MEMORANDUM

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SMARTER ENVIRONMENTAL SOLUTIONS

To: Billy Meyer

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Date: March 12, 2015

Project: One Hour Martinizing Site, DSCA ID 32-0013
1103 W Club Blvd, Durham, NC

Subject: Project Update

Hart & Hickman, PC (H&H) is submitting this update regarding monitoring activities completed at the One Hour Martinizing site in January 2015, approximately one year after completion of groundwater remedial activities at the site. The groundwater remedial action, which consisted of injecting EHC into the source area aquifer, was completed at the site between January 8 and 25, 2014. An *EHC Injection Report* was submitted to the DSCA Program on March 31, 2014. Figures 1A and 1B depict the EHC injection locations. A brief summary of recent post-injection sampling activities is provided below. An updated project calendar is provided in Attachment A.

Post-Injection Groundwater Sampling Activities

H&H completed a post-injection groundwater sampling event in January 2015 to evaluate site conditions approximately one year after the EHC injection. The sampling activities were completed during the week of January 5, 2015. To evaluate the effectiveness of the injection, groundwater samples were collected from the following locations:

- Source property: MW-3R, MW-3I, MW-4R, MW-4I, MW-21, MW-22S, MW-22I, MW-23S, MW-23I
- West of source property: MW-10
- South of source property: MW-15S, MW-15I, MW-18
- East of source property: MW-14S, MW-14I, MW-16S, MW-16I

The samples were analyzed for volatile organic compounds (VOCs), methane, ethane, ethene, total iron, and total organic carbon (TOC). Field measurements of dissolved oxygen (DO), oxidation-reduction potential (ORP), temperature, pH, and conductivity were also collected. In addition, samples from MW-4R/I were analyzed for RCRA metals.

The VOC analytical results for the sampled monitoring wells are summarized on the attached Table 1, along with historical site data. The results for the other parameters are summarized on Table 2.

The goal of the EHC injection is to reduce tetrachloroethene (PCE) groundwater concentrations in the source area. Graphs of PCE concentration versus time are provided in Attachment B, and Figures 2A and 2B depict the January 2015 post-injection groundwater PCE concentrations in the shallow and intermediate monitoring zones, respectively. For comparison, the December 2013 pre-injection groundwater PCE concentration maps for the shallow and intermediate monitoring zones are included as Figures 2C and 2D.

As shown in the graphs, one year post-injection, reductions in PCE have been observed in the following monitoring wells located within the injection area: MW-15S, MW-22S, MW-22I, MW-23S, and MW-23I. PCE was reduced by between 58% and 99% in these injection area monitoring wells. PCE concentrations were more variable in the remaining monitoring wells with some increases and some decreases observed. The PCE concentrations in the remaining monitoring wells are generally within the range of historical concentrations, except for MW-4R and MW-16S. PCE concentrations in MW-4R, located north of the injection area, have been steadily increasing over time. PCE concentrations in MW-16S, located east of the injection area, increased in January 2015 compared to previous sampling events. Future monitoring will further evaluate concentration trends in monitoring wells located outside of the injection area.

The EHC injection promotes abiotic and biotic degradation of PCE. The degradation process results in temporary increases in trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC), as the PCE is degraded to the eventual end products of ethene and ethane. As expected, increases in TCE, cis-1,2-DCE, and VC were observed in several of the injection area monitoring wells during the post-injection sampling events. In January 2015, the highest concentrations of degradation products were detected in monitoring wells MW-15S, MW-22I, and MW-23S located within the injection area. Concentrations of these constituents are expected to eventually decrease as further degradation occurs. Ethene and ethane, the final degradation end products, were also detected in the injection area monitoring wells confirming that complete biodegradation is occurring. Graphs depicting concentrations of PCE and its degradation products in the injection area monitoring wells are provided in Attachment B.

Other notable VOC concentration changes observed during the one-year post-injection period include detections of acetone and 2-butanone (MEK). Short-term increases in acetone and MEK are commonly observed after injection of bioremediation products, such as EHC. These constituents are produced during fermentation of the organic carbon matter in the EHC material. Acetone and MEK were detected in several of the injection area monitoring wells after the EHC injection. One year post-injection detectable concentrations of these constituents are limited to MW-15S, MW-22I, and MW-23S. Concentrations of acetone and MEK are expected to decrease over time as the EHC material is consumed.

The analytical results for the geochemical parameters are summarized in Table 2. The objective of the EHC injection was to distribute organic carbon and iron into the source area aquifer to stimulate abiotic and biotic degradation of PCE. Increases in TOC and iron indicate good distribution of the EHC material in the subsurface. Decreases in DO and ORP and increases in methane are indicative of anaerobic conditions favorable for PCE biodegradation. As shown in

Table 2, injection area monitoring wells MW-15S, MW-22S, MW-22I, and MW-23S indicated high concentrations of TOC and iron one month after the injection confirming the EHC was effectively distributed throughout the target injection areas. One year post-injection TOC and iron concentrations have decreased, but remain elevated above pre-injection levels confirming the EHC material remains in the subsurface. DO concentrations also decreased in the injection area monitoring wells and methane concentrations increased suggesting anaerobic conditions favorable for PCE degradation were achieved post-injection. During the January 2015 sampling event, DO concentrations increased in some of the injection area monitoring wells suggesting the EHC material is being consumed. Graphs depicting changes in TOC, iron, DO, ORP, and methane for the injection area monitoring wells are provided in Attachment B.

In summary, the results for the first year of post-injection sampling indicate that the EHC was effectively distributed throughout the target injection areas, conditions favorable for degradation of PCE were created within the injection area, and substantial reductions in PCE concentrations have been observed in several monitoring wells. The EHC material remains in the subsurface and is continuing to support on-going degradation of PCE and its degradation products. However, it appears that the EHC material is being consumed. Additional monitoring will further evaluate the longevity of the EHC material.

