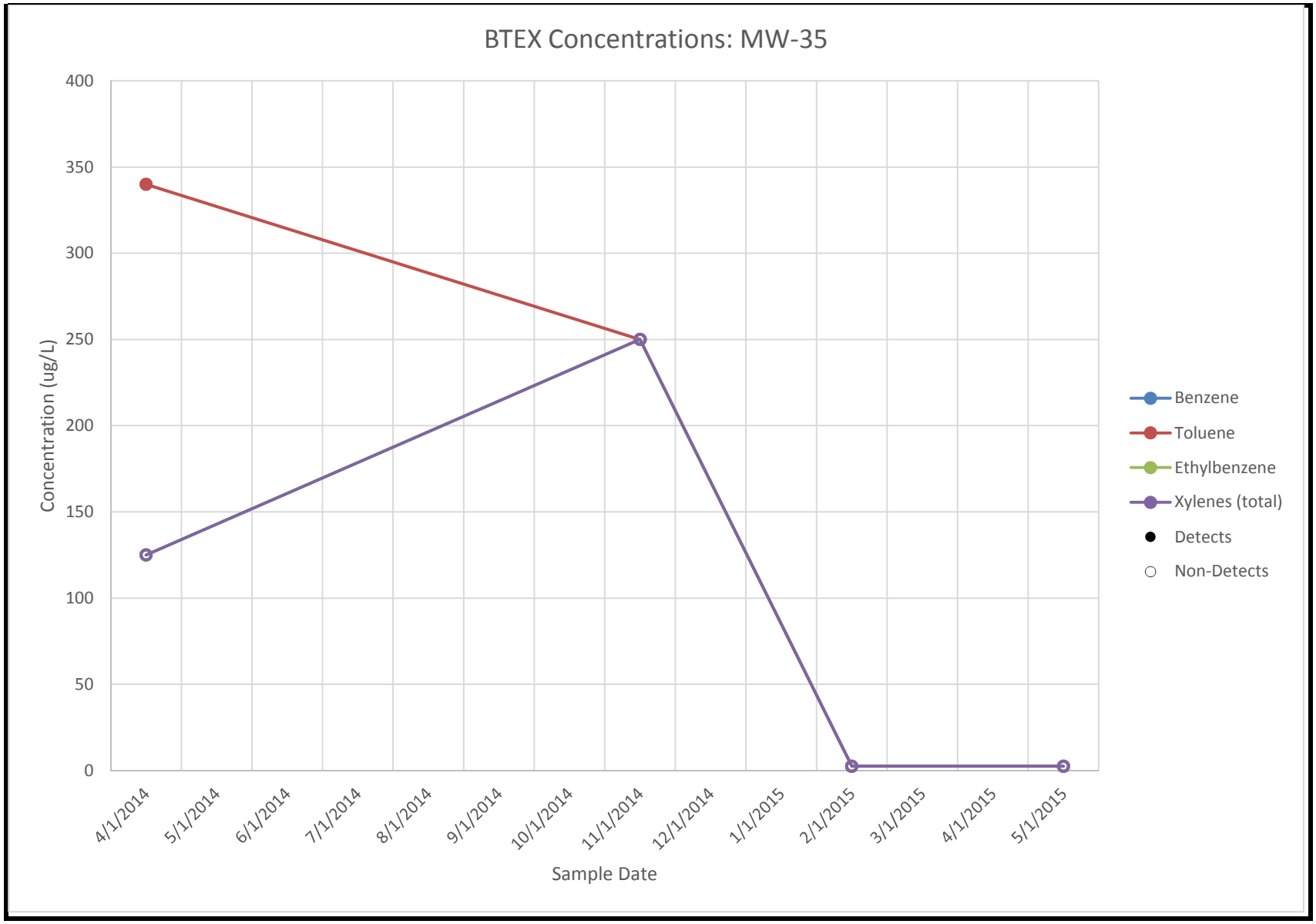

BTEX Concentrations: MW-29
Concentration (ug/L)
3
2.5
2
1.5
1
0.5
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

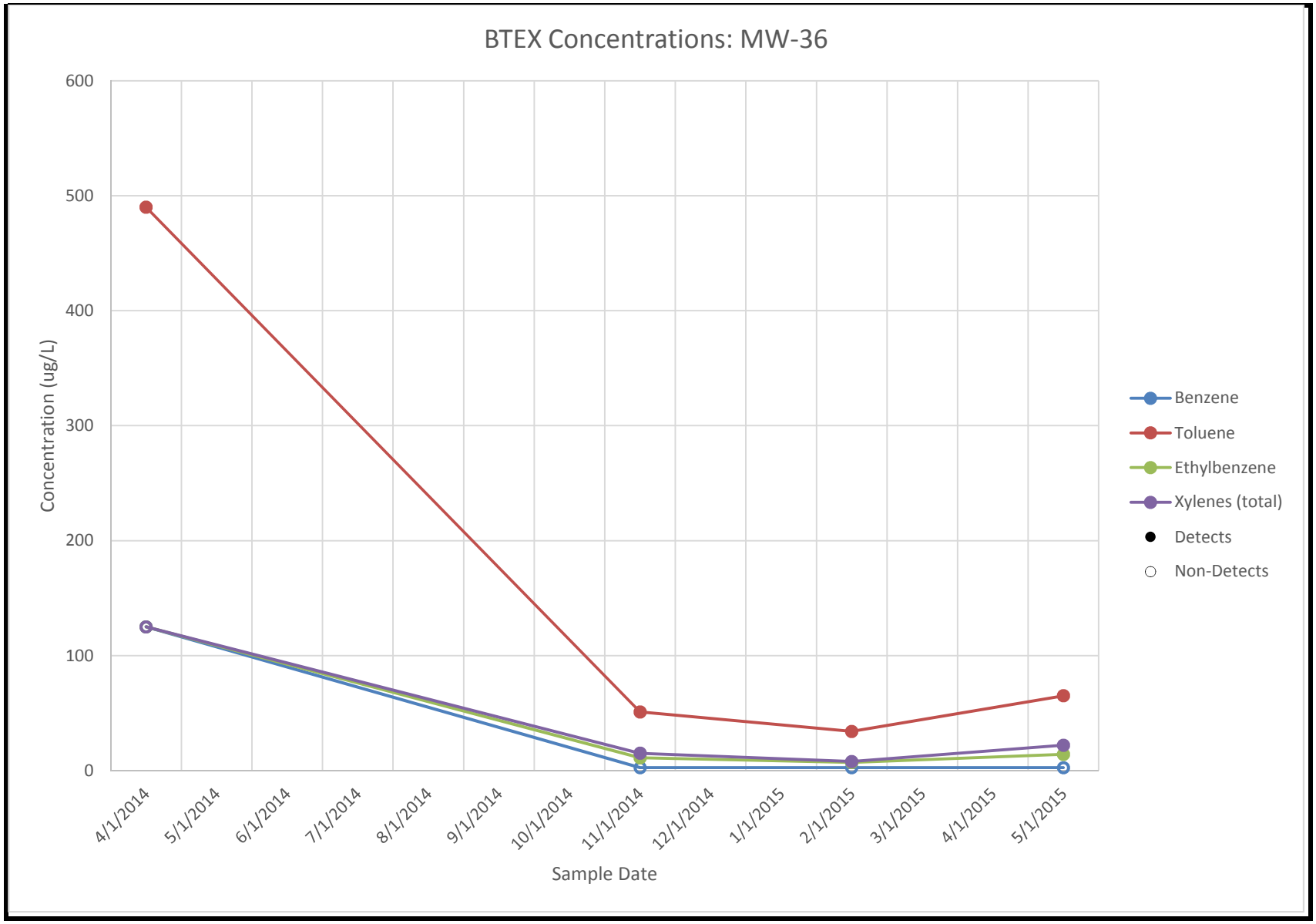

BTEX Concentrations: MW-31
Concentration (ug/L)
3
2.5
2
1.5
1
0.5
0
10/1/2013
11/1/2013
12/1/2013
1/1/2014
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

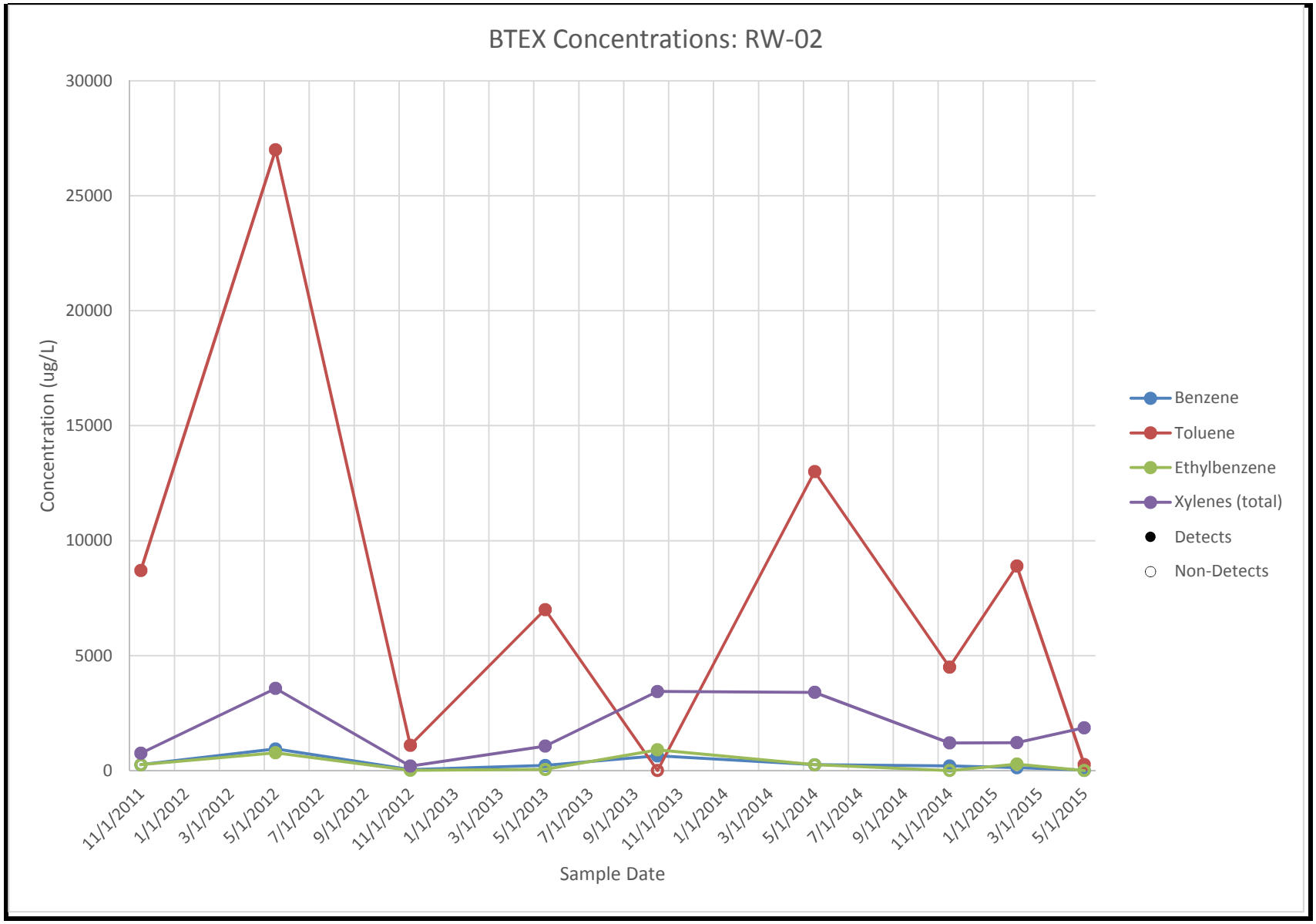

BTEX Concentrations: MW-32
Concentration (ug/L)
14000
12000
10000
8000
6000
4000
2000
0
10/8/2013
11/8/2013
12/8/2013
1/8/2014
2/8/2014
3/8/2014
4/8/2014
5/8/2014
6/8/2014
7/8/2014
8/8/2014
9/8/2014
10/8/2014
11/8/2014
12/8/2014
1/8/2015
2/8/2015
3/8/2015
4/8/2015
5/8/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

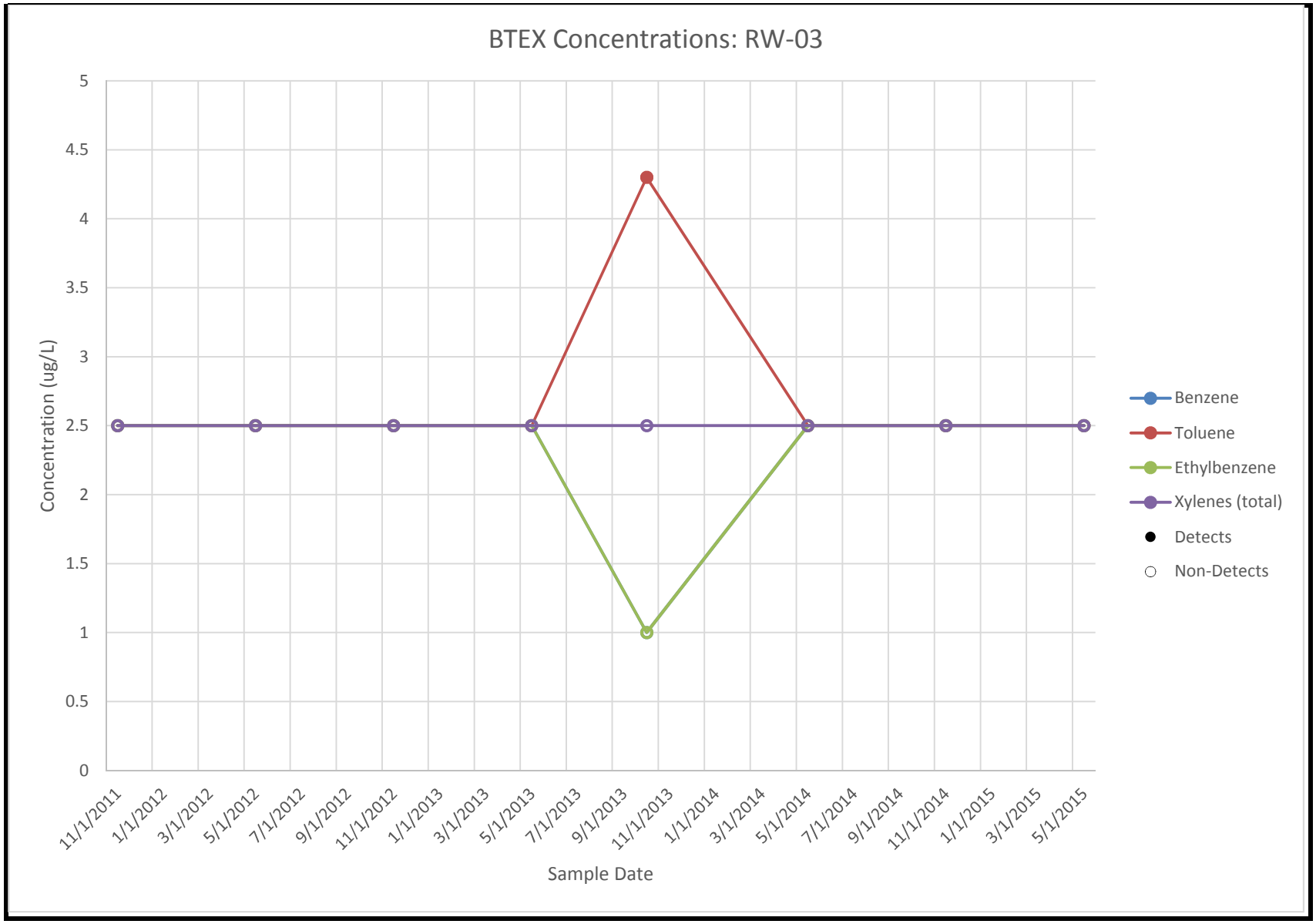

BTEX Concentrations: MW-33
Concentration (ug/L)
14000
12000
10000
8000
6000
4000
2000
0
10/1/2013
11/1/2013
12/1/2013
1/1/2014
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

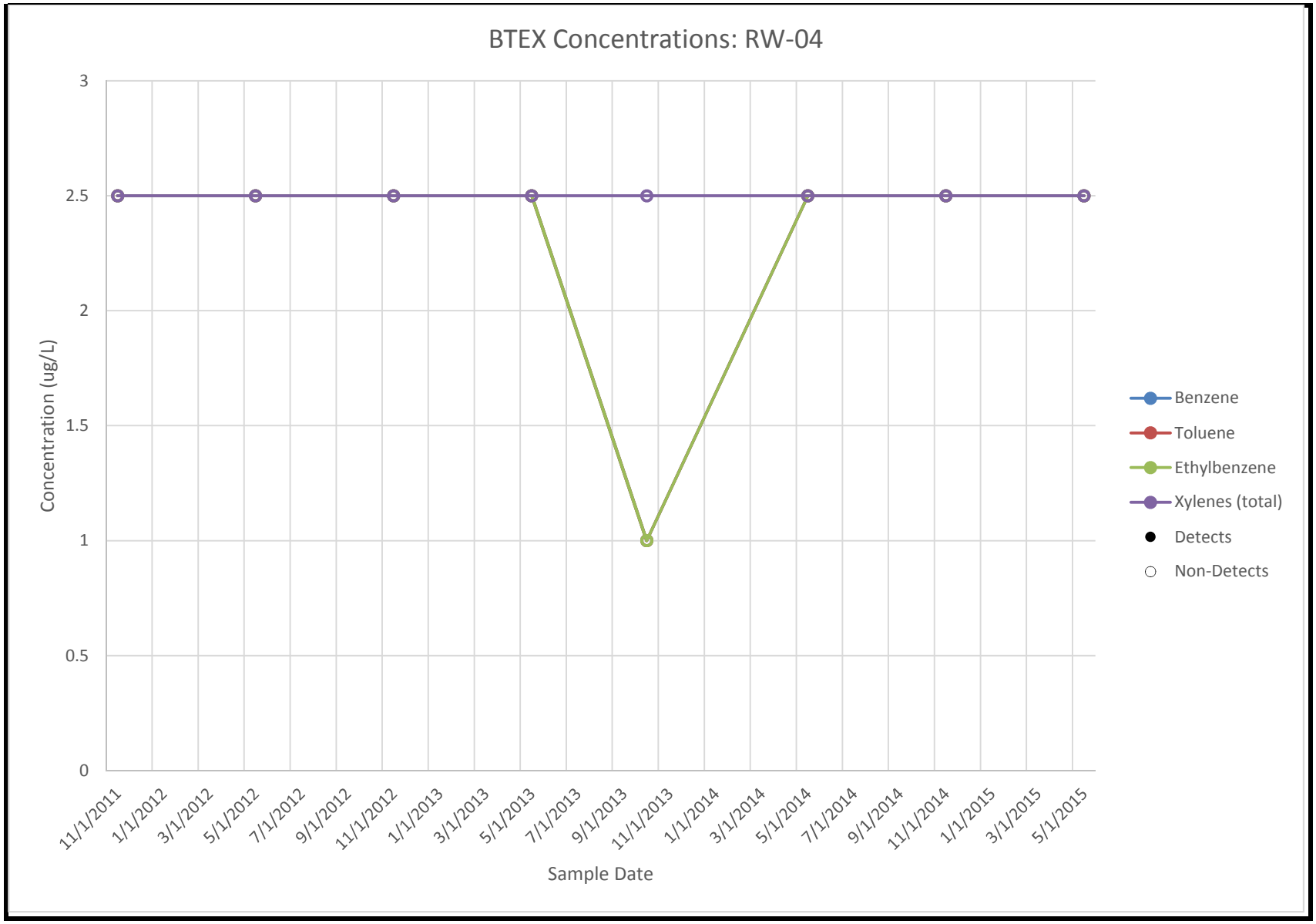

BTEX Concentrations: MW-34
Concentration (ug/L)
25
20
15
10
5
0
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

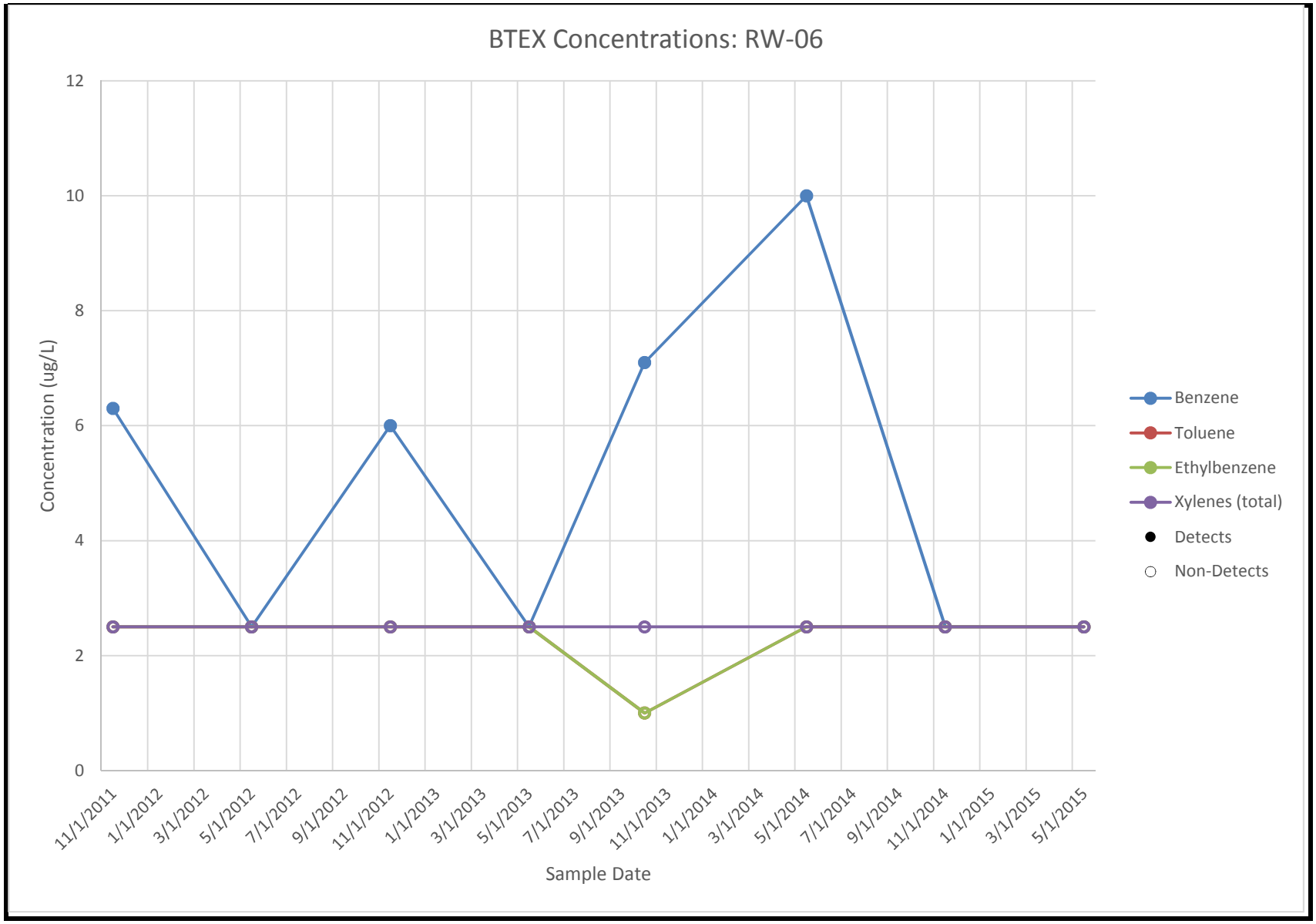

BTEX Concentrations: MW-35
Concentration (ug/L)
400
350
300
250
200
150
100
50
0
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