Post-Injection Soil Gas Sampling Activities

H&H conducted a one-year post-injection soil gas sampling event at the site on January 5 and 6, 2015. The following soil gas sample points were sampled during the January 2015 event:

- Source property: SV-8S/I, SV-14, SV-55S/I
- West of source property: SV-49S/D (Note: SV-50 was damaged and could not be sampled)
- South of source property: SV-27S/D, SV-28D
- East of source property: SV-18, SV-19, SV-20S/D, SV-21S/D, SV-25S/D, SV-29S/D, SV-36S/D

Samples were collected from each location and analyzed for PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride using EPA Method TO-15.

The soil gas sample analytical results are summarized in the attached Table 3. Figures 3A and 3B show the pre- and post-injection soil gas concentrations, respectively. The results for the source property and properties to the west are compared to the Division of Waste Management (DWM) Non-Residential Soil Gas Screening Levels (SGSLs), and the results for the non-source properties to the south and east are compared to the DWM Residential SGSLs. PCE concentrations in sampled soil gas sample points have shown variable changes compared to the December 2013 pre-injection sampling event. In general, PCE soil gas concentrations on the source property and west of the source property have decreased since the injection. PCE soil gas concentrations on properties to the east and south have been more variable with some increases and some decreases observed over time. Figures 3C and 3D show the one-year post-injection PCE soil gas concentrations in the shallow and deep monitoring zones, respectively. For

comparison purposes, Figures 3E and 3F show the pre-injection PCE soil gas concentrations in the shallow and deep monitoring zones, respectively

Indoor Air Monitoring

In January 2015, H&H collected one-year post-injection indoor air samples at the three structures adjacent to the source property where vapor mitigation systems are in place (1419 Dollar Ave, 1421 Dollar Ave, and 1414 Watts St). Additional vapor mitigation measures were installed at each of these locations in May 2014. The mitigation systems at 1419 and 1421 Dollar Ave were modified to include sub-membrane depressurization in the crawlspaces and sub-slab depressurization in the basements. The mitigation system at 1414 Watts St was modified to include additional sub-slab vapor extraction points and vent fans. The modified mitigation systems were started up on May 12, 2014. In October and December 2014, telemetry (digital notification) systems were installed on the mitigation systems at 1419 and 1421 Dollar Ave. These systems will notify H&H via email if the systems malfunction.

On January 11, 2015, H&H collected two Summa canister indoor air samples from the Triangle Family Church at 1414 Watts St during the church's Sunday service. The samples were collected over a time period of approximately three hours. For the residences at 1419 and 1421 Dollar Ave, H&H collected two 14-day indoor air samples from each residence using passive Radiello sampling devices. The samples at 1419 and 1421 Dollar Ave were collected between January 13 and 27, 2015.

The indoor air samples were submitted for laboratory analysis of PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and VC. The analytical results for the indoor air samples are summarized in Table 4 and presented on Figure 4.

PCE was detected in each of the indoor air samples collected at 1414 Watts St at low concentrations of 2.7 $\mu g/m^3$ (1414-Front) and 4.0 $\mu g/m^3$ (1414-Rear) in January 2015. A low estimated concentration of TCE (0.083 J $\mu g/m^3$) was also detected in one of the indoor air samples (1414-Front). The detected PCE concentrations at the Triangle Family Church are lower than historical concentrations indicating that the mitigation system improvements are effectively reducing indoor air concentrations. To evaluate the risk associated with the detected indoor air concentrations, H&H evaluated a residential exposure scenario assuming 6 hours per week of exposure time, which is typical of a Triangle Family Church parishioner. As shown in the worksheet provided in Attachment C, the calculated cumulative carcinogenic risk levels are $1.6x10^{-8}$ for both samples and the hazard index levels are 0.0039 and 0.0036 for the 1414-Front and 1414-Rear samples, respectively. These risk levels are well within acceptable levels.

PCE was detected in each of the indoor air samples collected from the residences at 1419 Dollar Ave and 1421 Dollar Ave during the January 2015 sampling event. The detected PCE concentrations were 0.29 $\mu g/m^3$ to 0.28 $\mu g/m^3$ for the first floor and basement samples, respectively, at 1419 Dollar Ave and 0.41 $\mu g/m^3$ and 0.36 $\mu g/m^3$ for the first floor and basement samples, respectively, at 1421 Dollar Ave. The detected PCE concentrations are below the DWM Residential Indoor Air Screening Level (IASL) of 8.34 $\mu g/m^3$. TCE was not detected in

any of the samples collected from the residences. H&H calculated the risk associated with the detected indoor air concentrations during each sampling event. As shown in the worksheets in Attachment C, the carcinogenic risk levels are less than $1x10^{-7}$ and the hazard index levels are substantially less than 1. These risk levels are well within acceptable levels.

Soil Vapor Field Screening

H&H completed a post-injection soil vapor field screening event at the site on January 13, 2015. The event included measuring total volatile organic compounds (VOCs), methane, carbon dioxide, and oxygen in soil vapor, indoor air, and outdoor ambient air. The primary purpose of the sampling is to confirm methane levels are within acceptable standards. Measurements were collected at the following locations:

- Soil Vapor Monitoring Points: SV-8S/I, SV-14, SV-18, SV-19, SV-20S/D, SV-21S/D, SV-25S/D, SV-27S/D, SV-28D, SV-29S/D, SV-36S/D, SV-49S/DSV-55S/I
- Excavation Vent Exhaust Pipe
- Indoor Air at 1414 Watts St (Triangle Family Church)
- Ambient, Outdoor Air on Source Property

Please note that field screening was planned for SV-50; however, the vapor point was damaged and measurements could not be collected.

The field screening data are summarized in the attached Table 5, and the methane readings collected between December 2013 and January 2015 are shown on the attached Figure 5. Recorded field measurements indicate that methane was only detected at low concentrations of 0.1 to 0.2% by volume in three soil vapor monitoring points (SV-8I, SV-25D, and SV-49D) during the January 2015 field screening event. These methane readings are well within acceptable levels.

Methane was not detected in the vapors from the excavation passive exhaust vent during the January 2015 sampling event. Vapors from the vent are exhausted into the atmosphere through the stack installed on the source property where they dissipate into the atmosphere. Ambient air monitoring conducted near ground level in the immediate vicinity of the exhaust vent did not detect any measurable methane. Methane also was not detected in the indoor air at the Triangle Family Church at 1414 Watts St.

VOCs were detected in each of the monitored soil vapor points. In general, the soil vapor VOC concentrations are lower than the pre-injection concentrations at most of the screening locations. The highest VOC concentration was detected in soil vapor point SV-29D (1,371 ppm) located east/southeast of the source property.

Future Sampling Activities

H&H has completed one year of post-injection monitoring at the site. Based on the results, the following additional sampling activities are planned through May 2015. An updated calendar through May 2015 is provided in Attachment A.

Groundwater

In accordance with the UIC permit for the injection activities, quarterly post-injection groundwater sampling will continue through January 2016 (two years post-injection). During each quarterly event, groundwater samples will be collected from the following locations:

- Source property: MW-3R, MW-3I, MW-4R, MW-4I, MW-21, MW-22S, MW-22I, MW-23S, MW-23I
- West of source property: MW-10
- South of source property: MW-15S, MW-15I, MW-18
- East of source property: MW-14S, MW-14I, MW-16S, MW-16I

The samples will be analyzed for VOCs, methane, ethane, ethene, total iron, and TOC. Field measurements of DO, ORP, temperature, pH, and conductivity will also collected. In accordance with the UIC Permit, samples from MW-4R/I will also analyzed for RCRA metals.

H&H proposes to conduct the quarterly sampling events in April 2015, July 2015, October 2015, and January 2016.

Soil Gas

H&H recommends collecting soil gas samples for laboratory analysis from the following soil gas points in March 2015 to further evaluate the extents of PCE in soil gas:

- East of source property: SV-40S/D and SV-41S/D
- Southeast of source property: SV-34S/D and SV-37S/D

The proposed soil vapor monitoring locations are shown on Figure 6. The samples will be analyzed for PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and VC. Based on the results, the need for additional sampling will be evaluated.

Indoor Air

Vapor intrusion mitigation system modifications were installed at 1414 Watts St, 1419 Dollar Ave, and 1421 Dollar Ave in May 2014. Since start-up of the modified mitigation systems, consistent low indoor air concentrations have been detected at 1414 Watts St and 1419 Dollar Ave. Thus, no additional indoor air sampling is planned at these two locations at this time. Post-mitigation indoor air results at 1421 Dollar Ave have been more variable. Therefore, H&H plans to re-sample indoor air at this residence in April 2015 to further evaluate the effectiveness of the mitigation system. After the April 2015 sampling event, a schedule for future indoor air sampling will be developed.

Telemetry (digital notification) systems were installed at 1419 Dollar Ave and 1421 Dollar Ave in October and December 2014. These systems will notify H&H via email if the systems malfunction. If H&H receives any notifications, the systems will be inspected to determine if they are operating properly or if any corrective measures are needed.

Methane Field Screening

The methane field screening events have consistently indicated only very low methane levels at a few soil vapor screening locations at the site. Thus, no additional methane field screening is planned at this time.

Public Information Session

The DSCA Program is planning to hold a public information session in late April or early May to update interested parties on the status of the remediation activities and planned future activities at the site. The date and location of the public information session will be communicated as soon as it is determined.

TABLES

Table 1: Analytical Data for Groundwater **ADT 1**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-3	10/14/93	N/A	N/A	N/A	N/A	N/A	**0.095**	N/A	N/A	BDL	N/A	N/A	BDL	N/A	BDL	BDL	N/A	N/A	BDL	N/A	N/A
MW-3R	05/31/07	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.005	**0.063**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.005	**0.019**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.005	**0.018**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/04/09	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0166**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.005	<0.001
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.005	**0.019**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00762**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	12/16/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00711**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0104**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00105**	<0.050	<0.001
	03/28/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00968**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00551**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00559**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00498**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00235**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
MW-3I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.1761**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/18/12	<0.001	0.0019	<0.001	0.0018	<0.005	**0.093**	<0.005	<0.001	**0.0012**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/20/13	<0.001	**0.00428**	<0.001	<0.001	<0.005	**0.179**	<0.001	<0.001	**0.00233**	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.050	<0.001
	12/16/13	<0.001	**0.00464**	<0.001	<0.001	<0.005	**0.275**	<0.001	<0.001	**0.00231**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.050	<0.001
	02/26/14	<0.001	**0.00301**	<0.001	<0.001	<0.005	**0.218**	<0.001	<0.001	**0.00218**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.050	<0.001
	03/28/14	<0.001	**0.00316**	<0.001	<0.001	<0.005	**0.263**	<0.001	<0.001	**0.00272**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/25/14	<0.001	**0.00273**	<0.001	<0.001	<0.005	**0.261**	<0.001	<0.001	**0.00218**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/09/14	<0.001	**0.00272**	<0.001	<0.001	<0.005	**0.223**	<0.001	<0.001	**0.00177**	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	10/08/14	<0.001	0.00205	<0.001	<0.001	<0.005	**0.324**	<0.001	<0.001	**0.00213**	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	01/06/15	<0.001	0.00214	<0.001	<0.001	<0.005	**0.283**	<0.001	<0.001	**0.00161**	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
MW-4	11/19/93	N/A	N/A	N/A	N/A	N/A	**0.30**	N/A	N/A	**0.0012**	N/A	N/A	BDL	N/A	BDL	BDL	N/A	N/A	BDL	N/A	N/A