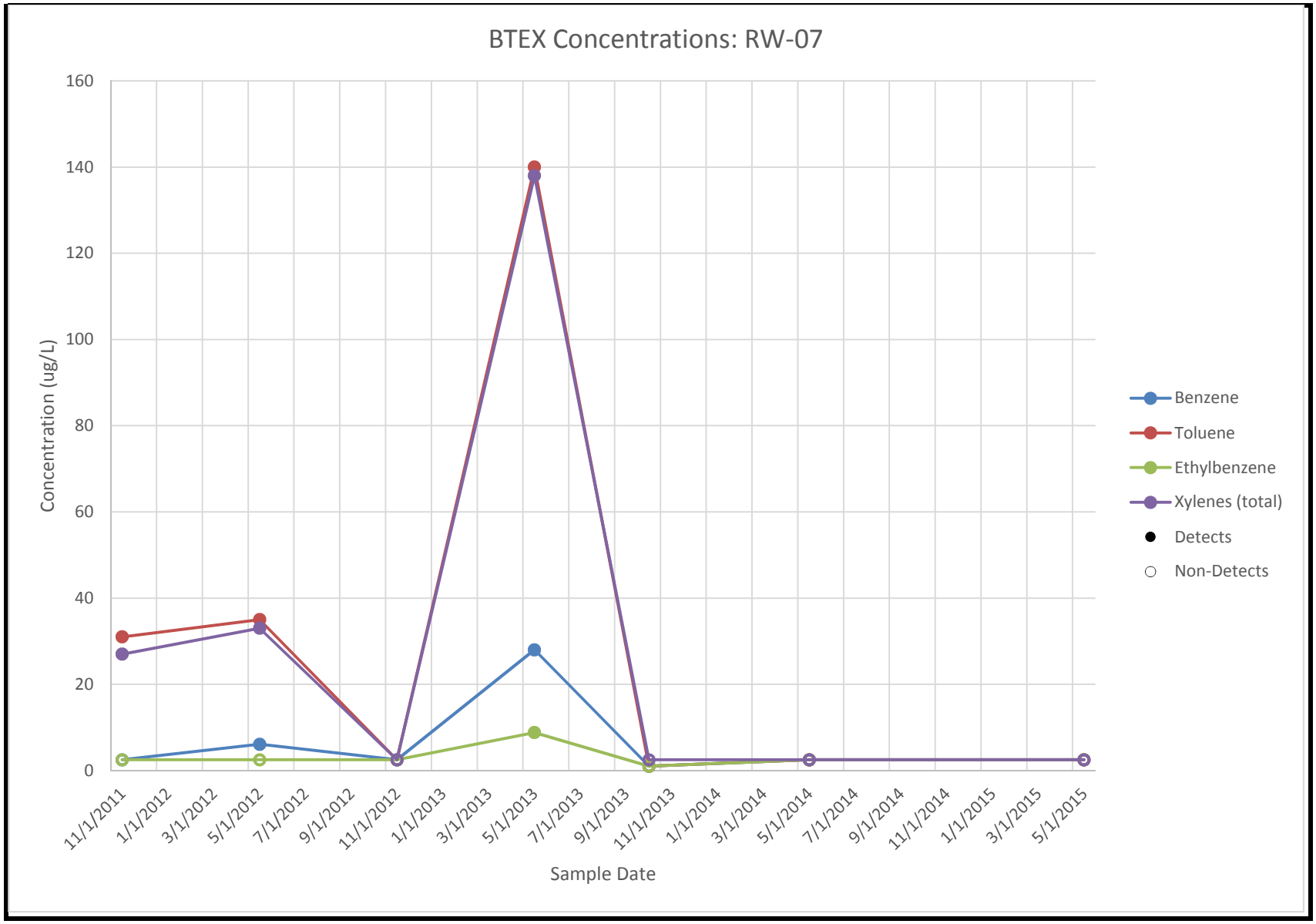

BTEX Concentrations: MW-36
600
500
400
300
200
100
0
Concentration (ug/L)
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

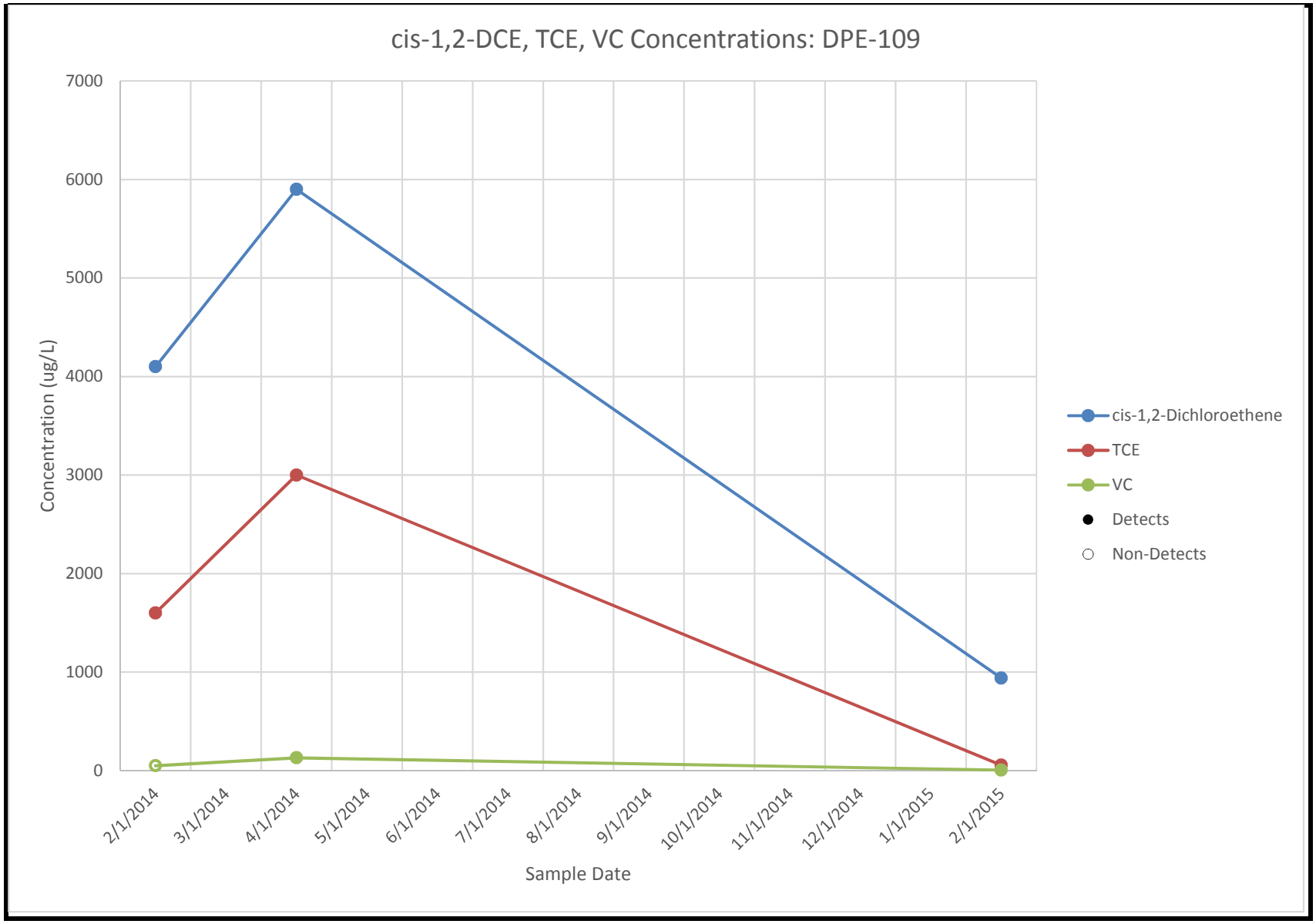

BTEX Concentrations: RW-02
30000
25000
20000
15000
10000
5000
0
Concentration (ug/L)
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

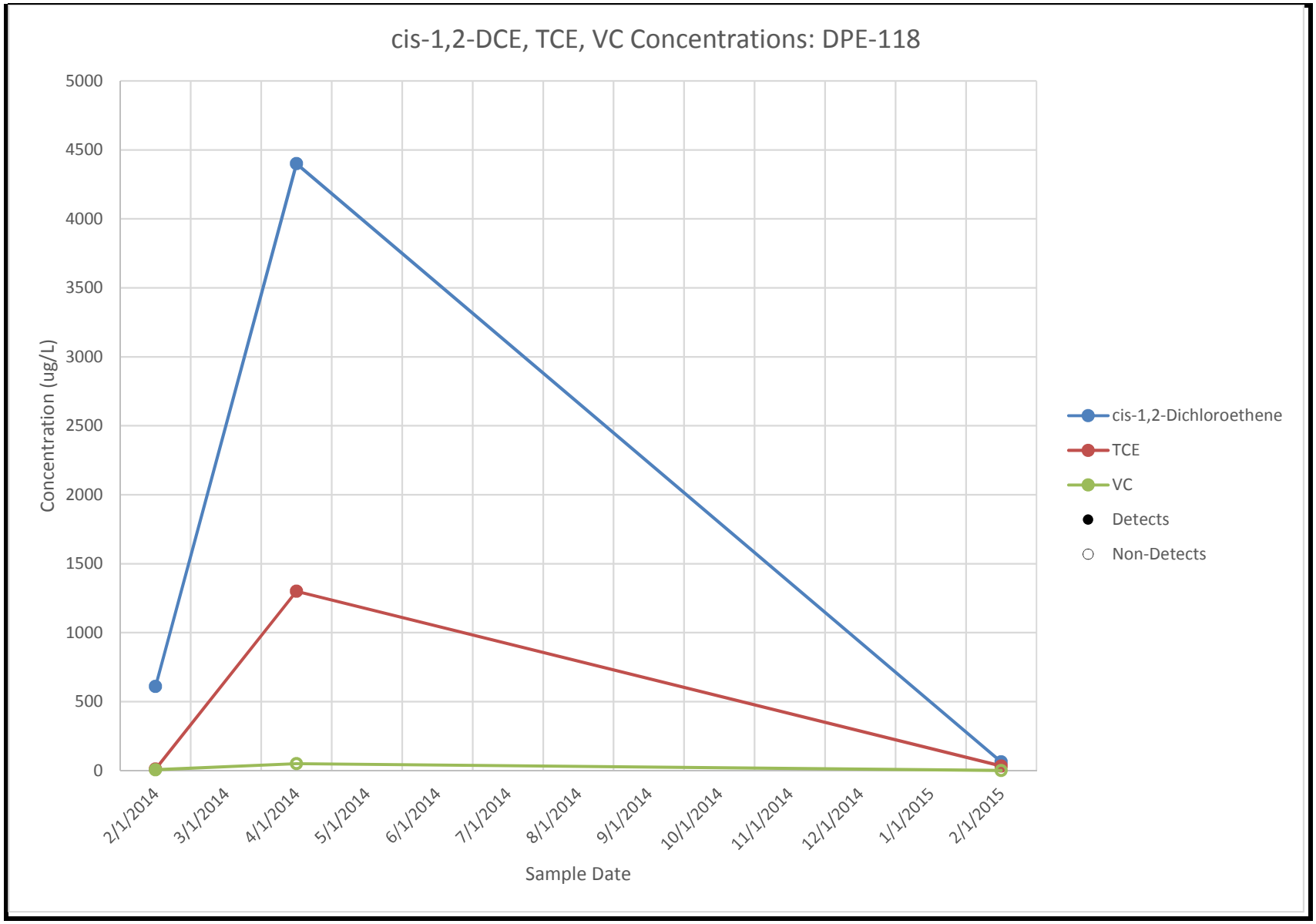

BTEX Concentrations: RW-03
Concentration (ug/L)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

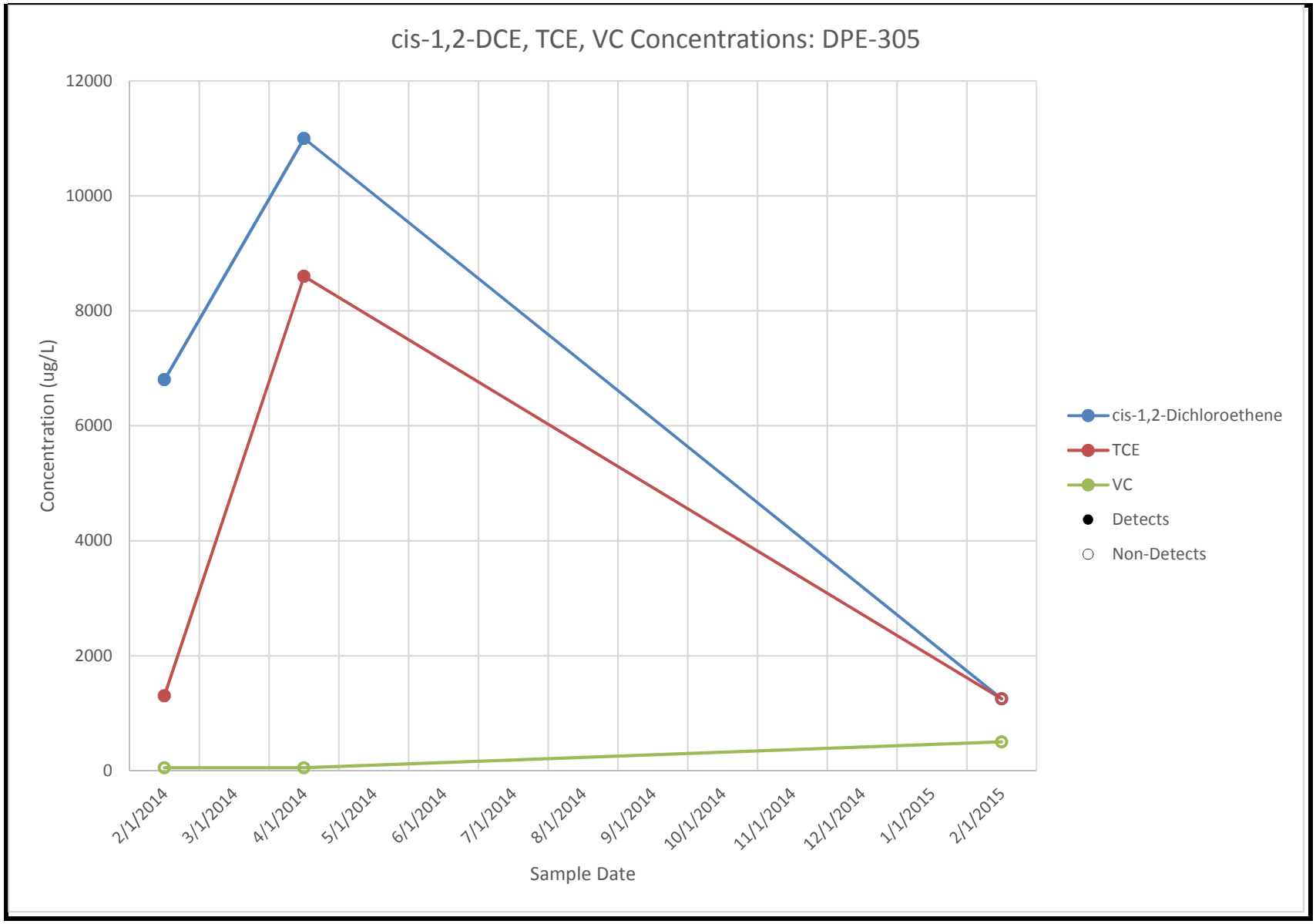

BTEX Concentrations: RW-04
Concentration (ug/L)
3
2.5
2
1.5
1
0.5
0
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

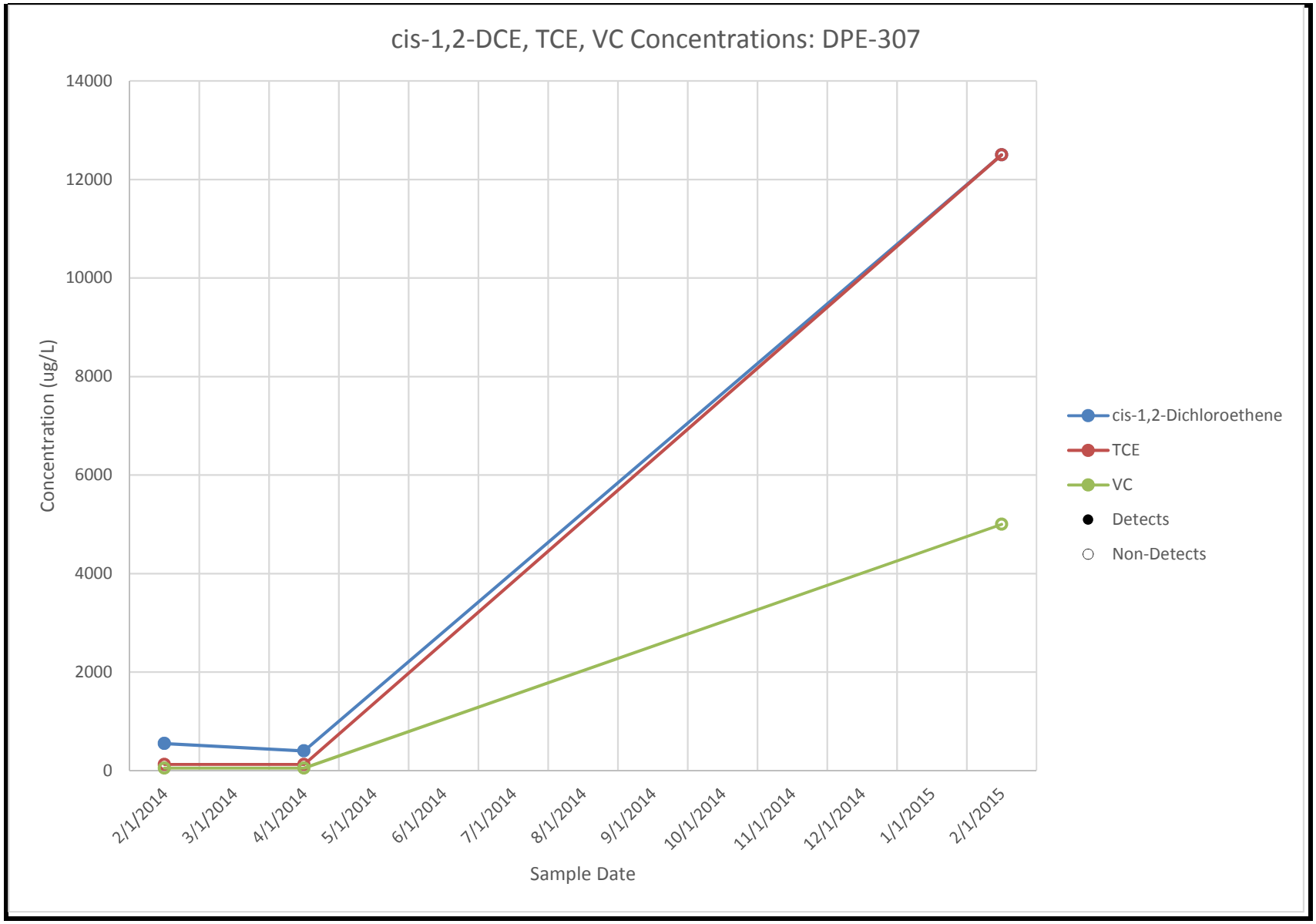

BTEX Concentrations: RW-06
Concentration (ug/L)
0
2
4
6
8
10
12
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