Table 1: Analytical Data for Groundwater **ADT 1**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-4R	05/31/07	<0.001	<0.001	<0.001	<0.001	<0.005	**0.51**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.005	**0.31**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.005	**0.25**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.005	**0.19**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/04/09	<0.001	<0.001	<0.001	<0.001	<0.001	**0.203**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.005	<0.001
	05/17/12	<0.005	<0.005	<0.005	<0.005	<0.025	**0.73**	<0.025	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.025	<0.01	<0.005
	01/03/13	<0.01	<0.01	<0.01	<0.01	<0.01	**0.20**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.10	<0.01
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.880**	<0.001	<0.001	**0.00118**	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	12/17/13	<0.001	<0.001	<0.001	<0.005	<0.005	**0.907**	<0.001	<0.001	**0.00143**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	02/26/14	<0.001	<0.001	<0.001	<0.005	<0.005	**1.23**	<0.001	<0.001	**0.00139**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	03/27/14	<0.001	<0.001	<0.001	<0.005	<0.005	**2.41**	<0.001	<0.001	**0.00193**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/24/14	<0.001	0.00169	<0.001	<0.001	<0.005	**2.14**	<0.001	<0.001	**0.00216**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/09/14	<0.001	0.0173	<0.001	<0.001	<0.005	**4.63**	<0.001	<0.001	**0.00696**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	10/08/14	<0.010	0.0125	<0.010	<0.010	<0.050	**5.78**	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.250	<0.010	<0.500	<0.010
	01/06/15	<0.010	**0.248**	<0.010	<0.010	<0.050	**6.28**	<0.010	<0.010	**0.0320**	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.250	<0.010	<0.500	<0.010
MW-4I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.0492**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/17/12	<0.001	<0.001	<0.001	<0.001	<0.005	**0.020**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.018**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0342**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0271**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0293**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0304**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/24/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0288**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0419**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0389**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0325**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001

Table 1: Analytical Data for Groundwater **ADT 1**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-10	09/03/08	**0.0064**	<0.005	**0.22**	<0.005	**0.036**	<0.005	<0.025	<0.005	<0.005	<0.005	**0.20**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.25	<0.025	<0.05	<0.005
	02/24/09	**0.11**	**0.010**	**0.059**	**0.26**	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	0.063	<0.01	<0.01	<0.01	<0.01	<0.01	<0.50	<0.05	<0.10	<0.01
	05/15/09	**0.049**	<0.001	**0.17**	**0.22**	**0.019**	<0.001	0.013	<0.001	<0.001	<0.001	**0.10**	<0.001	<0.001	<0.001	<0.001	<0.001	0.21	<0.005	<0.01	<0.001
	08/04/09	**0.0120**	<0.002	**0.282**	**0.0234**	**0.0743**	<0.002	0.0102	<0.002	<0.002	<0.002	**0.264**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.050	<0.002	0.141	<0.002
	05/17/12	**0.0026**	<0.001	**0.021**	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	0.022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	NA
	08/21/13	<0.001	<0.001	**0.0328**	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	0.00904	<0.001	<0.001	<0.001	<0.001	<0.001	0.00524	<0.001	<0.05	<0.001
	12/16/13	**0.00391**	<0.001	**0.0112**	<0.001	**0.00662**	<0.001	0.00270	<0.001	<0.001	<0.001	0.00996	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	02/28/14	0.000531J	0.000396J	<0.001	0.0136	0.000231J	**0.00239**	0.000959J	<0.001	0.000289J	<0.001	0.00160J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00126**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	04/25/14	<0.001	<0.001	<0.001	0.00207	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	07/08/14	<0.001	<0.001	<0.001	**0.0262**	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/06/15	<0.001	<0.001	<0.001	**0.0311**	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
MW-14S	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.005	**0.023**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.112**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0312**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	02/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0706**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.146**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	04/24/14	<0.001	0.00293	<0.001	<0.001	<0.005	**0.0368**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	07/09/14	<0.001	0.00234	<0.001	<0.001	<0.005	**0.0554**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/07/14	<0.001	0.00240	<0.001	<0.001	<0.005	**0.108**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/05/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0606**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001

Table 1: Analytical Data for Groundwater **ADT 1**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-14I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0015**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00108**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00133**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	02/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00109**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	04/24/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/07/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/05/15	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
MW-15S	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	**7.05**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**15**	<0.001	<0.001	**0.00606**	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00471**	<0.001	<0.005	<0.001	<0.050	<0.001
	12/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**13.1**	<0.001	<0.001	**0.00455**	<0.001	<0.003	<0.001	<0.001	<0.001	**0.00295**	<0.001	<0.005	<0.001	<0.050	<0.001
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.005	**3.76**	<0.001	<0.001	**0.0249**	<0.001	<0.003	<0.001	<0.001	<0.001	**0.00179**	0.00109	<0.005	<0.001	**6.25**	<0.001
	03/26/14	<0.001	**0.280**	<0.001	<0.001	<0.005	**6.11**	<0.001	<0.001	**0.0740**	<0.001	<0.003	<0.001	<0.001	<0.001	**0.00167**	0.00255	<0.025	<0.001	**4.64**	<0.001
	04/25/14	<0.001	**0.380**	<0.001	<0.001	<0.005	**4.43**	<0.001	<0.001	**0.105**	<0.001	<0.003	<0.001	<0.001	<0.001	**0.00164**	0.00308	0.729	<0.001	**8.65**	<0.001
	07/10/14	<0.001	**1.43**	<0.001	<0.001	<0.005	**4.09**	<0.001	<0.001	**0.832**	**0.00265**	<0.002	<0.001	<0.001	<0.001	<0.001	0.00606	<0.025	<0.001	**16.9**	<0.001
	10/08/14	<0.010	**4.07**	<0.010	<0.010	<0.050	**0.0552**	<0.010	<0.010	**0.0144**	**0.396**	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	1.66	<0.010	**11.1**	<0.010
	01/06/15	<0.010	**0.481**	<0.010	<0.010	<0.050	**0.194**	<0.010	<0.010	**0.0199**	**0.404**	<0.020	<0.010	<0.010	<0.010	<0.010	0.0015	0.15	<0.010	**0.251**	<0.010
MW-15I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.00835**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00342**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00420**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0449**	0.00101	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	03/26/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0266**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0173**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00936**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00446**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00351**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001