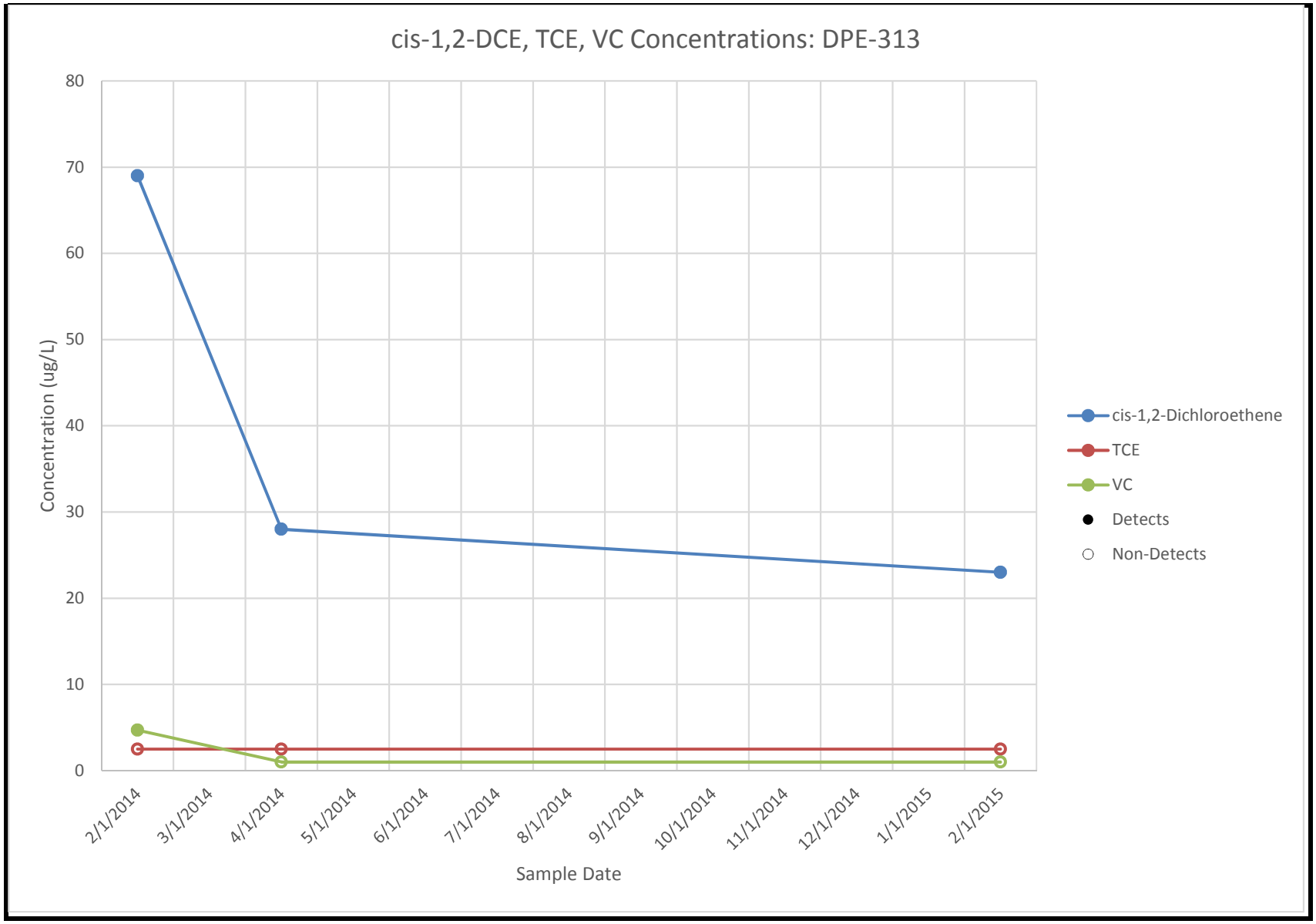

BTEX Concentrations: RW-07
Concentration (ug/L)
160
140
120
100
80
60
40
20
0
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
Benzene
Toluene
Ethylbenzene
Xylenes (total)
Detects
Non-Detects

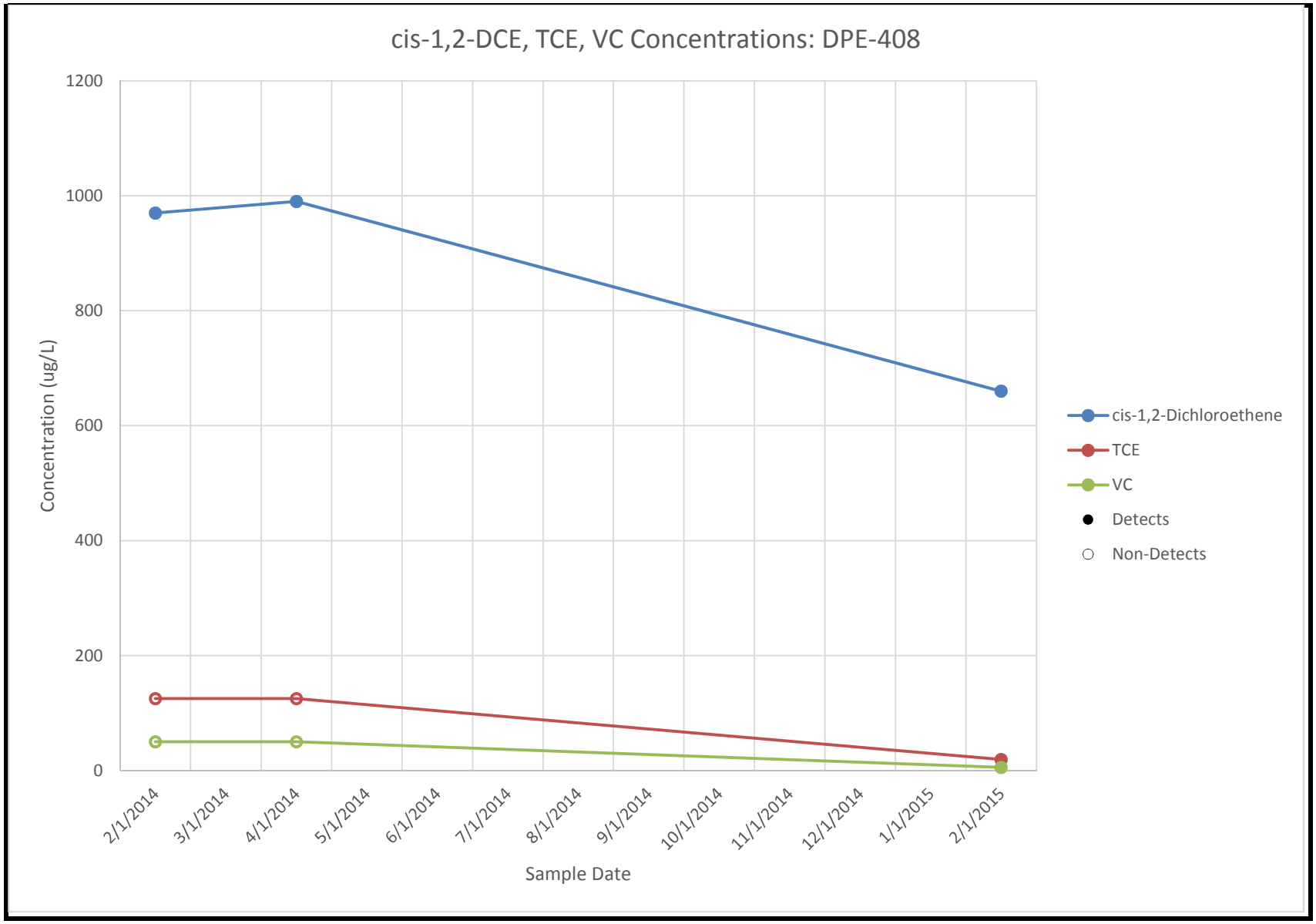

cis-1,2-DCE, TCE, VC Concentrations: DPE-109
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

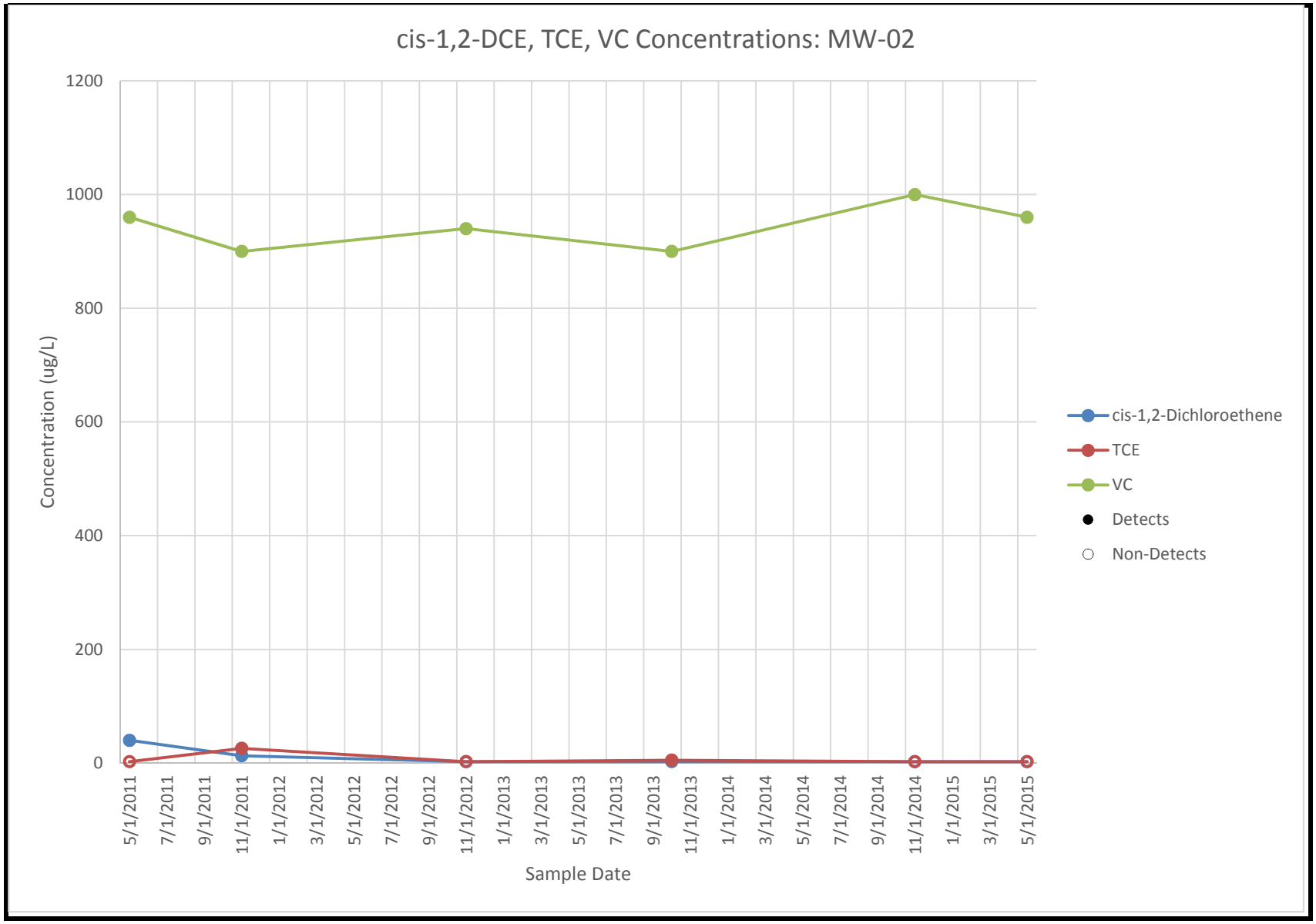

cis-1,2-DCE, TCE, VC Concentrations: DPE-118
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

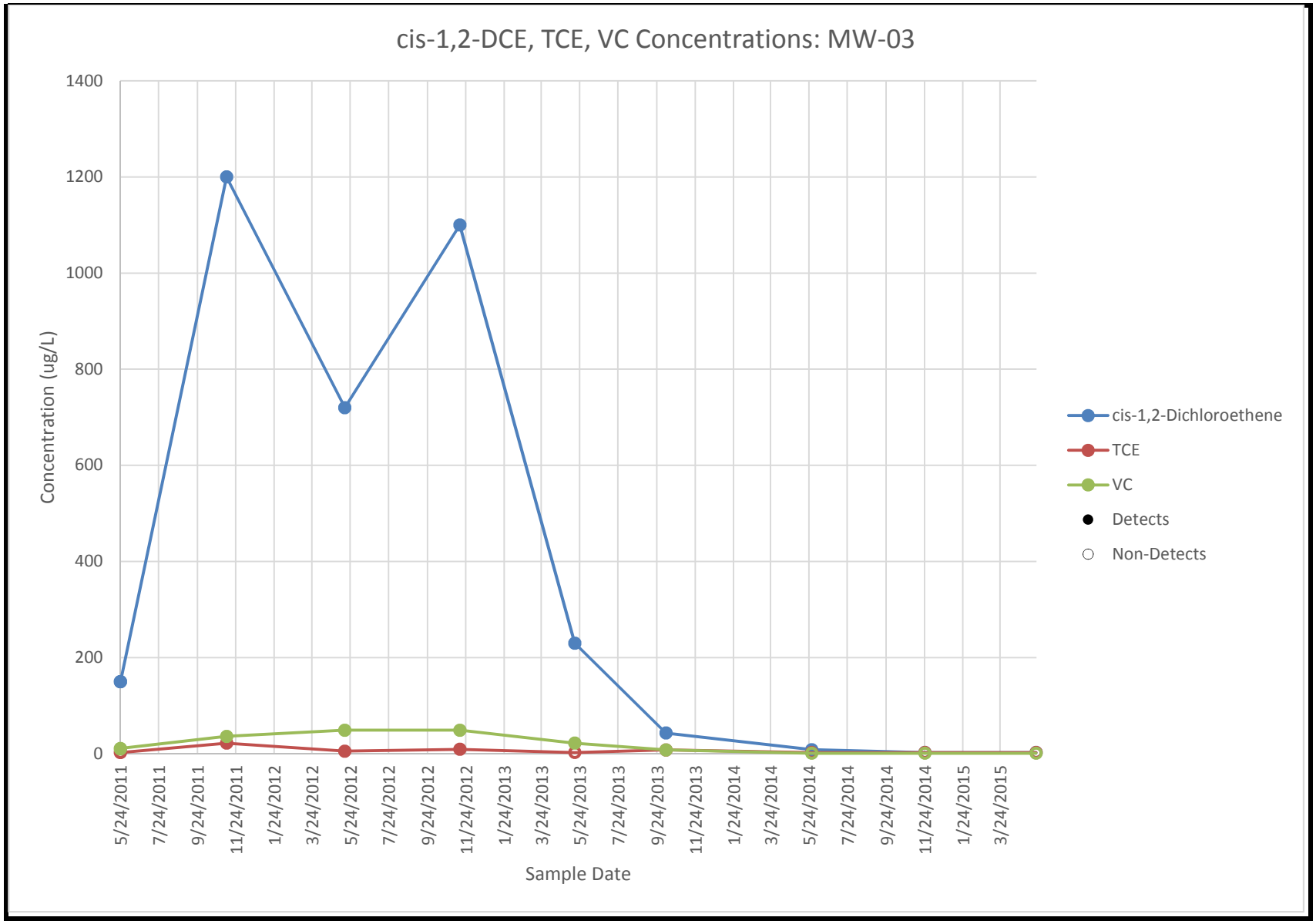

cis-1,2-DCE, TCE, VC Concentrations: DPE-305
12000
10000
8000
6000
4000
2000
0
Concentration (ug/L)
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

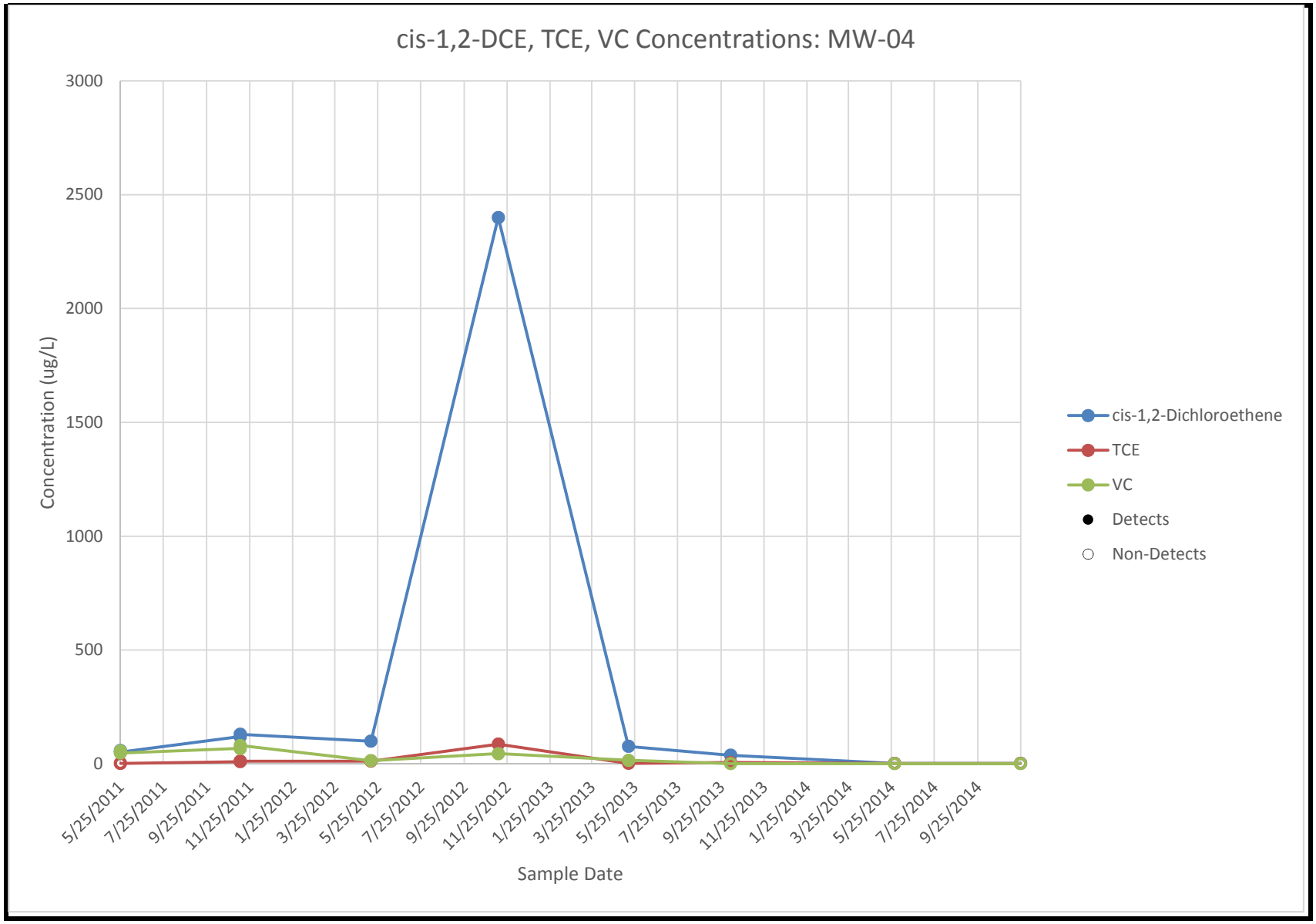

cis-1,2-DCE, TCE, VC Concentrations: DPE-307
Concentration (ug/L)
14000
12000
10000
8000
6000
4000
2000
0
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

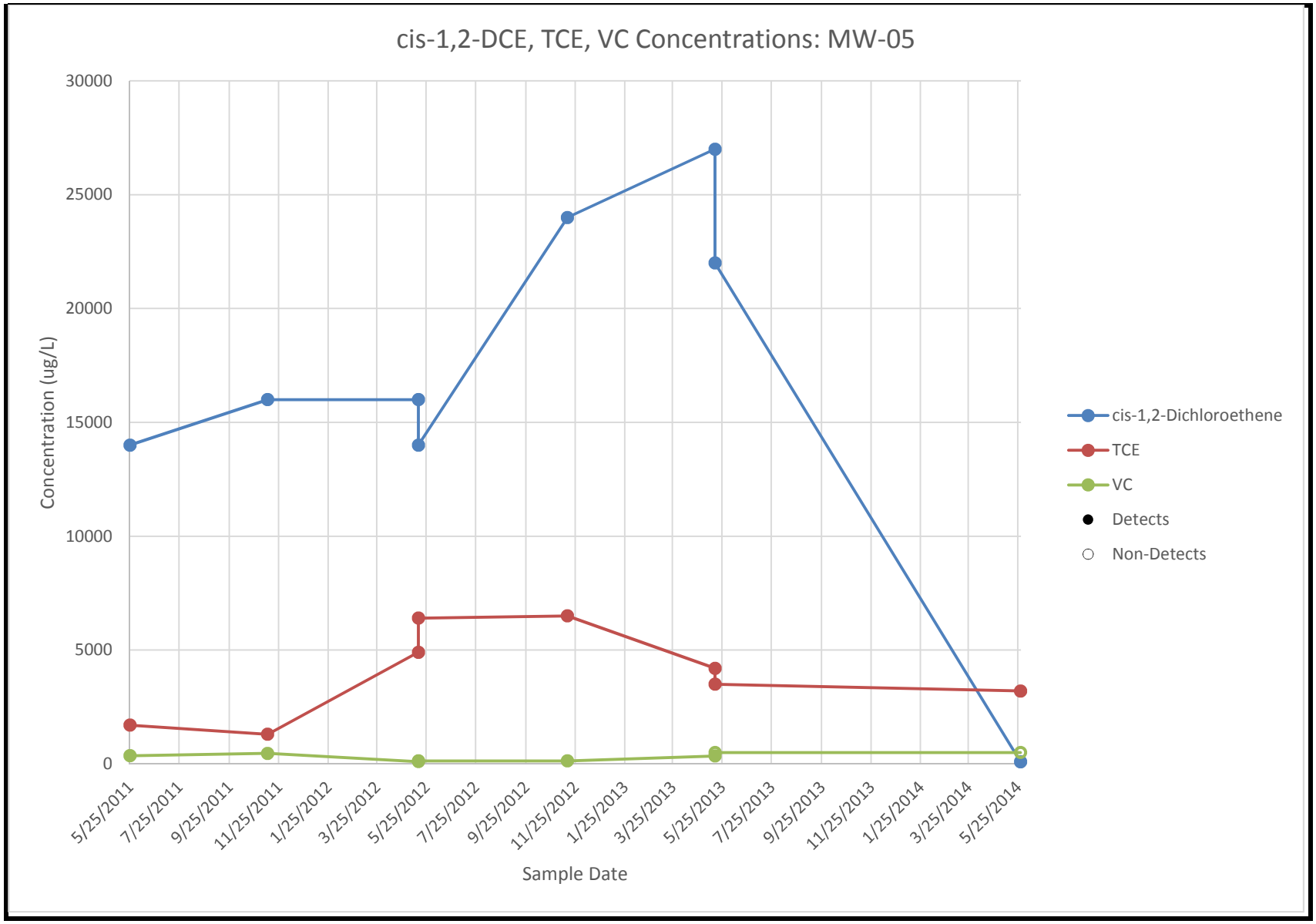

cis-1,2-DCE, TCE, VC Concentrations: DPE-313
Concentration (ug/L)
80
70
60
50
40
30
20
10
0
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