Table 1: Analytical Data for Groundwater **ADT 1**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-16S	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.0706**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.005	**0.083**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.096**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.103**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.112**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	02/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0444**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0250**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	04/23/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.110**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0552**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/06/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0356**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.291**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
MW-16I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	NA
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.05	<0.005	<0.01	<0.001
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	02/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	04/23/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/06/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/05/15	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
MW-18	11/25/09	<0.025	<0.025	<0.025	<0.025	<0.12	**0.72**	<0.12	<0.025	<0.025	<0.025	<0.075	<0.025	<0.025	<0.025	<0.025	<0.025	<1.2	<0.12	<0.25	<0.025
	05/18/12	<0.01	<0.01	<0.01	<0.01	<0.05	**0.79**	<0.05	<0.01	<0.01	<0.01	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.50	<0.05	<0.10	<0.01
	08/19/13	<0.001	0.00296	<0.001	<0.001	<0.005	**1.10**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	12/17/13	<0.001	0.00239	<0.001	<0.001	<0.005	**1.18**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	02/26/14	<0.001	0.00267	<0.001	<0.001	<0.005	**0.949**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	03/26/14	<0.001	0.00265	<0.001	<0.001	<0.005	**1.47**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/24/14	<0.001	0.00342	<0.001	<0.001	<0.005	**1.32**	<0.001	<0.001	**0.00108**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.50	<0.001
	07/08/14	<0.001	0.00252	<0.001	<0.001	<0.005	**1.16**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/08/14	<0.005	<0.005	<0.005	<0.005	<0.025	**0.928**	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.125	<0.005	<0.250	<0.005
	01/06/15	<0.005	<0.005	<0.005	<0.005	<0.025	**0.991**	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.125	<0.005	<0.250	<0.005

Table 1: Analytical Data for Groundwater **ADT 1**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-21	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00114**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00108**	<0.050	<0.001
	12/16/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00107**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/08/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/07/14	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
MW-22S	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	0.077	<0.001	<0.001	**0.0065**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	0.54	<0.025	**5.7**	<0.001
	01/09/13	<0.05	0.056	<0.05	<0.05	<0.05	**0.37**	0.34	<0.05	<0.05	<0.05	<0.15	<0.05	<0.05	<0.05	<0.05	<0.05	<2.5	<0.025	**6.9**	<0.05
	08/21/13	<0.001	0.00197	0.00209	<0.001	<0.005	<0.001	0.00197	<0.001	**0.00147**	**0.0239**	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/17/13	<0.001	**0.216**	<0.001	<0.001	<0.005	**0.00537**	0.00259	0.00384	**0.0639**	**0.254**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	02/28/14	<0.01	0.0383	<0.01	<0.01	<0.05	**0.00179J**	**0.950**	<0.01	<0.01	**0.0202**	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	1.4	**0.00296J**	0.502	<0.01
	03/28/14	<0.001	<0.001	0.00263	<0.001	<0.005	**0.00121**	**3.06**	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	0.172	<0.001	0.0689	<0.001
	04/24/14	<0.001	0.00972	0.00227	<0.001	<0.005	**0.00717**	**0.973**	<0.001	**0.00622**	**0.00491**	<0.003	**0.00972**	<0.001	<0.001	<0.001	<0.001`	<0.025	<0.001	<0.050	<0.001
	07/10/14	<0.001	<0.001	0.00127	<0.001	<0.005	<0.001	0.00379	<0.001	<0.001	**0.00158**	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/07/14	<0.001	0.00159	<0.001	<0.001	<0.005	<0.001	0.00167	<0.001	<0.001	**0.0124**	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/06/15	<0.001	0.00473	<0.001	<0.001	<0.005	**0.00227**	0.00170	<0.001	**0.00156**	**0.0467**	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
MW-22I	01/03/13	<0.1	**2.8**	<0.1	<0.1	<0.1	**67**	<0.5	<0.1	**1.4**	<0.1	<0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<5.0	<0.5	1.3	<0.1
	01/11/13	<0.5	**4.1**	<0.5	<0.5	<0.5	**70**	<2.5	<0.5	**1.6**	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<25	<2.5	<5.0	<0.5
	08/21/13	<0.001	**1.26**	< 0.001	<0.001	<0.005	**57.7**	0.00895	<0.05	**1.04**	**0.0596**	<0.002	<0.001	<0.001	<0.001	**0.0290**	**0.0138**	0.0558	**0.00852**	<0.05	<0.001
	12/16/13	<0.001	**0.380**	< 0.001	<0.001	<0.005	**70.7**	0.00924	0.00593	**0.451**	**0.0375**	<0.003	<0.001	<0.001	<0.001	**0.0410**	**0.00983**	0.0435	**0.0107**	<0.05	<0.001
	02/28/14	<0.1	**14.7**	<0.1	<0.1	<0.5	**12.1**	0.0420J	**0.187**	**2.77**	**0.0967J**	<0.3	<0.1	<0.1	<0.1	<0.1	**0.0826J**	0.617J	**0.0333J**	**4.36J**	<0.1
	03/28/14	**0.00143**	**17.6**	< 0.001	< 0.001	<0.005	**9.61**	0.0349	**0.121**	**2.06**	**0.0835**	<0.003	<0.001	<0.001	<0.001	**0.0177**	**0.0777**	0.581	**0.0014**	<5.0	<0.001
	04/24/14	**0.00102**	**47.2**	<0.001	<0.001	<0.005	**0.0147**	0.0110	<1.0	**0.00925**	**0.172**	<0.003	**0.00266**	<0.001	<0.001	**0.00516**	**0.192**	0.406	<0.001	<0.05	<0.001
	07/10/14	<0.001	**64.4**	<0.001	<0.001	<0.005	**0.858**	0.0107	<0.001	**0.0708**	**0.261**	<0.002	**0.00438**	<0.001	<0.001	**0.00437**	**0.189**	<0.025	**0.0011**	<0.05	<0.001
	10/07/14	<0.001	**53.4**	<0.001	<0.001	<0.005	**1.03**	<0.001	<0.001	**0.0864**	**0.681**	<0.002	<0.001	<0.001	<0.001	<0.001	**0.157**	1.55	<0.001	**4.84**	<0.001
	01/06/15	<0.025	**27.1**	<0.025	<0.025	<0.125	**2.02**	<0.025	<0.250	**0.3440**	**13.9**	<0.050	<0.025	<0.025	<0.025	<0.025	**0.0494**	5.35	<0.025	<1.25	<0.025