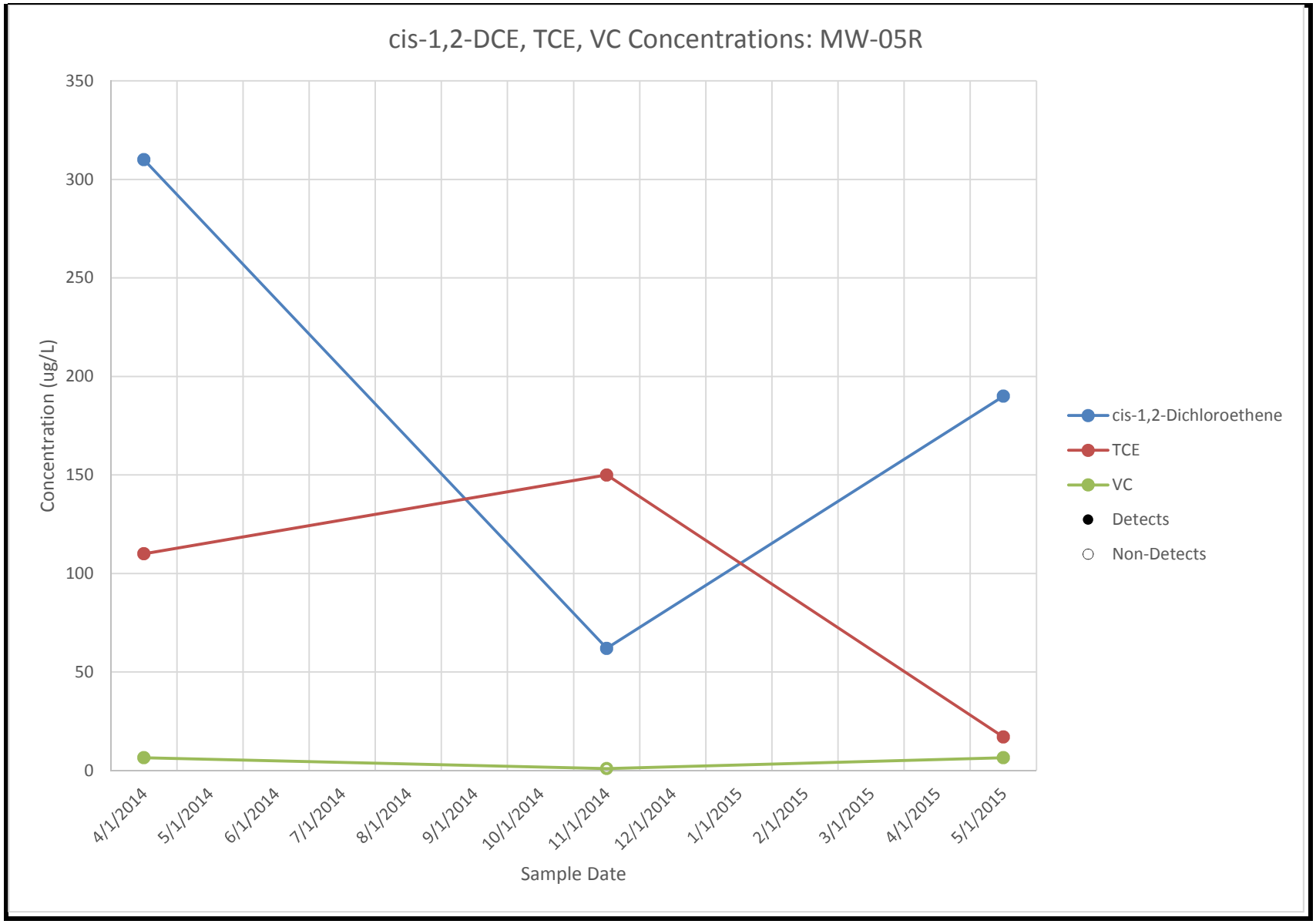

cis-1,2-DCE, TCE, VC Concentrations: DPE-408
Concentration (ug/L)
1200
1000
800
600
400
200
0
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

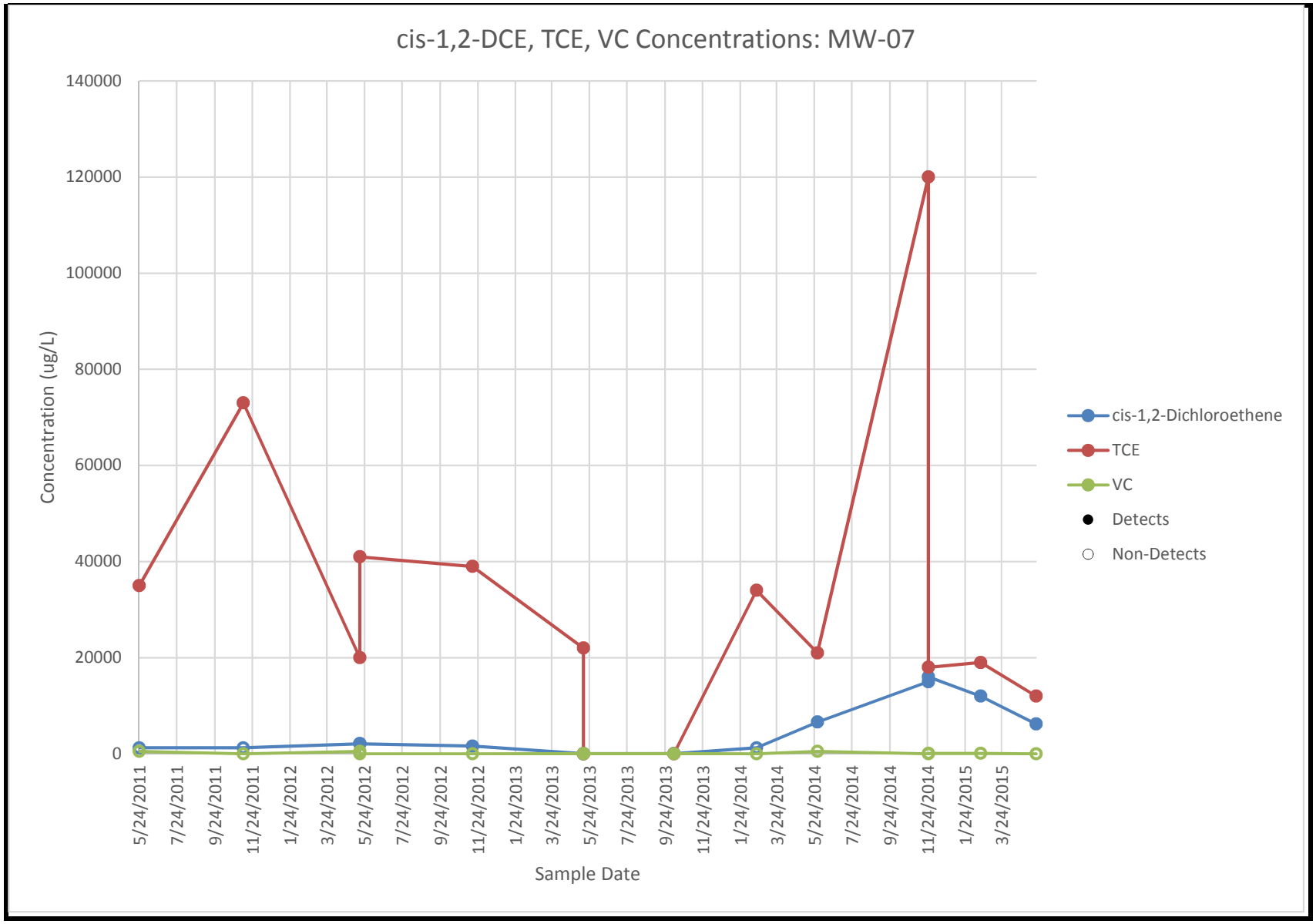

cis-1,2-DCE, TCE, VC Concentrations: MW-02
Concentration (ug/L)
1200
1000
800
600
400
200
0
5/1/2011
7/1/2011
9/1/2011
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

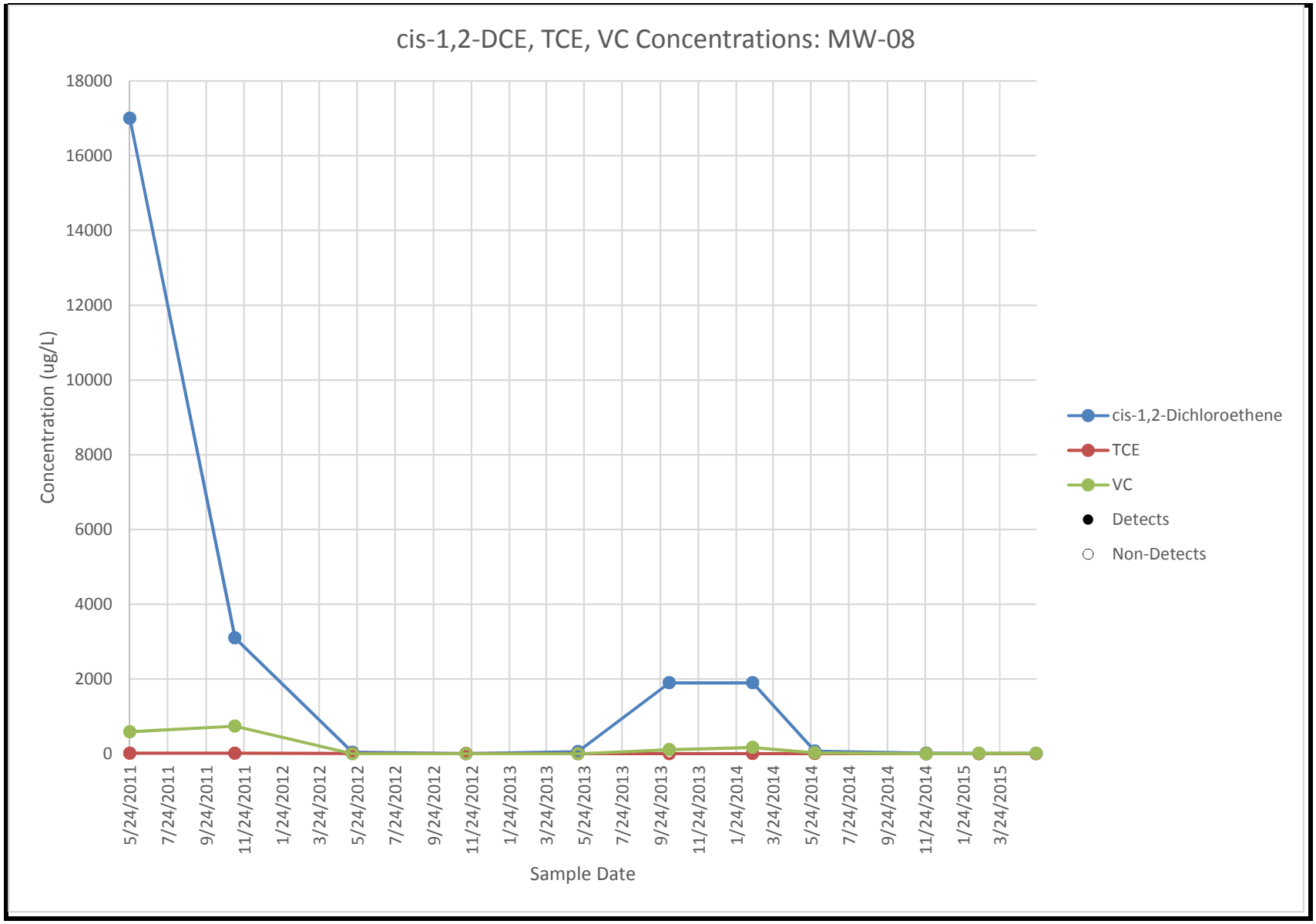

cis-1,2-DCE, TCE, VC Concentrations: MW-03
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

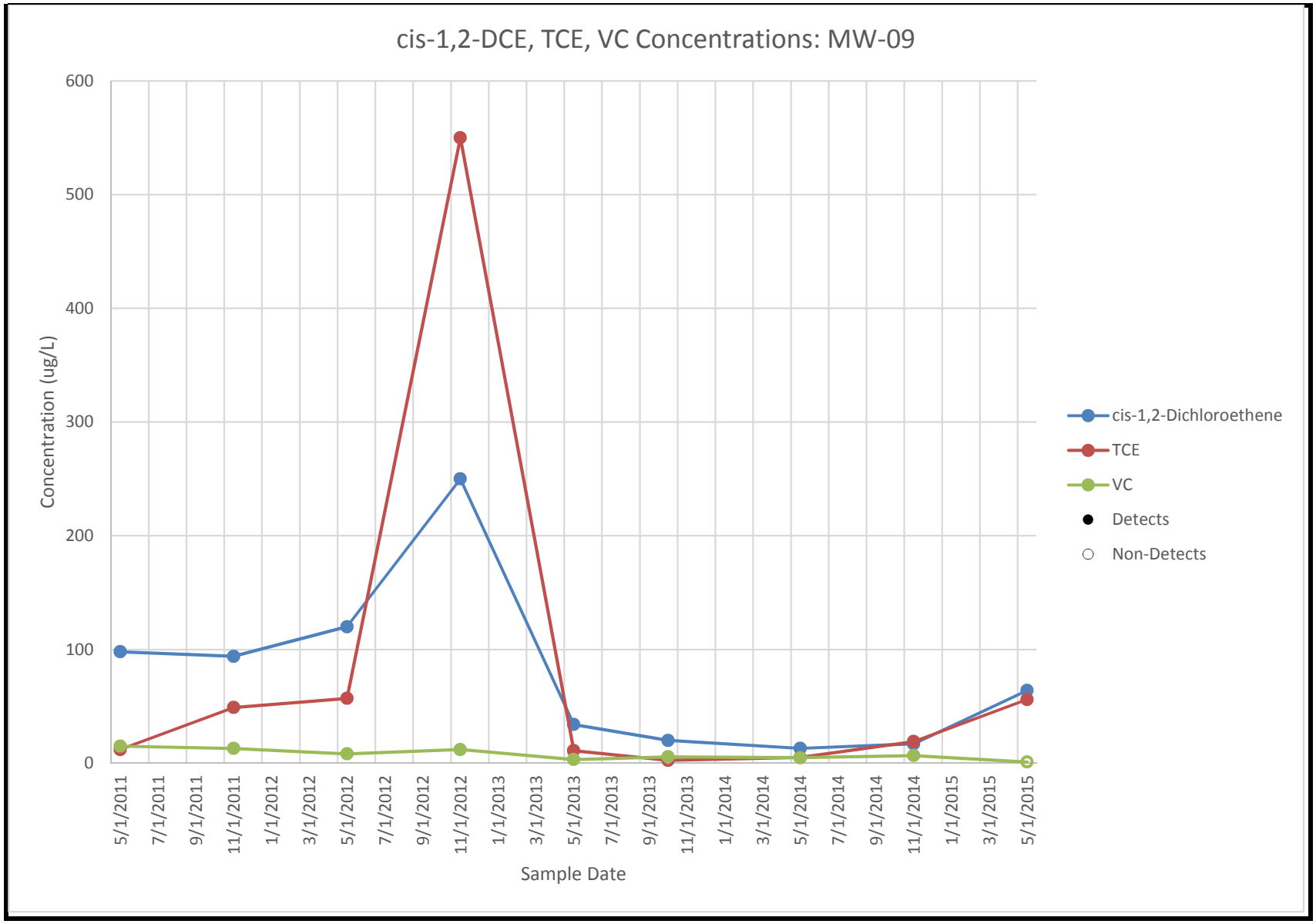

cis-1,2-DCE, TCE, VC Concentrations: MW-04
Concentration (ug/L)
3000
2500
2000
1500
1000
500
0
5/25/2011
7/25/2011
9/25/2011
11/25/2011
1/25/2012
3/25/2012
5/25/2012
7/25/2012
9/25/2012
11/25/2012
1/25/2013
3/25/2013
5/25/2013
7/25/2013
9/25/2013
11/25/2013
1/25/2014
3/25/2014
5/25/2014
7/25/2014
9/25/2014
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

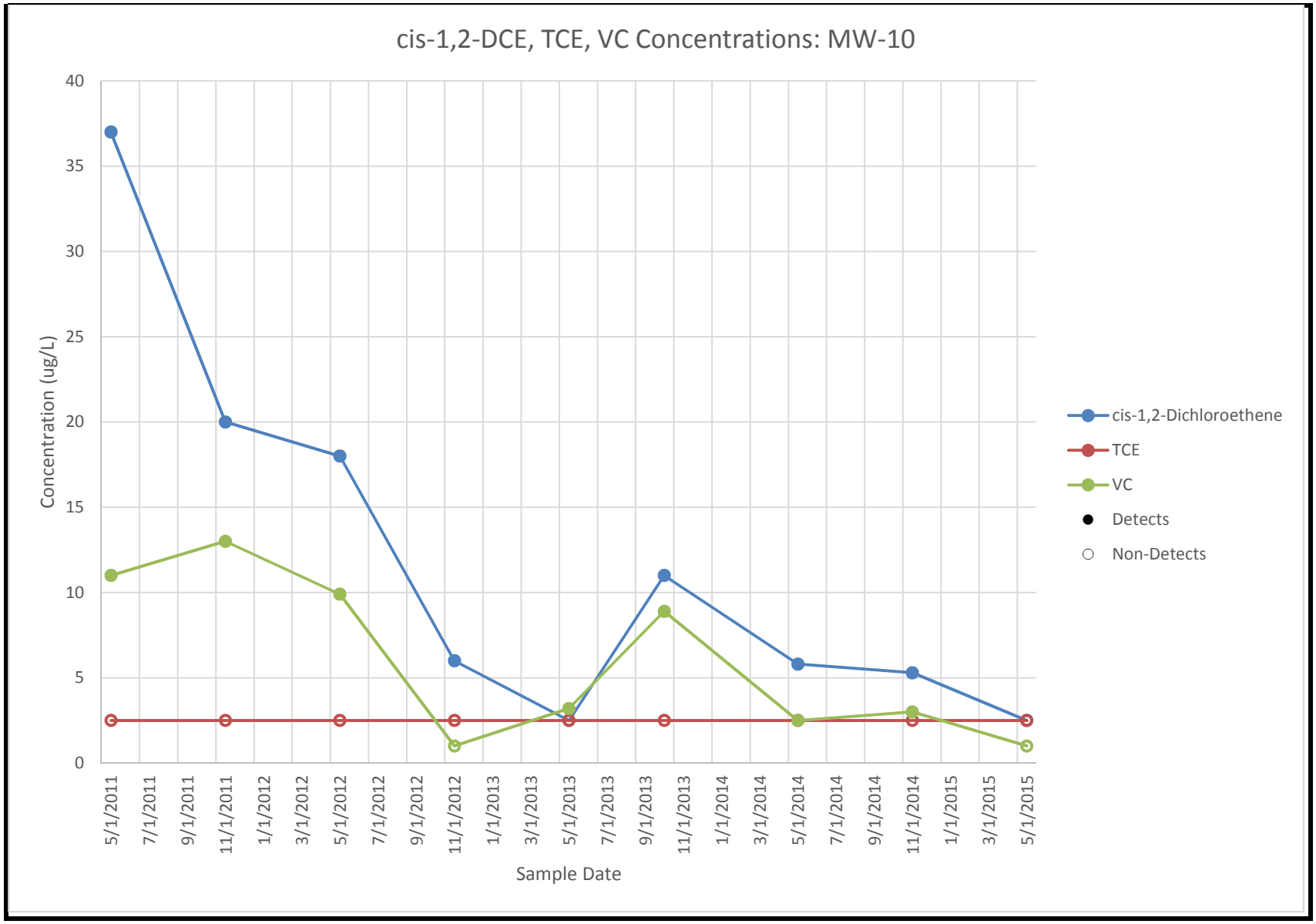

cis-1,2-DCE, TCE, VC Concentrations: MW-05
Concentration (ug/L)
30000
25000
20000
15000
10000
5000
0
5/25/2011
7/25/2011
9/25/2011
11/25/2011
1/25/2012
3/25/2012
5/25/2012
7/25/2012
9/25/2012
11/25/2012
1/25/2013
3/25/2013
5/25/2013
7/25/2013
9/25/2013
11/25/2013
1/25/2014
3/25/2014
5/25/2014
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