Table 1: Analytical Data for Groundwater **ADT 1**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-23S	08/19/13	<0.001	0.00395	0.00133	<0.001	**0.00592**	**80.9**	0.00432	<0.001	**0.0101**	<0.001	0.00488	<0.001	<0.001	**0.00542**	**0.0545**	<0.001	0.0787	**0.0149**	<0.050	<0.001
	12/17/13	<0.001	0.0191	0.00141	<0.001	**0.0105**	**92.4**	0.00619	<0.001	**0.0144**	<0.001	0.00526	<0.001	<0.001	**0.00412**	**0.0563**	<0.001	0.180	**0.0163**	0.161	<0.001
	02/28/14	<0.1	0.0390J	<0.1	<0.1	**0.0504J**	**49.4**	<0.1	<0.1	**0.348**	<0.1	<0.3	<0.1	<0.1	<0.1	**0.0399J**	<0.1	0.593J	**0.0436J**	0.434J	<0.1
	03/28/14	<0.001	0.0159	<0.001	<0.001	**0.00737**	**39.1**	0.00256	0.00315	**0.282**	**0.00197**	<0.3	<0.001	<0.001	**0.00140**	**0.0158**	**0.0195**	0.255	**0.00473**	0.307	<0.001
	04/25/14	<0.001	0.0306	<0.001	<0.001	**0.0146**	**59.5**	0.00521	0.00365	**0.399**	**0.00224**	<0.3	<0.001	<0.001	**0.00276**	**0.0283**	**0.0389**	0.424	**0.00917**	0.659	<0.001
	07/10/14	<0.001	**24.1**	<0.001	<0.001	**0.00832**	**34.5**	0.00255	<0.001	**1.37**	**0.0398**	<0.002	**0.00125**	<0.001	**0.00144**	**0.0116**	**0.0549**	0.444	**0.00427**	<0.05	<0.001
	10/08/14	<0.050	**21.1**	<0.050	<0.050	<0.250	**8.67**	<0.050	<0.250	**3.43**	**0.0611**	<0.100	<0.050	<0.050	<0.050	<0.050	**0.0527**	1.74	<0.050	2.66	<0.001
	01/06/15	<0.020	**19.2**	<0.020	<0.020	<0.100	**4.30**	<0.020	<0.200	**3.07**	**0.215**	<0.040	<0.020	<0.020	<0.020	<0.020	**0.0509**	3.25	<0.020	**5.44**	<0.020
MW-23I	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**1.76**	<0.001	<0.001	**0.00140**	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00461**	<0.001	<0.005	**0.00147**	<0.050	<0.001
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.659**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	**0.00180**	<0.001	<0.005	<0.001	<0.050	<0.001
	02/28/14	<0.001	**0.316**	<0.001	<0.001	<0.005	**0.0453**	0.00113	0.00430J	**0.0133**	<0.001	<0.003	0.000236J	<0.001	<0.001	0.000557J	0.000949J	<0.005	<0.001	<0.050	<0.001
	03/28/14	<0.001	**0.257**	<0.001	<0.001	<0.005	**0.00115**	<0.001	<0.01	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/25/14	<0.001	**0.145**	<0.001	<0.001	<0.005	**0.169**	<0.001	<0.01	**0.00976**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/10/14	<0.001	**0.118**	<0.001	<0.001	<0.005	**0.400**	<0.001	<0.001	**0.0139**	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	10/08/14	<0.001	**0.163**	<0.001	<0.001	<0.005	**0.132**	<0.001	<0.001	**0.00523**	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
	01/06/15	<0.001	0.0175	<0.001	<0.001	<0.005	**0.171**	<0.001	<0.001	**0.00248**	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.05	<0.001
Tier 1 RBSL (or NC 2L Standard)		0.001	0.07	0.003	0.02	0.004	0.0007	0.6	0.076	0.001	0.00003	0.094	0.0004	0.20	0.0002	0.0012	0.007	6.0	0.00073	4.0	0.0006

Notes:

1. **Bold** concentration exceeds DSCA Program Tier 1 RBSL (or NC 2L Standard, if no RBSL established).
2. J flag denotes estimated concentration between laboratory reporting limit and method detection limit.
3. NA = Not Analyzed; N/A = Not Available; BDL = Below Detection Limit (detection limits not available); NE = Not Established

Table 1(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 1(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Methylene Chloride
		[mg/L]																			
MW-3	10/14/93	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	NA
MW-3R	05/31/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	<0.005
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	<0.005
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	<0.005
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.002
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/28/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
MW-3I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/28/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
MW-4	11/19/93	BDL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BDL	BDL	BDL	N/A

Table 1(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 1(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Methylene Chloride
		[mg/L]																			
MW-4R	05/31/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	0.0024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	<0.005
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	<0.005
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	<0.005
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.002
	05/17/12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025
	01/03/13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	0.0018	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.100	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.010	<0.010	<0.050
	01/06/15	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.100	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.010	<0.010	<0.050
MW-4I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
	05/17/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005

Table 1(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 1(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Methylene Chloride
		[mg/L]																			
MW-10	09/03/08	<0.005	0.0066	0.014	<0.005	<0.005	0.062	**0.12**	<0.005	<0.005	<0.05	**0.25**	0.097	<0.005	<0.005	<0.005	0.046	<0.012	<0.025	<0.025	<0.025
	02/24/09	<0.01	<0.01	0.010	<0.01	<0.01	0.029	0.032	<0.01	<0.01	<0.10	**0.035**	0.014	<0.01	<0.01	<0.01	<0.01	<0.025	<0.05	<0.05	<0.05
	05/15/09	<0.001	0.0077	0.014	0.0015	0.0036	0.034	0.065	0.0033	<0.001	<0.01	**0.063**	0.021	<0.001	<0.001	<0.001	0.019	<0.0025	<0.005	<0.005	<0.005
	08/04/09	<0.002	NA	NA	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	NA	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	<0.002	<0.004
	05/17/12	<0.001	<0.001	0.013	0.0014	<0.001	0.016	0.025	<0.001	<0.001	<0.01	0.0023	0.0017	<0.001	<0.001	<0.001	0.0045	<0.001	<0.001	<0.001	<0.005
	08/21/13	<0.001	0.00141	0.00777	<0.001	<0.002	0.00867	0.0186	<0.001	<0.001	<0.005	0.00573	0.00517	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/16/13	<0.001	<0.001	<0.001	0.00166	<0.002	0.0193	0.0350	0.00103	<0.001	<0.005	0.00307	0.00189	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/28/14	<0.001	<0.001	0.00205	0.000405J	0.000207J	0.00182	<0.001	<0.001	<0.001	<0.005	0.000636J	0.000523J	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<0.001	0.00130	<0.001	<0.002	0.00152	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.002	0.00177	0.00110	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/08/14	<0.001	<0.001	0.00313	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.001	<0.001	0.00173	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	0.00183	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
MW-14S	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/20/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<0.001	<0.001	<0.001	<0.002`	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/07/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/05/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005

Table 1(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 1(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Methylene Chloride
		[mg/L]																			
MW-14I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/07/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/05/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
MW-15S	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.00799**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/20/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00575**	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/26/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.010	<0.010	<0.010	<0.010	<0.002	<0.010	<0.010	<0.010	<0.010	<0.100	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.010	<0.010	<0.050
	01/06/15	<0.010	<0.010	<0.010	<0.010	<0.002	<0.010	<0.010	<0.010	<0.010	<0.100	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.010	<0.010	<0.050
MW-15I	11/09/09	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/26/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005

Table 1(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 1(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Methylene Chloride
		[mg/L]																			
MW-16S	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/23/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/06/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
MW-16I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/23/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/06/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
MW-18	11/25/09	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.062	<0.12	<0.12	<0.12
	05/18/12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/26/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/08/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.005	<0.005	<0.005	<0.005	<0.100	<0.005	<0.005	<0.005	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.025
	01/06/15	<0.005	<0.005	<0.005	<0.005	<0.100	<0.005	<0.005	<0.005	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.025

Table 1(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 1(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Methylene Chloride
		[mg/L]																			
MW-21	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/08/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/07/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
MW-22S	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025
	01/09/13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.025
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/28/14	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.10	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	0.00232J
	03/28/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/07/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
MW-22I	01/03/13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
	01/11/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
	08/21/13	0.00558	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0742**	0.0124	0.00357	0.00110	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/16/13	0.00658	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0596**	0.0122	0.00432	0.00132	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/28/14	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.1	<0.1	<0.1	**0.0239J**
	03/28/14	0.00265	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.01	0.00166	<0.001	<0.001	<0.001	0.00108	NA	<0.001	<0.001	<0.001	<0.005
	04/24/14	0.00350	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	0.00237	<0.001	<0.001	<0.001	0.00111	NA	<0.001	<0.001	<0.001	<0.005
	07/10/14	0.00359	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	0.00104	0.0106	0.00237	<0.001	<0.001	<0.001	0.00123	NA	0.00284	<0.001	<0.001	<0.005
	10/07/14	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.050	<0.050	<0.500	<0.050	<0.050	<0.050	<0.050	<0.050	NA	<0.050	<0.050	<0.050	<0.250
	01/06/15	<0.025	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025	<0.025	<0.250	<0.025	<0.025	<0.025	<0.025	<0.025	NA	<0.025	<0.025	<0.025	<0.125