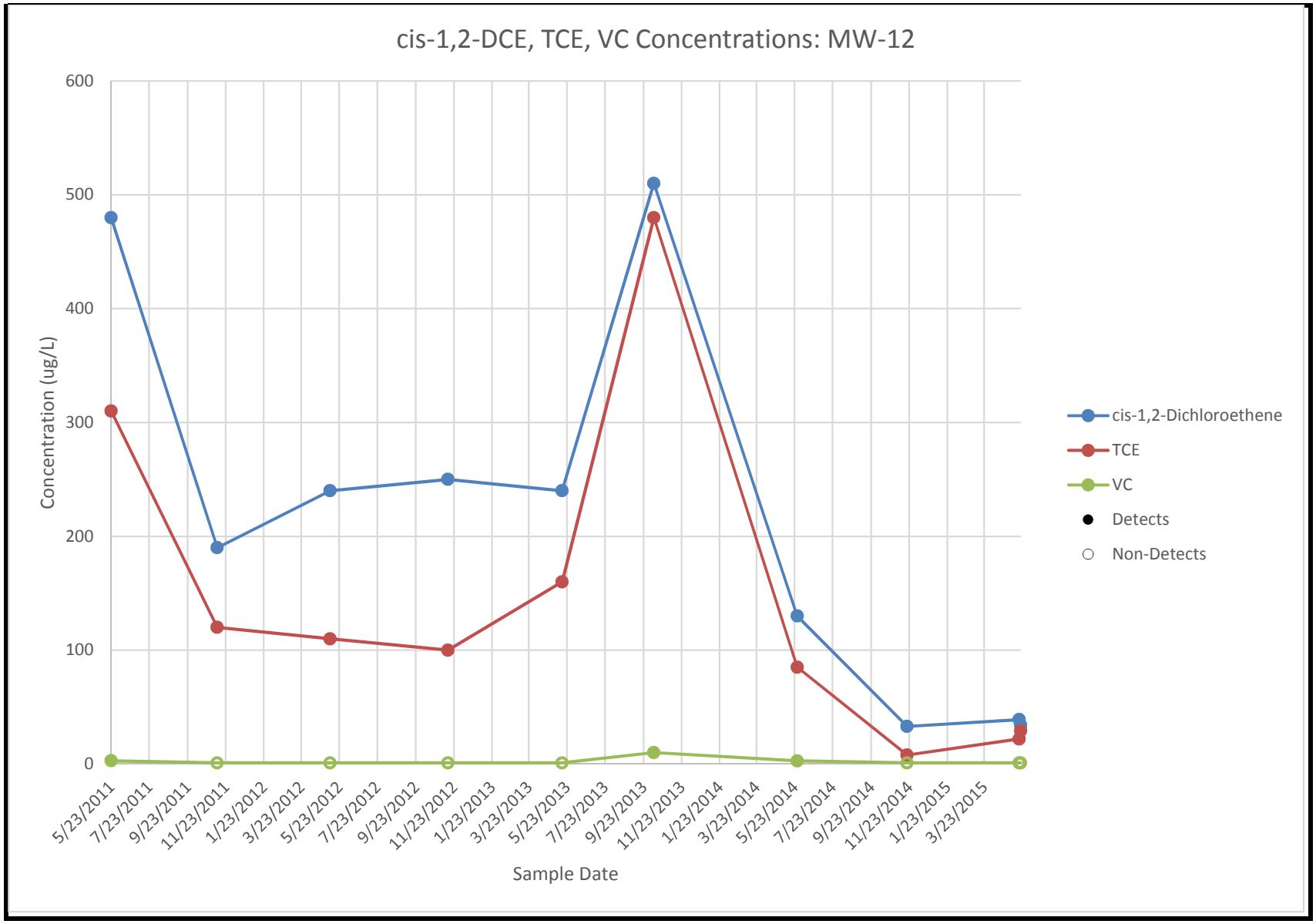

cis-1,2-DCE, TCE, VC Concentrations: MW-05R
Concentration (ug/L)
350
300
250
200
150
100
50
0
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

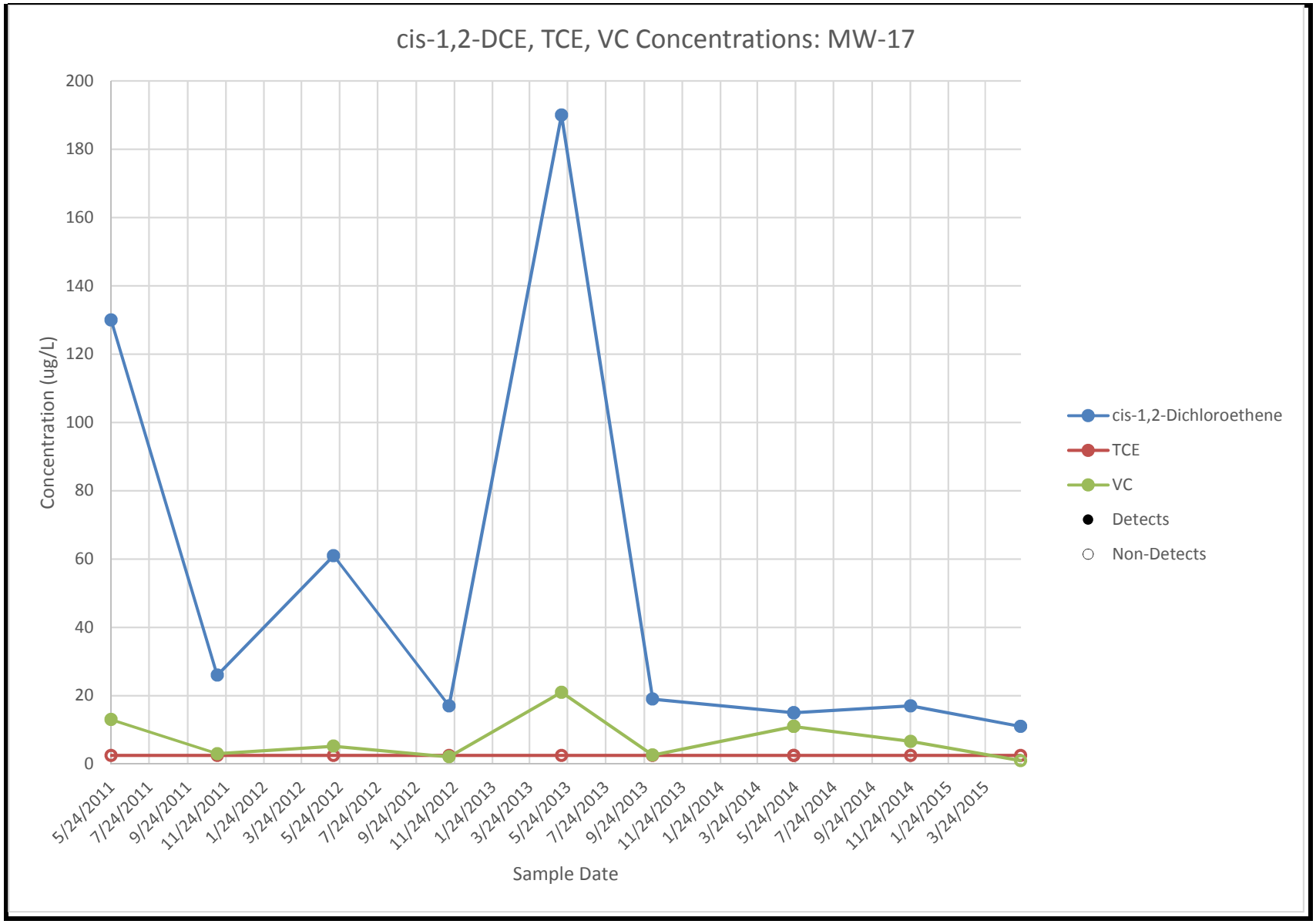

cis-1,2-DCE, TCE, VC Concentrations: MW-07
Concentration (ug/L)
140000
120000
100000
80000
60000
40000
20000
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

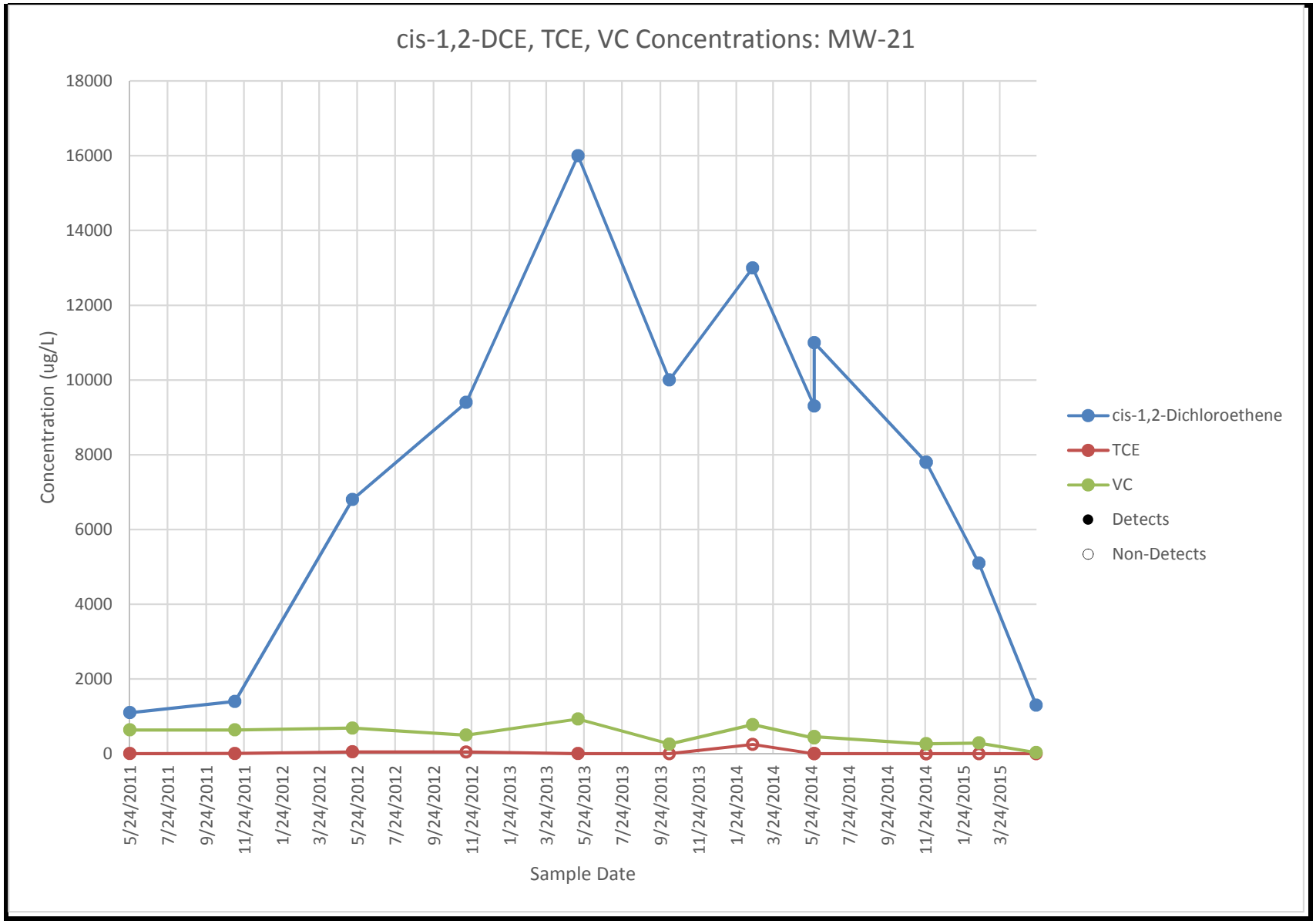

cis-1,2-DCE, TCE, VC Concentrations: MW-08
Concentration (ug/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

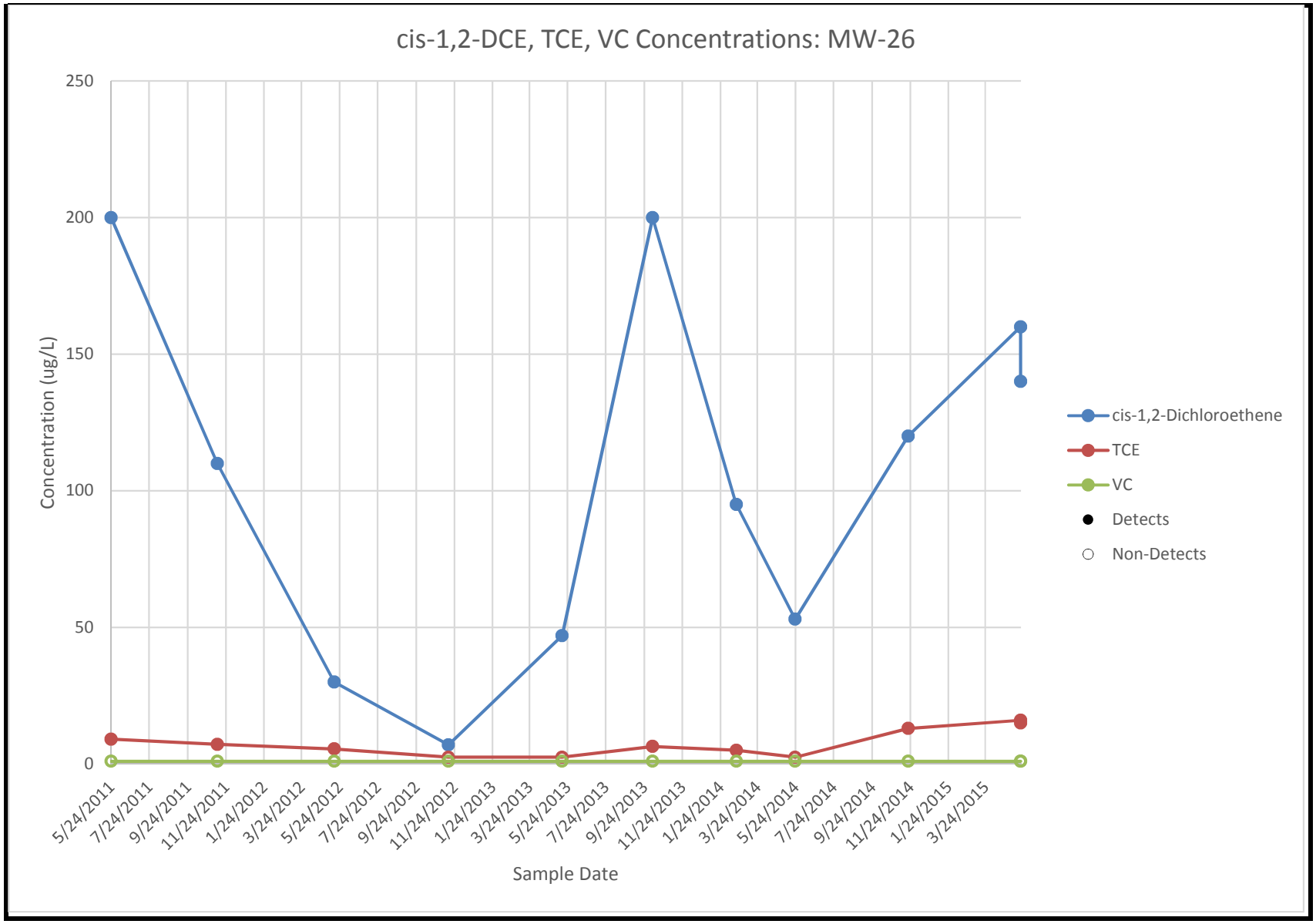

cis-1,2-DCE, TCE, VC Concentrations: MW-09
Concentration (ug/L)
600
500
400
300
200
100
0
5/1/2011
7/1/2011
9/1/2011
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

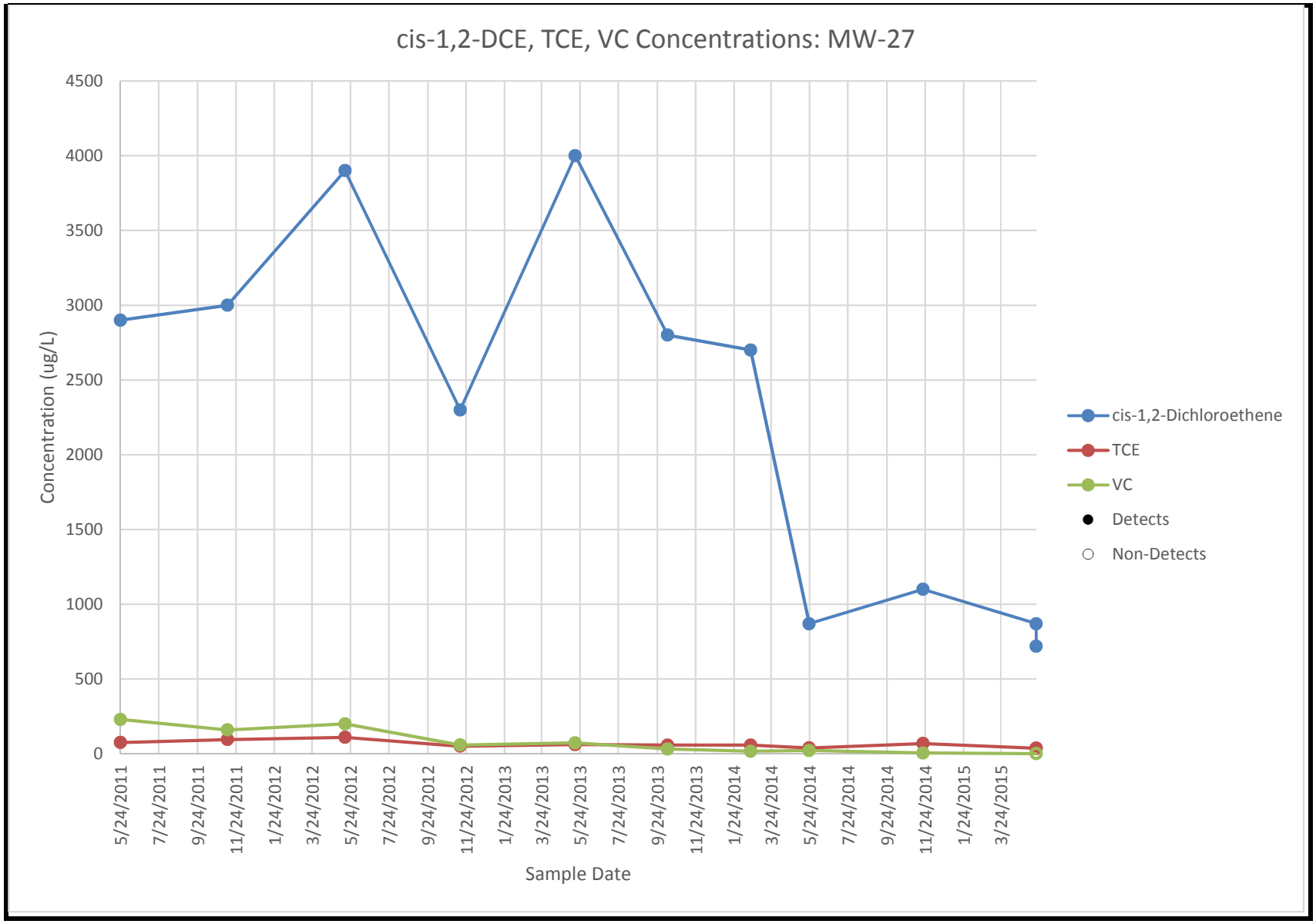

cis-1,2-DCE, TCE, VC Concentrations: MW-10
Concentration (ug/L)
40
35
30
25
20
15
10
5
0
5/1/2011
7/1/2011
9/1/2011
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

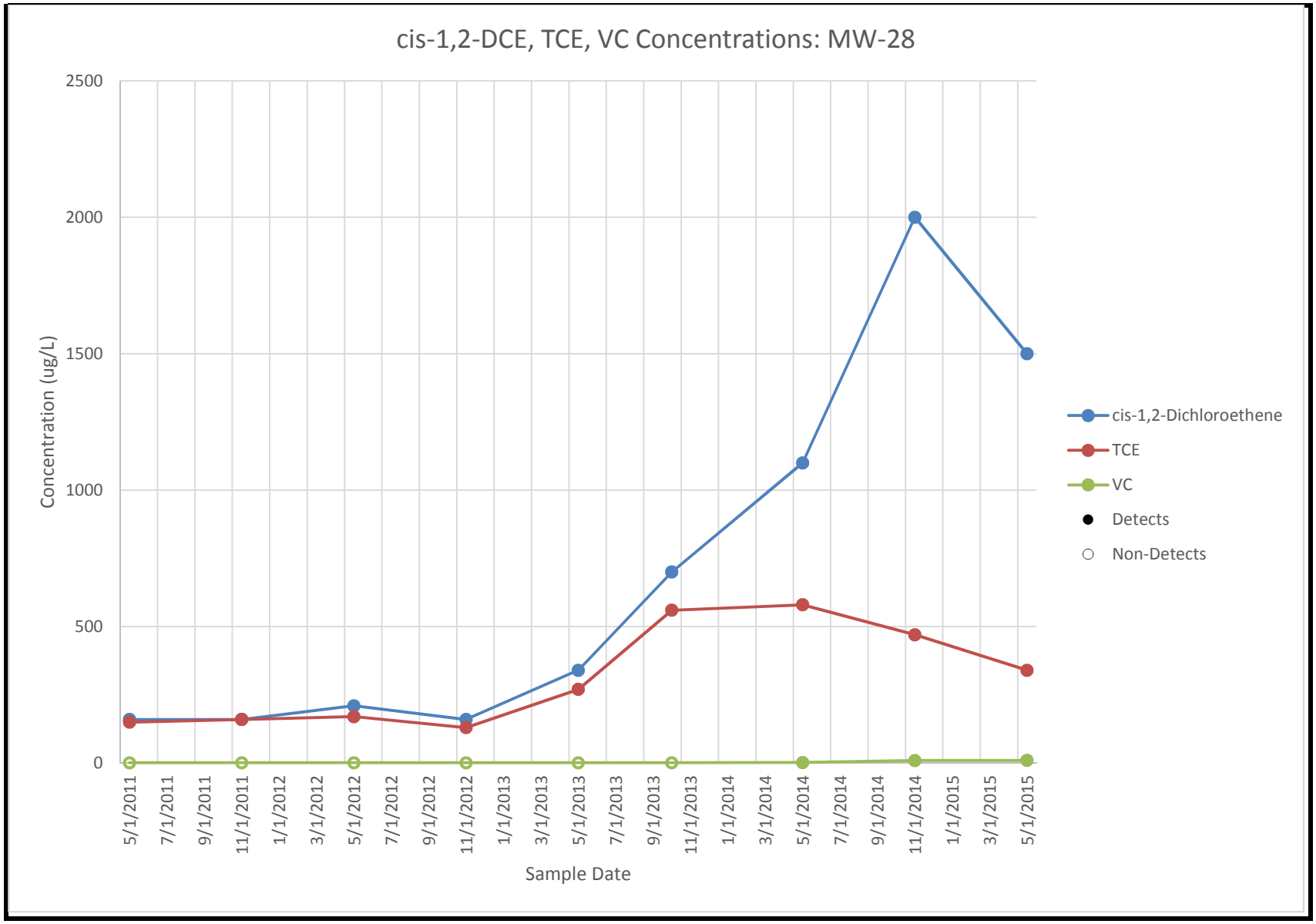

cis-1,2-DCE, TCE, VC Concentrations: MW-12
Concentration (ug/L)
600
500
400
300
200
100
0
5/23/2011
7/23/2011
9/23/2011
11/23/2011
1/23/2012
3/23/2012
5/23/2012
7/23/2012
9/23/2012
11/23/2012
1/23/2013
3/23/2013
5/23/2013
7/23/2013
9/23/2013
11/23/2013
1/23/2014
3/23/2014
5/23/2014
7/23/2014
9/23/2014
11/23/2014
1/23/2015
3/23/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

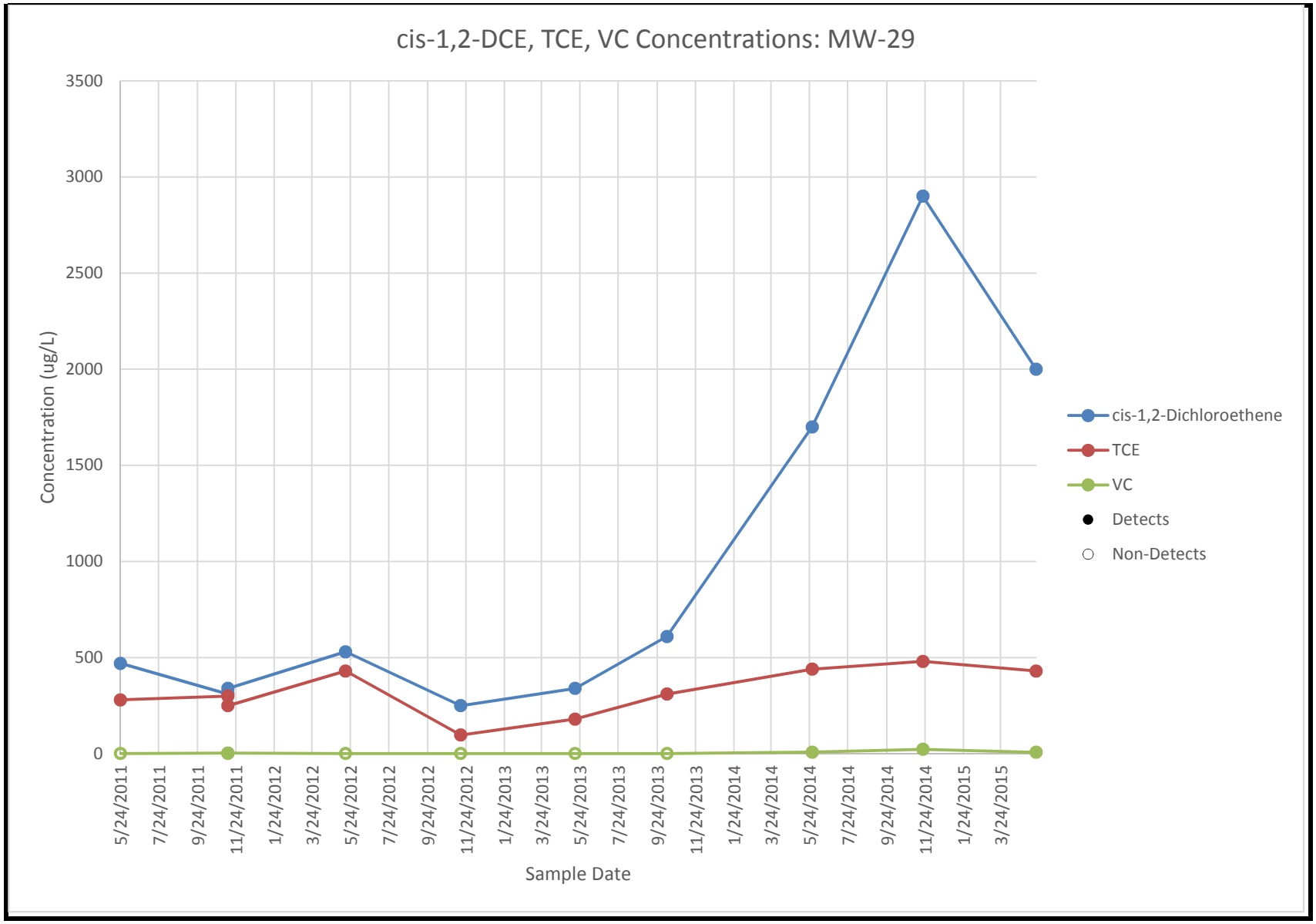

cis-1,2-DCE, TCE, VC Concentrations: MW-17
Concentration (ug/L)
200
180
160
140
120
100
80
60
40
20
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

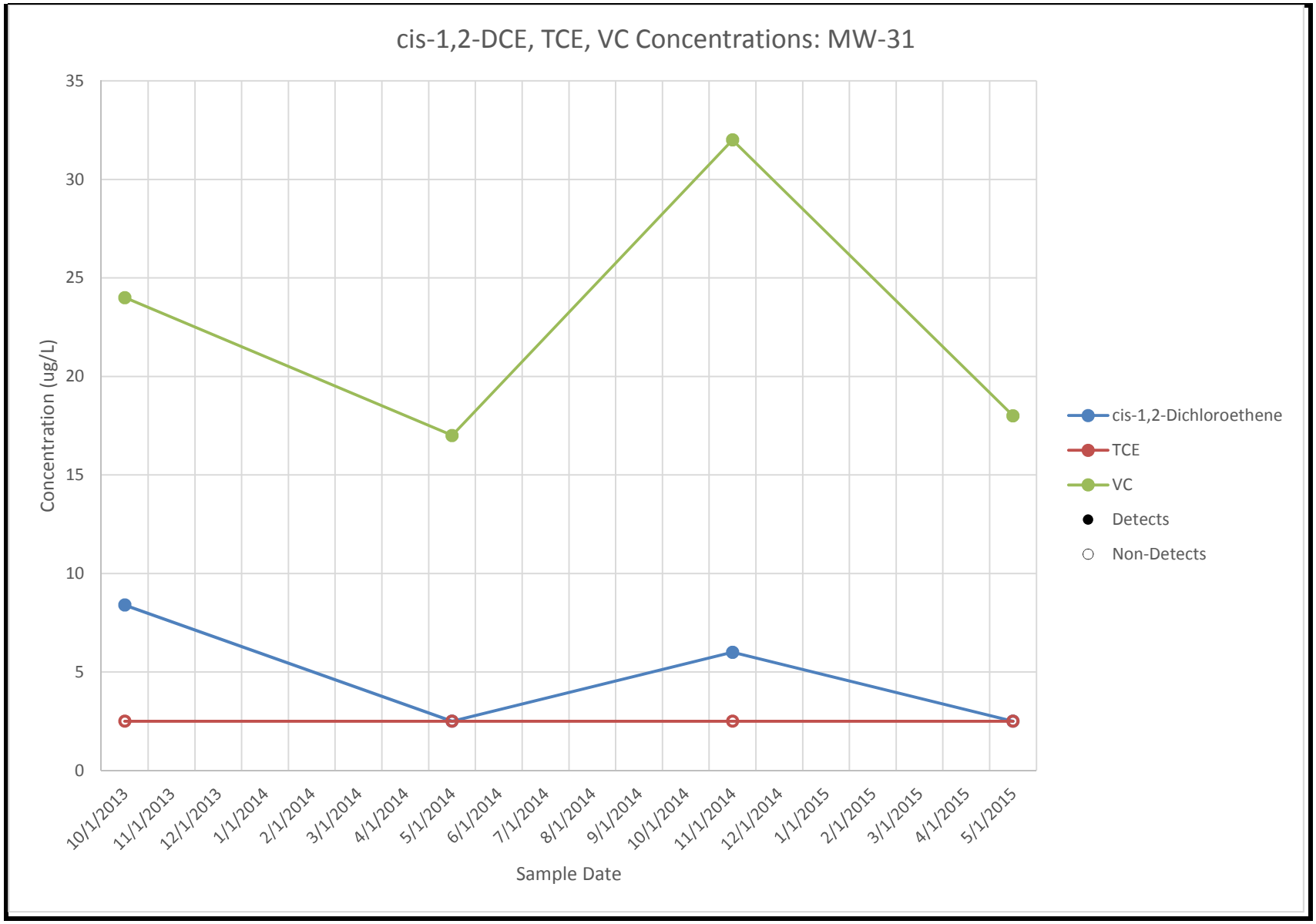

cis-1,2-DCE, TCE, VC Concentrations: MW-21
Concentration (ug/L)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

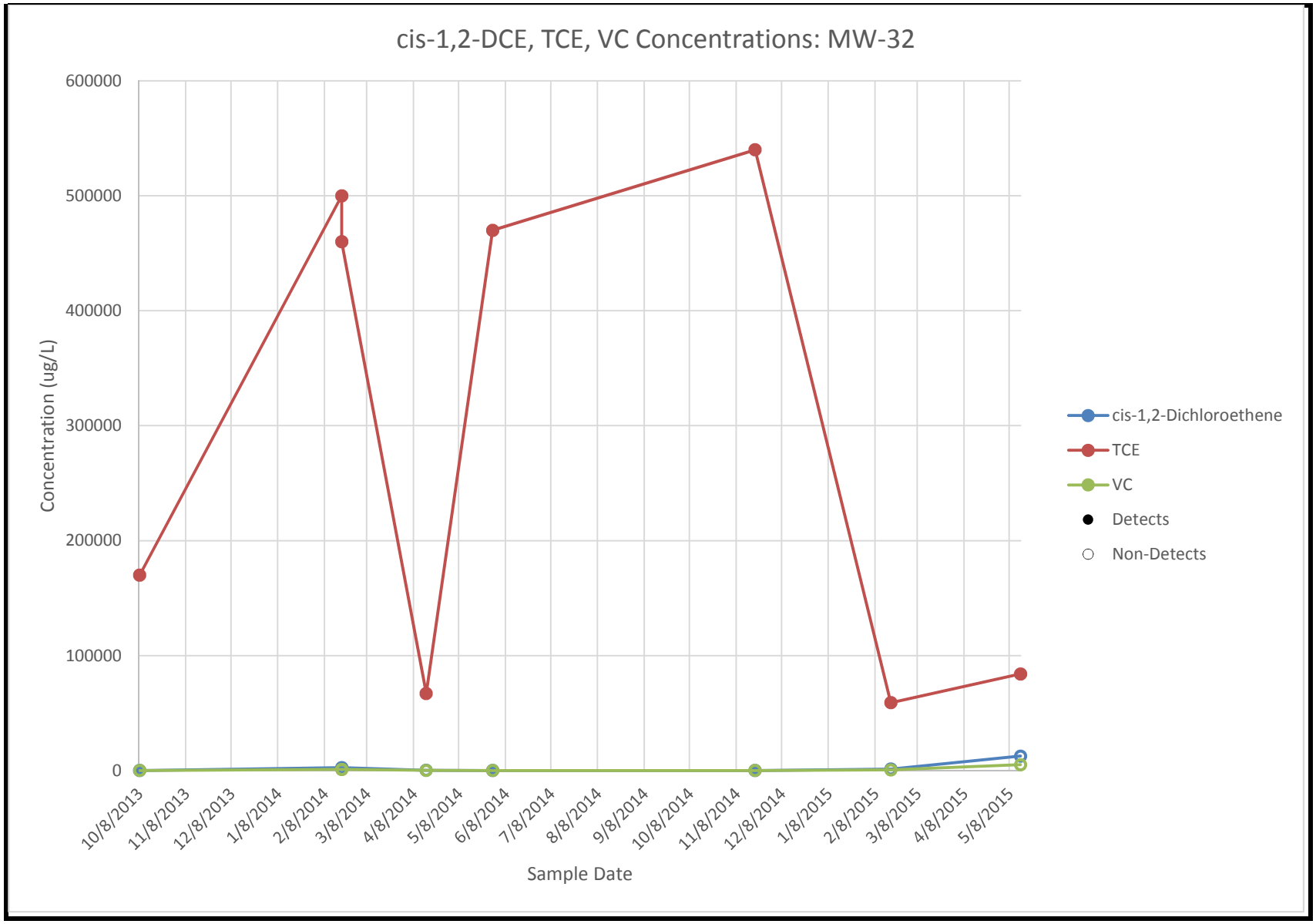

cis-1,2-DCE, TCE, VC Concentrations: MW-26
250
200
150
100
50
0
Concentration (ug/L)
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

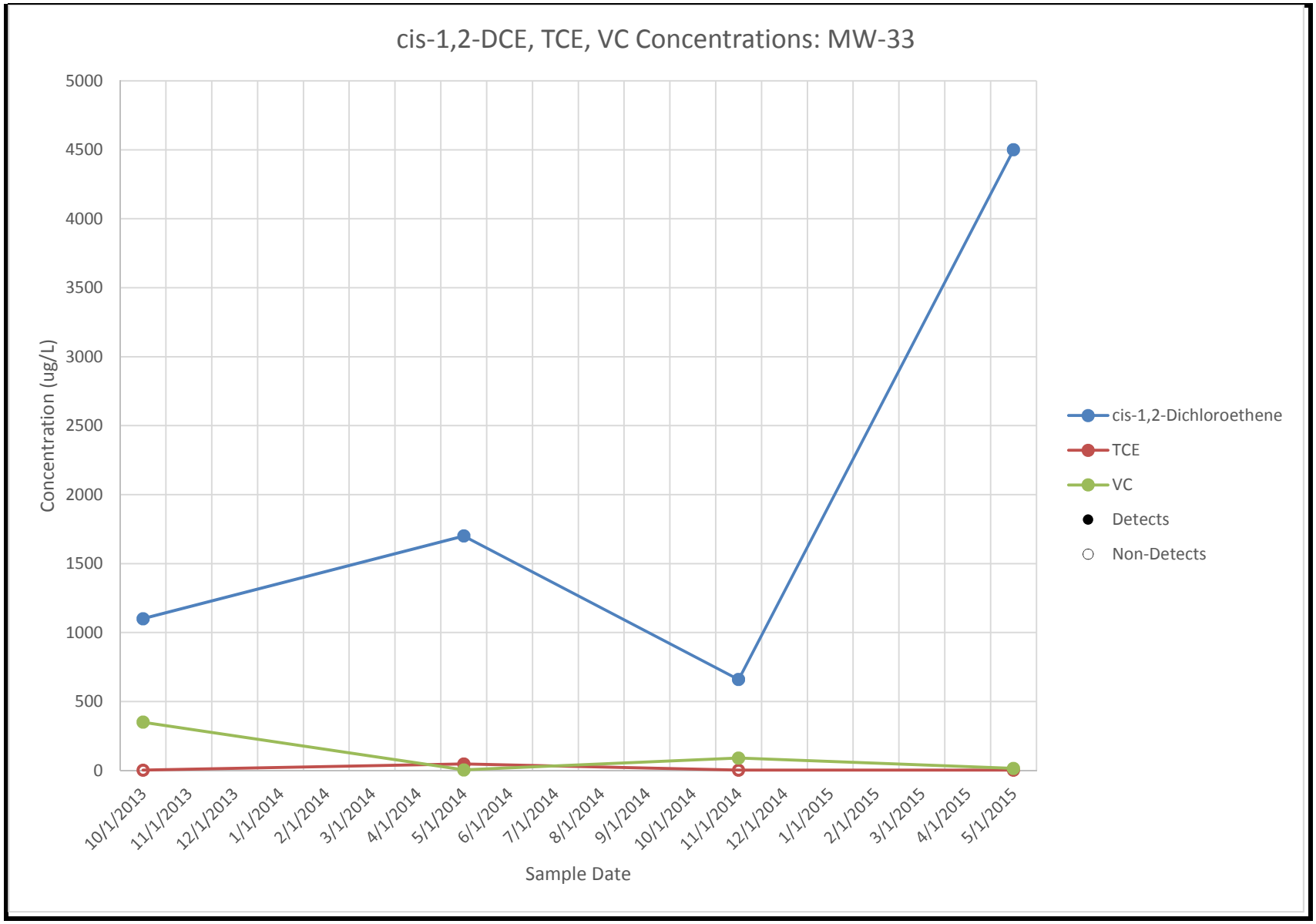

cis-1,2-DCE, TCE, VC Concentrations: MW-27
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

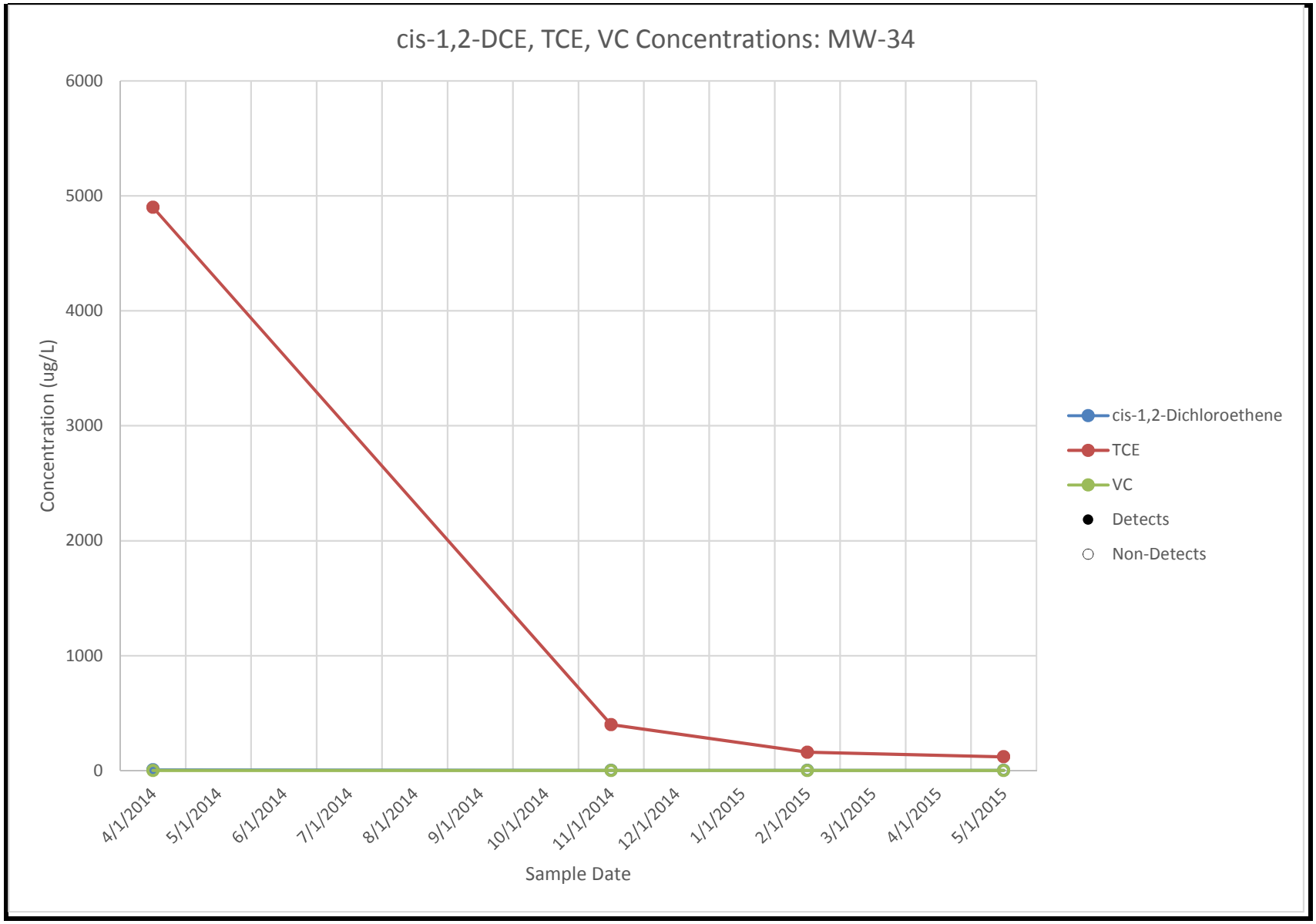

cis-1,2-DCE, TCE, VC Concentrations: MW-28
Concentration (ug/L)
2500
2000
1500
1000
500
0
5/1/2011
7/1/2011
9/1/2011
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

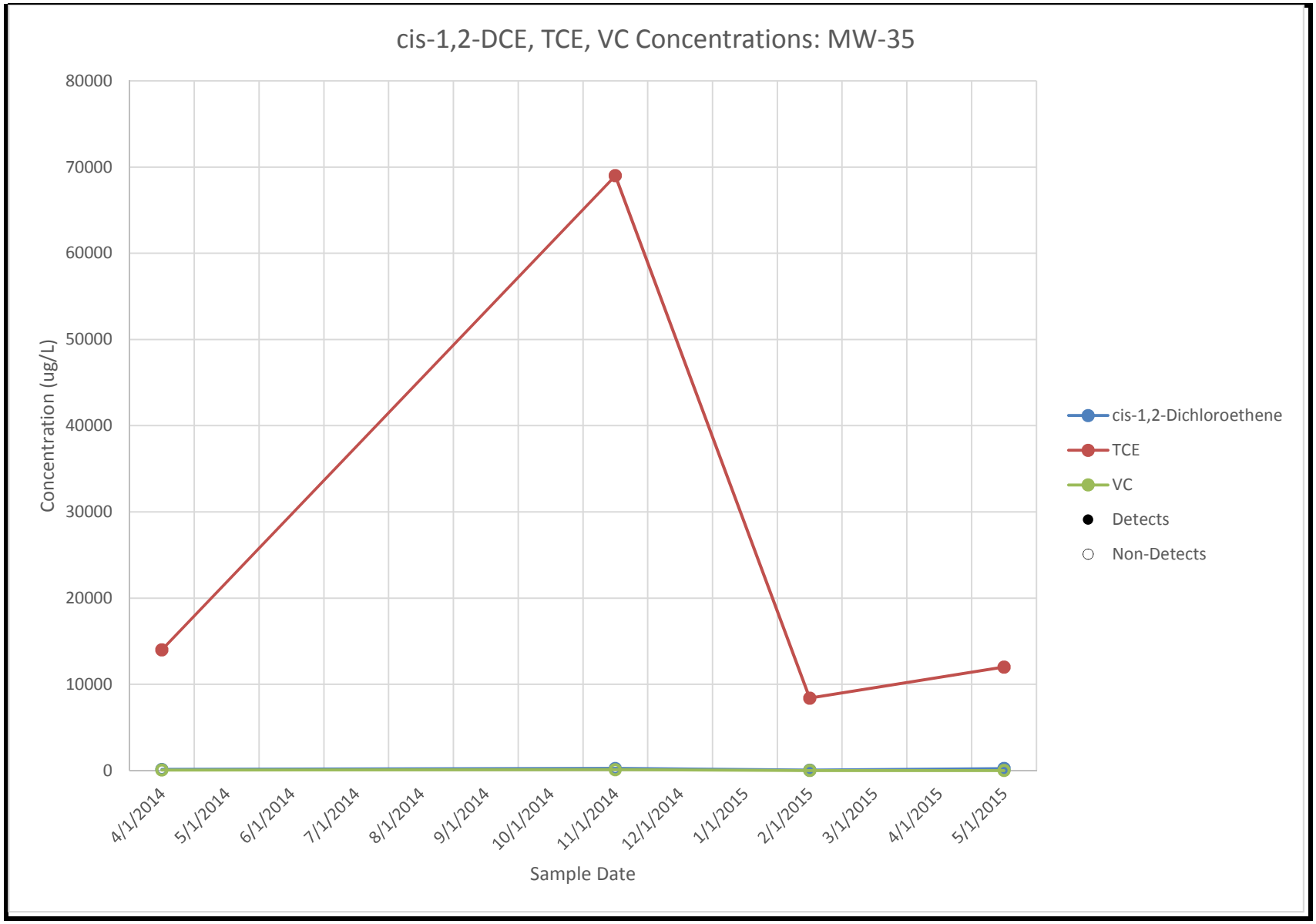

cis-1,2-DCE, TCE, VC Concentrations: MW-29
Concentration (ug/L)
3500
3000
2500
2000
1500
1000
500
0
5/24/2011
7/24/2011
9/24/2011
11/24/2011
1/24/2012
3/24/2012
5/24/2012
7/24/2012
9/24/2012
11/24/2012
1/24/2013
3/24/2013
5/24/2013
7/24/2013
9/24/2013
11/24/2013
1/24/2014
3/24/2014
5/24/2014
7/24/2014
9/24/2014
11/24/2014
1/24/2015
3/24/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

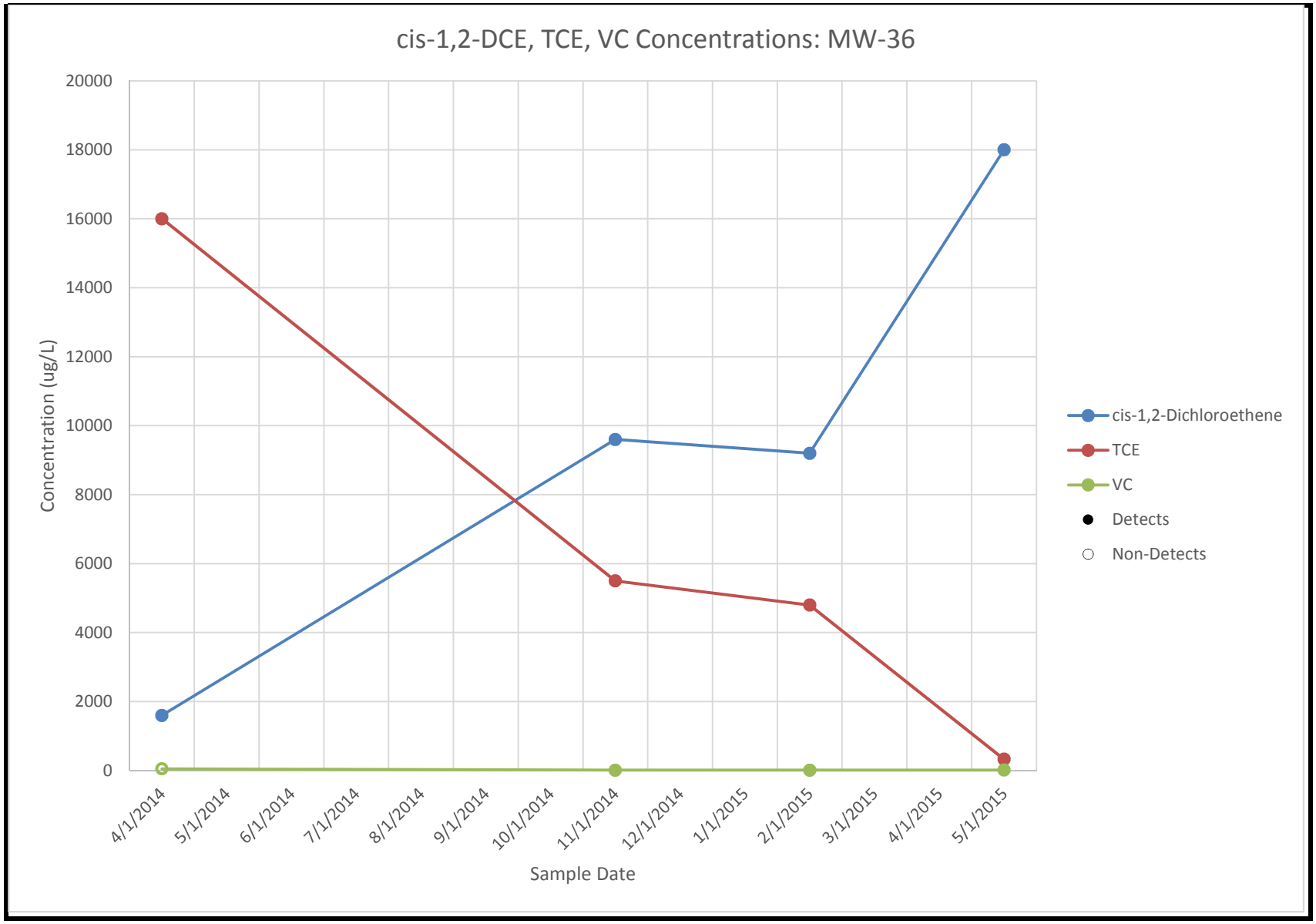

cis-1,2-DCE, TCE, VC Concentrations: MW-31
Concentration (ug/L)
35
30
25
20
15
10
5
0
10/1/2013
11/1/2013
12/1/2013
1/1/2014
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

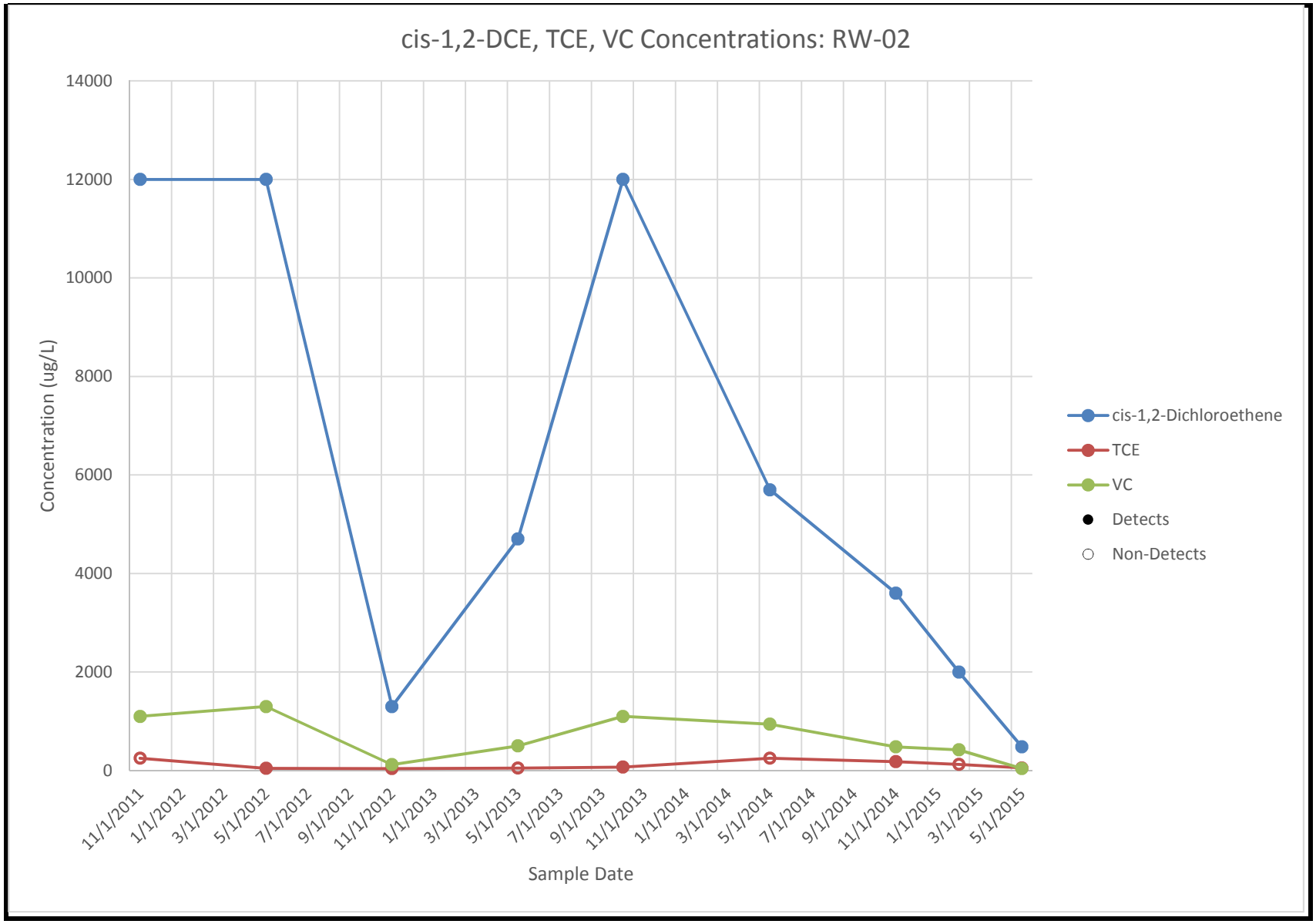

cis-1,2-DCE, TCE, VC Concentrations: MW-32
600000
500000
400000
300000
200000
100000
0
Concentration (ug/L)
10/8/2013
11/8/2013
12/8/2013
1/8/2014
2/8/2014
3/8/2014
4/8/2014
5/8/2014
6/8/2014
7/8/2014
8/8/2014
9/8/2014
10/8/2014
11/8/2014
12/8/2014
1/8/2015
2/8/2015
3/8/2015
4/8/2015
5/8/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

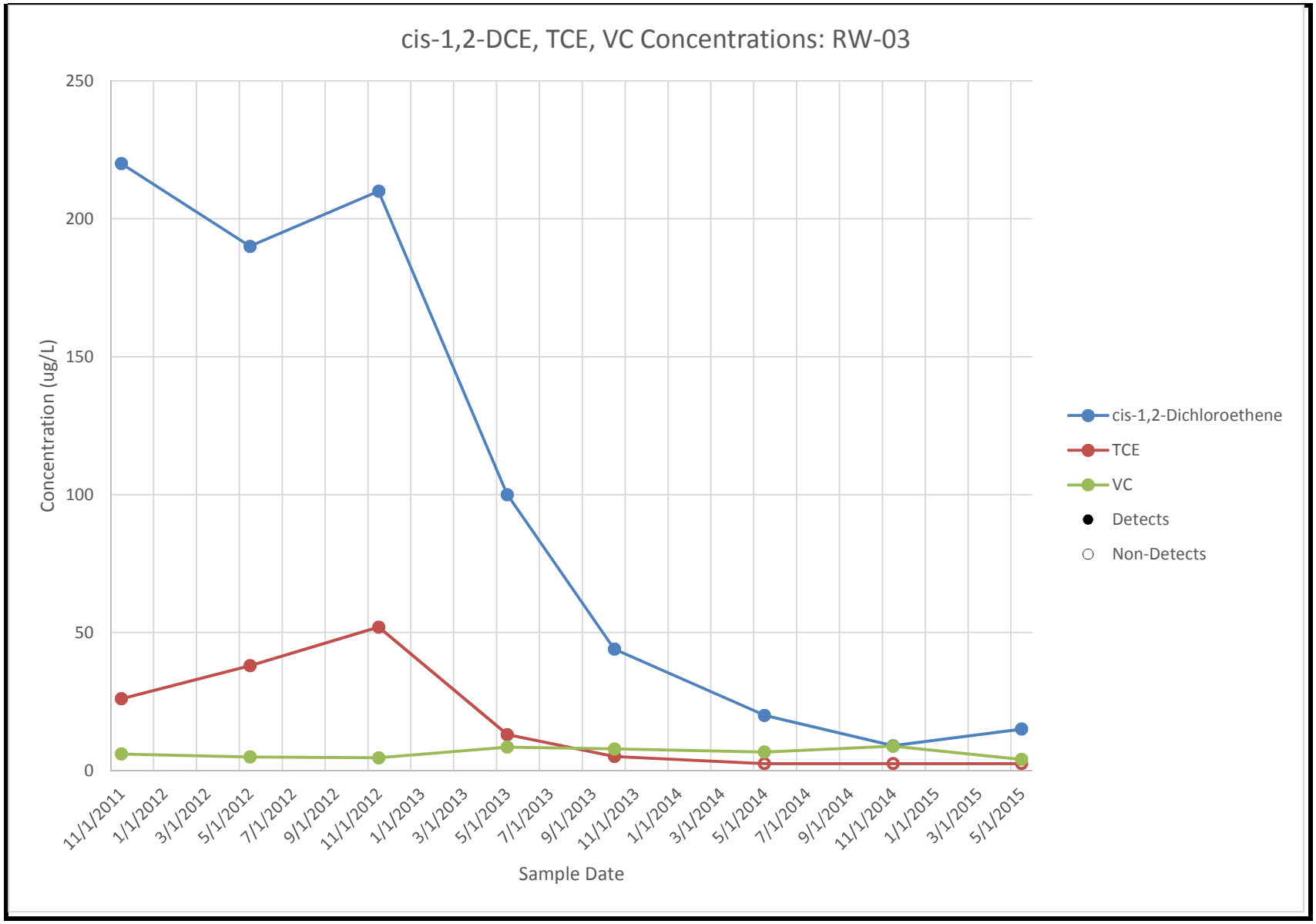

cis-1,2-DCE, TCE, VC Concentrations: MW-33
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
10/1/2013
11/1/2013
12/1/2013
1/1/2014
2/1/2014
3/1/2014
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

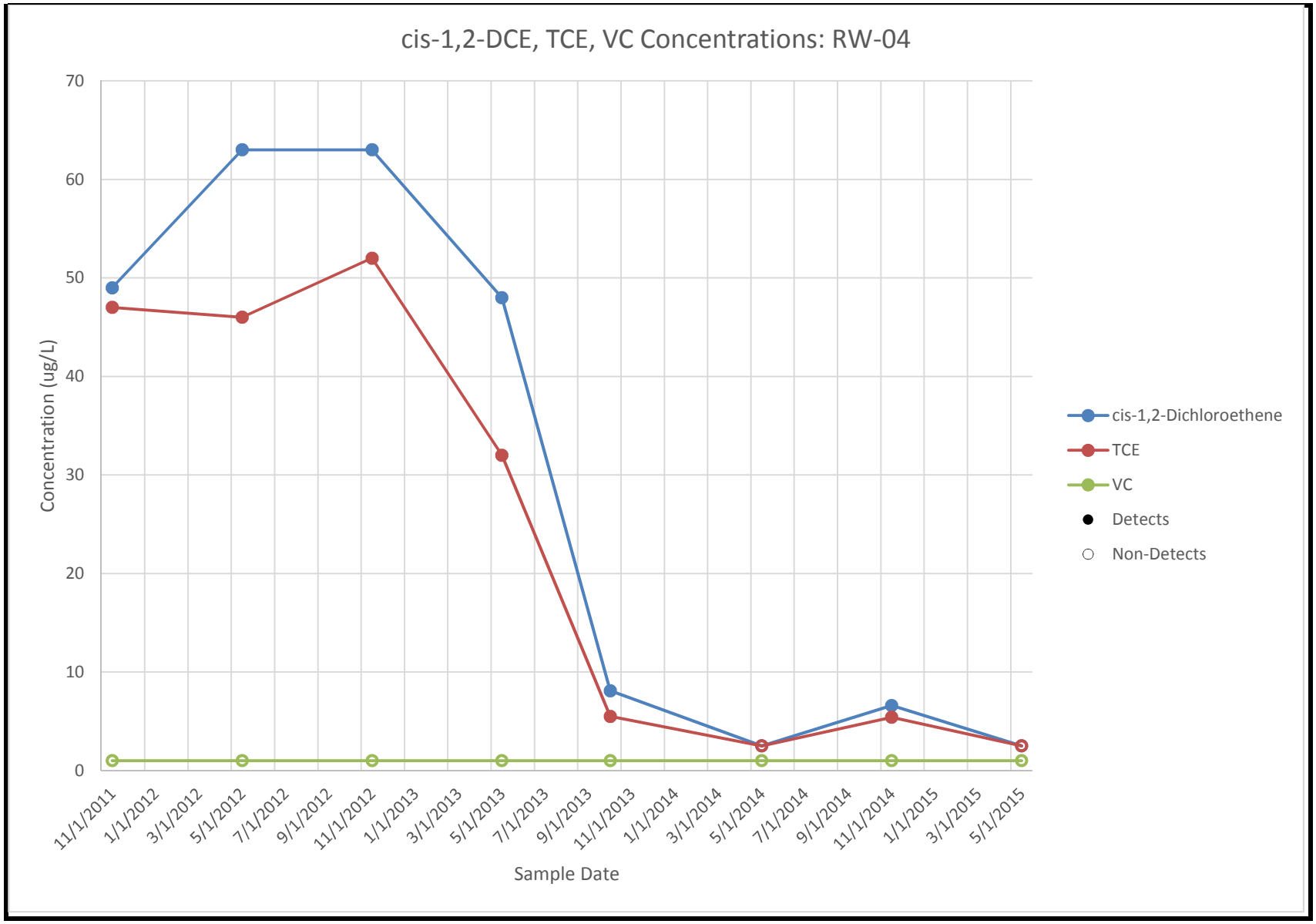

cis-1,2-DCE, TCE, VC Concentrations: MW-34
6000
5000
4000
3000
2000
1000
0
Concentration (ug/L)
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

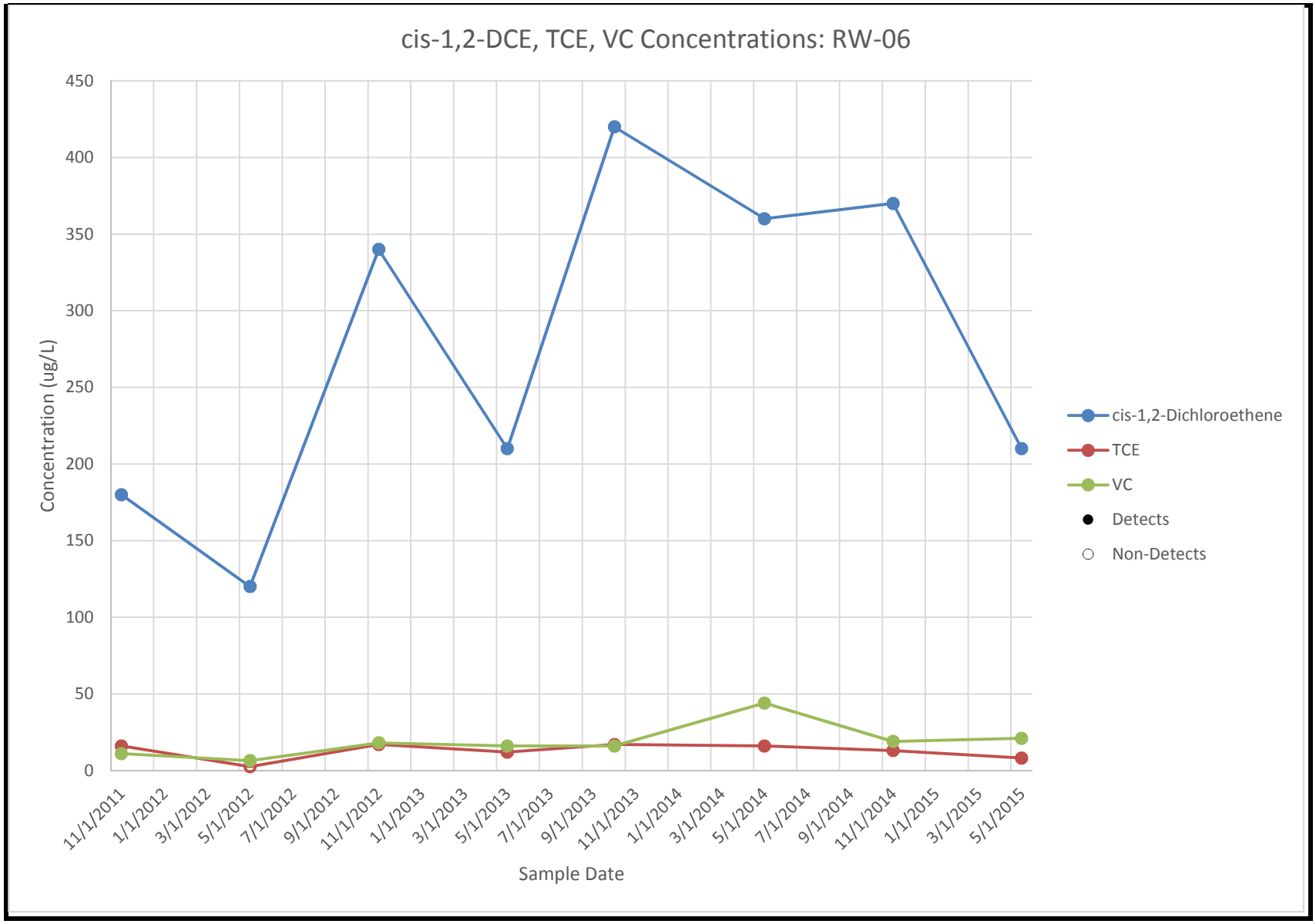

cis-1,2-DCE, TCE, VC Concentrations: MW-35
Concentration (ug/L)
80000
70000
60000
50000
40000
30000
20000
10000
0
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

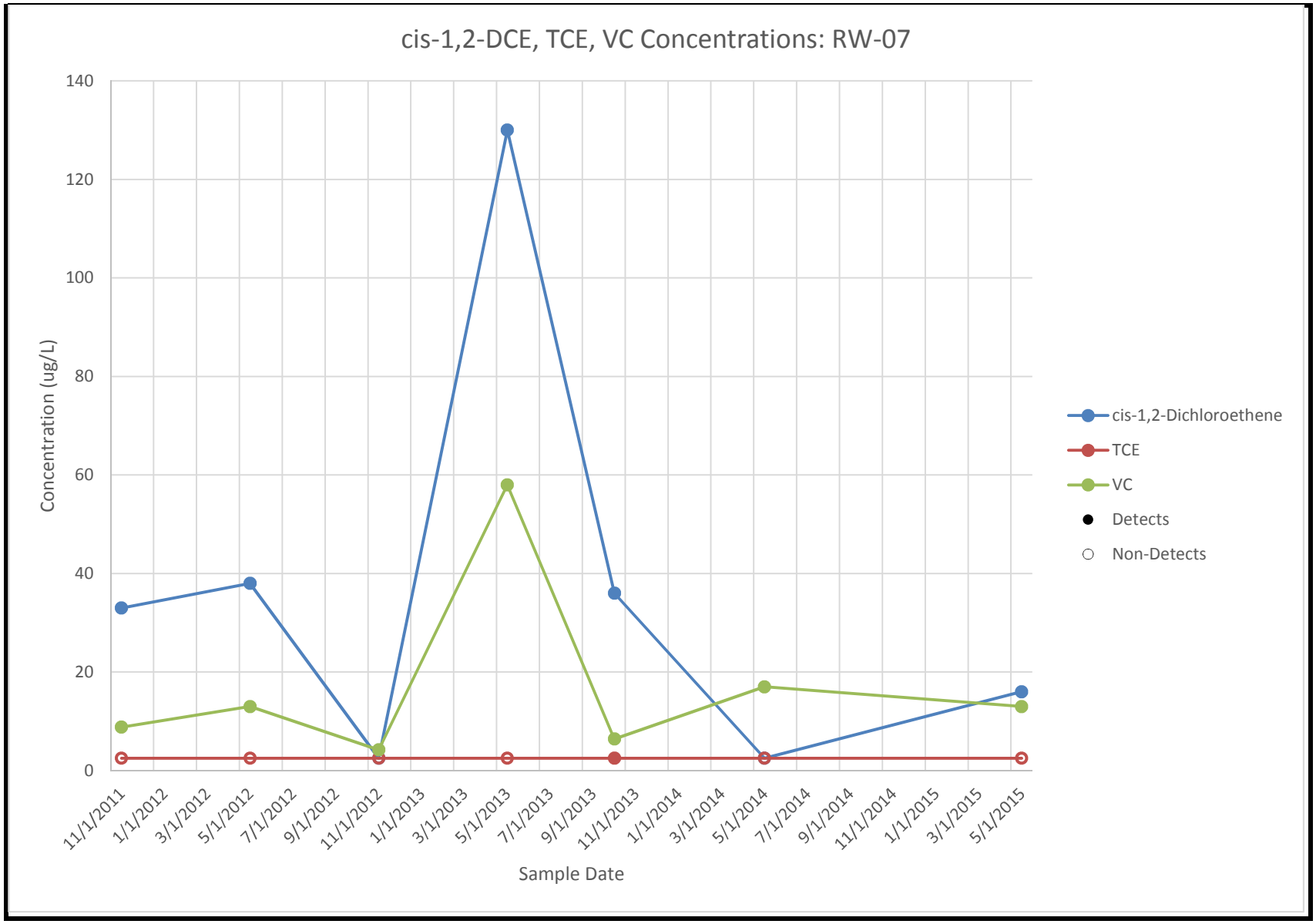

cis-1,2-DCE, TCE, VC Concentrations: MW-36
Concentration (ug/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
4/1/2014
5/1/2014
6/1/2014
7/1/2014
8/1/2014
9/1/2014
10/1/2014
11/1/2014
12/1/2014
1/1/2015
2/1/2015
3/1/2015
4/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

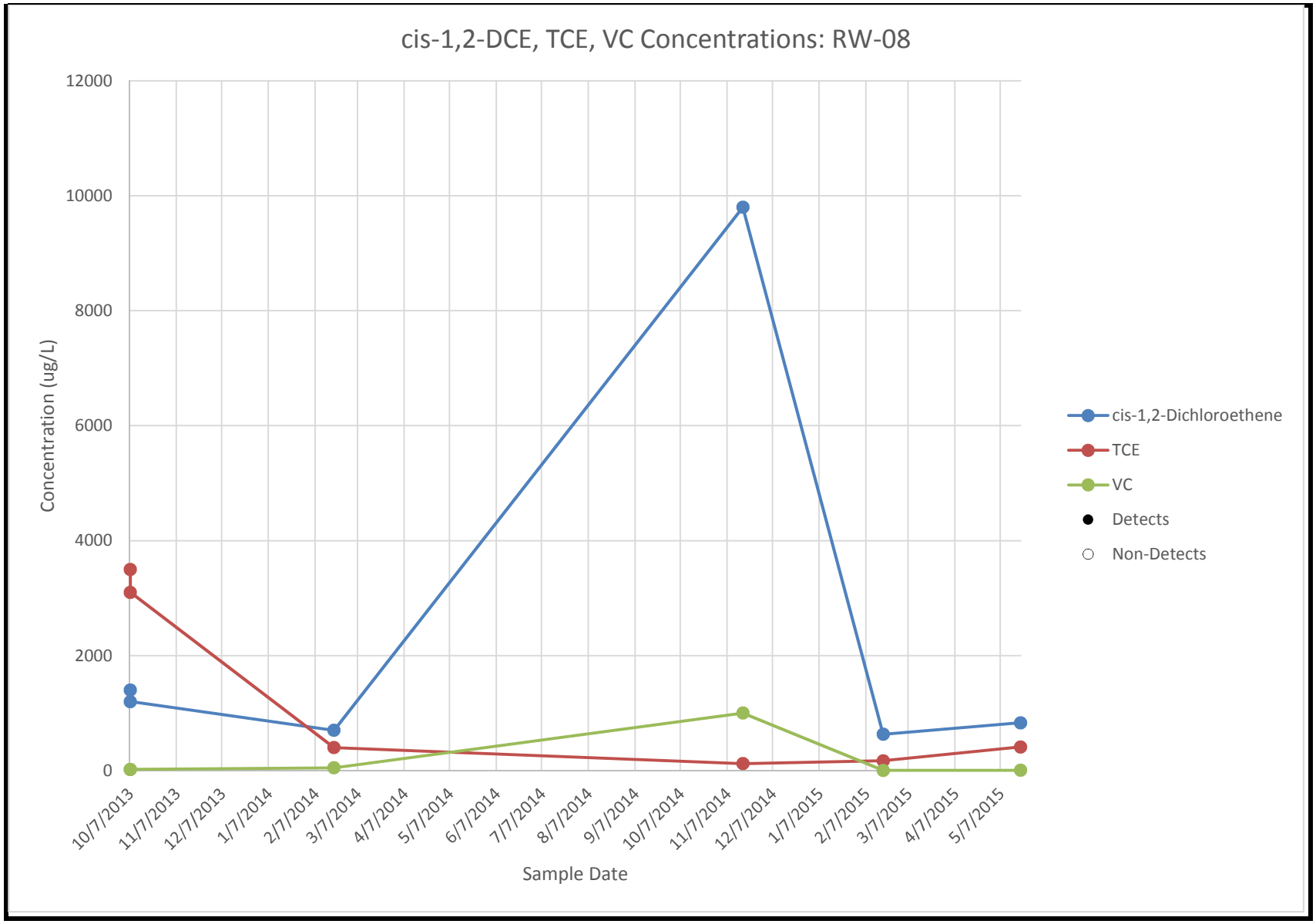

cis-1,2-DCE, TCE, VC Concentrations: RW-02
Concentration (ug/L)
14000
12000
10000
8000
6000
4000
2000
0
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects


cis-1,2-DCE, TCE, VC Concentrations: RW-03
Concentration (ug/L)
250
200
150
100
50
0
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects


cis-1,2-DCE, TCE, VC Concentrations: RW-04
Concentration (ug/L)
70
60
50
40
30
20
10
0
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects


cis-1,2-DCE, TCE, VC Concentrations: RW-06
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects


cis-1,2-DCE, TCE, VC Concentrations: RW-07
Concentration (ug/L)
140
120
100
80
60
40
20
0
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
3/1/2013
5/1/2013
7/1/2013
9/1/2013
11/1/2013
1/1/2014
3/1/2014
5/1/2014
7/1/2014
9/1/2014
11/1/2014
1/1/2015
3/1/2015
5/1/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects


cis-1,2-DCE, TCE, VC Concentrations: RW-08
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
10/7/2013
11/7/2013
12/7/2013
1/7/2014
2/7/2014
3/7/2014
4/7/2014
5/7/2014
6/7/2014
7/7/2014
8/7/2014
9/7/2014
10/7/2014
11/7/2014
12/7/2014
1/7/2015
2/7/2015
3/7/2015
4/7/2015
5/7/2015
Sample Date
cis-1,2-Dichloroethene
TCE
VC
Detects
Non-Detects

ARCADIS

Appendix D

Soil Boring Logs

ARCADIS

Borehole and Well Construction Log

Project: Lafarge E.P.
Project No.: HT212446
Page 1 of 1
Site Location: East Point, ga

Well ID: SB-154
Date Begin: 4/23/2015
Date End: 4/23/2015
Contractor/Driller: Atlas
Rig Type: track mount
Method: HAS
Total Depth Drilled: 5
Sample Method/Size: DPT
Cutting Disposal: Drum

Well Construction Log

Boring Dia.: "

Time
Begin:
End: NA

Construction

Intervals (ft BGS)
Riser:
Screen:
Surf. Seal:
Seal: NA
Filter Pack:
Backfill:

Materials
Riser:
Screen:
Surf. Seal:
Seal: NA
Filter Pack:
Backfill:

Surface Completion
Protection:
Pad:
Lock: NA
Date/Time:

ARCADIS G&M Personel
Field Work:
Log Draft:

Symbols
Grout:
Bentonite:
Sand:
Gravel:
Backfill: X
Contact:
Implied or Gradational Contact:

Depth (ft)	Spl Run	Class	Borehole Log Description	Ft. Rec.	Blow Count	PID (ppm)
			Time Begin: 1345 End: 1400			
0		SW	0-6" topsoil Gravelly Sand, Angular, Black and tan	3'		
1						
2		ML	Brick Reddish Brown Clayey Silt, Micaceous, w/ some Sand			
3						
4				4'		
5				1'		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

ARCADIS

Borehole and Well Construction Log

Project: Lafarge E.P.
Project No.: HT212446
Page 1 of 1
Site Location: East Point, ga

Well ID: SB-155
Date Begin: 4/23/2015
Date End: 4/23/2015
Contractor/Driller: Atlas
Rig Type: track mount
Method: HAS
Total Depth Drilled: 5'
Sample Method/Size: Hand Auger
Cutting Disposal: Drum

Boring Dia.: "

Time
Begin: NA
End: NA

Construction

Intervals (ft BGS)
Riser:
Screen:
Surf. Seal:
Seal:
Filter Pack:
Backfill:

Materials
Riser:
Screen:
Surf. Seal:
Seal:
Filter Pack:
Backfill:

Surface Completion
Protection:
Pad:
Lock:
Date/Time:

ARCADIS G&M Personel
Field Work:
Log Draft:

Symbols
Grout:
Bentonite:
Sand:
Gravel:
Backfill: X
Contact:
Implied or Gradational Contact:

Depth (ft)	Spl Run	Class	Borehole Log Description	Ft. Rec.	Blow Count	PID (ppm)
			Time Begin: 1410 End: 1426			
0			Unconsolidated Silty Sand, w/ Some Gravel 1.5"+, Angular,			
1						
2						
3			Silty Sand w/ ~~mot~~ Some Med pebbles, Moderate Some Gravel (<0.5")			
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

ARCADIS

Borehole and Well Construction Log

Project: Lafarge E.P.
Project No.: HT212446
Page 1 of 1
Site Location: East Point, ga

Well ID: SB-154
Date Begin: 4/23/2015
Date End: 4/23/2015
Contractor/Driller: Atlas
Rig Type: track mount
Method: HAS
Total Depth Drilled: 5
Sample Method/Size: Hand Auger
Cutting Disposal: Drum

Boring Dia. ___"

Time
Begin: ___
End: NA

Construction

Intervals (ft BGS)
Riser: ___
Screen: ___
Surf. Seal: ___
Seal: ___
Filter Pack: NA
Backfill: ___

Materials
Riser: ___
Screen: ___
Surf. Seal: ___
Seal: NP
Filter Pack: ___
Backfill: ___

Surface Completion
Protection: ___
Pad: NA
Lock: ___
Date/Time: ___

ARCADIS G&M Personel
Field Work: ___
Log Draft: ___

Symbols
Grout:
Bentonite:
Sand:
Gravel:
Backfill: X
Contact: ___
Implied or Gradational Contact: ----------

Depth (ft)	Spl Run	Class	Borehole Log Description	Ft. Rec.	Blow Count	PID (ppm)
			Time Begin: 1430 End: 1444			
0		SM	Silty Sandy ~~Clay~~, Silt & Gravel (1.5')	1.5		
1		SM	Brown, Unconsolidated, Brown & Black			
2						
3			Sandy Clayey Silt & Some Gravel, consolidated, Reddish Brown, Micaceous			
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

ARCADIS

Borehole and Well Construction Log

Project: Lafarge E.P.
Project No.: HT212446
Page 1 of 1
Site Location: East Point, ga

Well ID: SB-1S7
Date Begin: 4/23/2015
Date End: 4/23/2015
Contractor/Driller: Atlas
Rig Type: track mount
Method: HAS
Total Depth Drilled: 5
Sample Method/Size: Hand Auger
Cutting Disposal: Drum

Boring Dia.: "

Time
Begin:
End: NP

Construction

Intervals (ft BGS)
Riser:
Screen: /
Surf. Seal:
Seal: NP
Filter Pack:
Backfill: /

Materials
Riser:
Screen:
Surf. Seal:
Seal: NP
Filter Pack:
Backfill:

Surface Completion
Protection:
Pad: / NP
Lock:
Date/Time: /

ARCADIS G&M Personel
Field Work:
Log Draft:

Symbols
Grout:
Bentonite:
Sand:
Gravel:
Backfill: X
Contact:
Implied or Gradational Contact:

Time
Begin: 1448
End: 1505

Depth (ft)	Spl Run	Class	Borehole Log Description	Ft. Rec.	Blow Count	PID (ppm)
0			Concrete / Asphalt & Road Base	1	NA	NM
1		SM	Reddish Brown, Sandy Clayey Silt, consolidated Mixed.	4		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-156 Confirm Project/No. HT12446.0015 Page 1 of 1

Site Location: LaFarge (East Point, GA)

Drilling Started: 7-29-15 Drilling Completed: 7-29-2015

Drilling Contractor: Atlas Geosampling

Driller: Tom Helper: Penn

Drilling Fluid Used: N/A

Drilling Method: DPT Atlas Power Probe 9500 VTR

Length and Diameter of Coring Device: 4' x 2"

Sampling Interval: Continuous feet

Total Depth Drilled: 8 Feet Hole Diameter: 2"

Coring Device: DPT Core barrel

Prepared By: Josh Frizzell

Hammer Weight: N/A Hammer Drop: N/A ins.

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Grass surface Sample/Core Description	PID (ppm)
0	1	Reddish Brown silt, dry, non plastic, some small angular pebbles	N/A
1	2	Brown silt, moist, non-plastic, some fine sand, some small	
2	3	angular pebbles	
3	4		
4	5	Brownish gray clay and very fine sand, moist, non-plastic,	
5	6	dark gray rock fragment @ 4.5', mottling	
6	7	Brownish red clay, moist, very firm, high plasticity	
7	8		
8	9	-End of Boring-	
9	10		
10	11		
11	12		
12	13		
13	14		
14	15		
15	16		
16	17		
17	18		
18	19		
19	20		
20	21		
21	22		
22	23		
23	24		
24	25		

Pb /

0-1 0950

1-3 0955

3-5 1000

5-7 1005

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-157 Project/No. HT12446.0015 Page 1 of 1

Site Location: LaFarge (East Point, GA)

Drilling Started: 7-29-15 Drilling Completed: 7-29-15

Drilling Contractor: Atlas Geosampling

Driller: Tom Helper: Penni

Drilling Fluid Used: N/A

Drilling Method: DPT AMS Power Probe 9500 VTR

Length and Diameter of Coring Device: 4' x 2"

Sampling Interval: Continuous feet

Total Depth Drilled: 8 Feet Hole Diameter: 2"

Coring Device: DPT Core Barrel

Prepared By: Josh Frizzell

Hammer Weight: N/A Hammer Drop: N/A ins.

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Sample/Core Description	PID (ppm)
		Grass surface	
0	1	Brownish red clay, dry, some fine-medium sand, some small	N/A
1	2	angular pebbles, non-plastic, very firm	
2	3	↓	
3	4	↓	
4	5	4.0'-4.2' = Large subangular white pebbles; 4.2'-4.4' = Black silt and poorly sorted	
5	6	fine-coarse sand, some small angular pebbles; 4.4'-4.5' = pale brown poorly sorted	
6	7	fine-coarse subangular sand, some silt, moist. 4.5'-8' = brownish red	
7	8	clay, moist, very firm, moderate plasticity	
8	9	- End of boring -	
9	10		
10	11		
11	12		
12	13		
13	14		
14	15		
15	16		
16	17		
17	18		
18	19		
19	20		
20	21		
21	22		
22	23		
23	24		
24	25		ND

Pb/

0'-1' 1005

1'-3' 1010

3'-5' 1015

5'-7' 1020

ARCADIS

SOIL CORE / SAMPLING LOG

Boring/Well SB-158 Project/No. HT12446.0015 Page 1 of 1

Site Location LaFarge (East Point, GA) Drilling Started 7-29-15 Drilling Completed 7-29-15

Drilling Contractor Atlas Geosampling Driller Tom Helper Penn

Drilling Fluid Used N/A Drilling Method DPT

Length and Diameter of Coring Device 4' X 2" Sampling Interval Continuous feet

Total Depth Drilled 8 Feet Hole Diameter 2" Coring Device DPT core barrel

Prepared By Josh Frizzell Hammer Weight N/A Hammer Drop N/A ins.

Soil Characterization:

Sample/Core Depth (Feet bls) From	To	Sample/Core Description	PID (ppm)
		Grass surface	
0	1	Brownish red clay, some small angular pebbles	N/A
1	2		
2	3	Brown peat (roots, organics) from 2'-3', dry	
3	4	to 4.2'	
4	5	4.2'-4.4' = light brownish gray clay, soft, moderate plasticity, some	
5	6	poorly-sorted fine-coarse subangular sand; 4.4'-4.6' = Black silt,	
6	7	moist non-plastic, some poorly-sorted fine-coarse subangular sand;	
7	8	4.6'-8' = brownish red clay, moist, firm, slight plasticity	
8	9	- End of Boring -	
9	10		
10	11		
11	12		
12	13		
13	14		
14	15		
15	16		
16	17		
17	18		
18	19		
19	20		
20	21		
21	22		
22	23		
23	24		
24	25		0

PB / 0-1 1025
1-3 1030
3-5 1035
5-7 1040

ARCADIS

Appendix E

Well Survey Photo Log

Appendix E - PHOTO LOG

Project Name:	Location:	Project No.
Lafarge East Point	East Point, GA	HT212446

Photo No.	Date:
1	

Description:

Well ID: 10DD02, Well active monitoring point for USGS

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PHOTO LOG

Project Name:	Location:	Project No.
Lafarge East Point	East Point, GA	HT212446

Photo No. 2 | **Date:**

Description:

Well ID: 10DD59
Inactive well location located within fence. No Visible signs of well

ARCADIS

PHOTO LOG

Project Name:	Location:	Project No.
Lafarge East Point	East Point, GA	HT212446

Photo No. 3 | **Date:**

Description:
Well ID: 10DD26,
Inactive well located in senior facility. No visible signs of well

ARCADIS

PHOTO LOG

Project Name:	Location:	Project No.
Lafarge East Point	East Point, GA	HT212446

Photo No.	Date:
4	

Description:
Well ID: 10DD28
Inactive well supposedly located in park. No visible signs of well

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PHOTO LOG

Project Name:	Location:	Project No.
Lafarge East Point	East Point, GA	HT212446

Photo No.	Date:
5	

Description:
Well ID: Unknown ID, Inactive well located in shopping center. No visible signs of well

ARCADIS

Appendix F

Waste Manifest

18378

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
GAD088935960		631-225-3044	010668188 JJK

GENERATOR

5. Generator's Name and Mailing Address
LAFARGE ROAD MARKINGS C/O INNOVATIVE RECYCLIN
2675 NORTH MARTIN STREET
EAST POINT, GA 30344
Generator's Phone: 631-225-3044

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

6. Transporter 1 Company Name
MEI

U.S. EPA ID Number
TNR000019604

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
GIANT RESOURCE RECOVERY (AL)
1229 VALLEY DRIVE
ATTALLA, AL 25954
Facility's Phone: 800-637-4023

U.S. EPA ID Number
ALD070513767

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
x	1. UN1993,RQ,WASTE FLAMMABLE LIQUID,N.O.S. (TOLUENE/XYLENE),3,PGII,ERG-128 #61952		~~DM~~	1500	G	D001	F002	F003
						F005		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
NEEDS CONSENT TO US WASTE 24 HR EMERGENCY CONTACT IVAN JENKINS 678-576-1135 AH05227
INNOVATIVE RECYCLING

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

Generator's/Offeror's Printed/Typed Name: Ivan Jenkins as agent for Lafarge Road Marking
Signature: Ivan Jenkins as agent for Lafarge Road Marking
Month: 06 Day: 03 Year: 2015

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Donnie Kilgore
Signature:
Month: 6 Day: 3 Year: 15

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☑ Residue ☐ Partial Rejection ☐ Full Rejection
(1) Rec. 1189 G.
Manifest Reference Number:

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

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

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

1.	2.	3.	4.
H061			

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

Printed/Typed Name: Jonatan Brown
Signature:
Month: 06 Day: 03 Year: 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)