Table 1(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 1(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Methylene Chloride
		[mg/L]																			
MW-23S	08/19/13	0.00353	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.142**	0.00650	0.00197	0.00100	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/17/13	0.00394	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.128**	0.0155	0.00242	0.00113	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/28/14	0.00394	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	**0.0334J**	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.5
	03/28/14	0.00173	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0133**	<0.010	0.00156	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/25/14	0.00293	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0152**	<0.010	0.00195	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/10/14	0.00249	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0297**	<0.010	0.00110	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.500	<0.050	<0.050	<0.050	<0.050	<0.050	NA	<0.050	<0.050	<0.050	<0.250
	01/06/15	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.200	<0.020	<0.020	<0.020	<0.020	<0.020	NA	<0.020	<0.020	<0.020	<0.100
MW-23I	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.00730**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	0.00214	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	02/28/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	0.000959J	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	03/28/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.005
Tier 1 RBSL (or NC 2L Standard)		0.050	0.070	0.070	0.070	0.070	0.070	0.070	0.025	0.0032	0.10	0.0058	0.4	0.02	0.0022	0.0022	NE	0.0030	0.0014	2.0	0.005

Notes:

1. **Bold** concentration exceeds DSCA Program Tier 1 RBSL (or NC 2L Standard, if no RBSL established).
2. J flag denotes estimated concentration between laboratory reporting limit and method detection limit.
3. NA = Not Analyzed; N/A = Not Available; BDL = Below Detection Limit (detection limits not available); NE = Not Established

Table 2: Analytical Data for Natural Attenuation Parameters **ADT 2**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Methane	Oxidation reduction potential (ORP)	Conductivity	pH	Temperature	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Barium	Chromium	Lead
	Units	mg/L	mg/L	mV	µs/cm^2	std unit	° C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-3R	08/05/11	6.57	<0.00072	44.87	125	5.42	20.36	NA	<0.001	<0.0023	NA	NA	NA	NA
	05/18/12	NA	<0.010	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/20/13	2.75	<0.005	196.2	127	5.52	21.07	2.76	<0.005	<0.005	1.79	NA	NA	NA
	12/16/13	2.52	0.0216	68.1	104	5.21	17.06	NA	<0.005	<0.005	NA	NA	NA	NA
	02/26/14	3.91	<0.005	214.2	138	4.92	16.41	1.19	<0.005	<0.005	0.448	NA	NA	NA
	03/28/14	4.39	<0.005	-262.1	116	5.58	18.65	3.38	<0.005	<0.005	0.801	NA	NA	NA
	04/25/14	3.91	<0.005	100.9	151	5.91	17.28	9.13	<0.005	<0.005	0.360	NA	NA	NA
	07/09/14	1.92	0.00800	200.6	107	5.17	21.54	3.32	<0.005	<0.005	0.590	NA	NA	NA
	10/08/14	2.82	<0.005	98.4	110	5.52	21.10	3.48	<0.005	<0.005	0.336	NA	NA	NA
	01/06/15	2.52	<0.005	100.2	94	7.03	17.60	8.07	<0.005	<0.005	0.436	NA	NA	NA
MW-3I	08/05/11	3.02	<0.00072	65.90	413	5.94	20.79	NA	<0.001	<0.0023	NA	NA	NA	NA
	05/18/12	NA	<0.010	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/20/13	1.14	<0.005	-38.8	410	6.72	21.38	1.16	<0.005	<0.005	0.162	NA	NA	NA
	12/16/13	1.55	<0.005	60.5	367	6.68	18.28	NA	<0.005	<0.005	NA	NA	NA	NA
	02/26/14	1.39	<0.005	99.3	482	6.76	16.98	1.05	<0.005	<0.005	1.51	NA	NA	NA
	03/28/14	1.26	0.00927	-298.4	347	6.61	18.84	<1.00	<0.005	<0.005	<0.100	NA	NA	NA
	04/25/14	1.55	<0.005	108.9	400	6.67	17.61	1.16	<0.005	<0.005	0.265	NA	NA	NA
	07/09/14	1.30	<0.005	138.5	354	6.46	22.22	<1.00	<0.005	<0.005	0.158	NA	NA	NA
	10/08/14	1.21	<0.005	54.3	331	6.71	20.6	1.02	<0.005	<0.005	<0.100	NA	NA	NA
	01/06/15	1.28	<0.005	9.4	306	6.70	17.7	1.26	<0.005	<0.005	0.341	NA	NA	NA
MW-4R	05/17/12	NA	0.011	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/20/13	0.93	<0.005	157.9	88	5.59	20.46	<1.0	<0.005	<0.005	0.814	NA	NA	NA
	12/17/13	2.47	<0.005	89.1	84	5.59	15.16	NA	<0.005	<0.005	NA	0.150	0.00540	<0.00500
	02/26/14	1.55	<0.005	209.8	105	5.50	16.15	<1.00	<0.005	<0.005	1.19	0.150	0.00540	<0.00500
	03/27/14	1.97	<0.005	-263.1	88	6.19	15.25	<1.00	<0.005	<0.005	0.179	0.135	<0.00500	<0.00500
	04/24/14	1.92	<0.005	-103.4	102	7.78	15.75	<1.00	<0.005	<0.005	0.486	0.133	<0.00500	<0.00500
	07/09/14	1.79	<0.005	181.2	92	5.79	22.58	<1.00	<0.005	<0.005	0.393	0.137	<0.00500	<0.00500
	10/08/14	3.03	<0.005	100.2	92	5.70	20.58	<1.00	<0.005	<0.005	0.149	0.109	<0.00500	<0.00500
	01/06/15	2.18	<0.005	100.2	87	5.98	14.93	1.20	<0.005	<0.005	0.102	0.146	<0.00500	<0.00500

Table 2: Analytical Data for Natural Attenuation Parameters **ADT 2**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Methane	Oxidation reduction potential (ORP)	Conductivity	pH	Temperature	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Barium	Chromium	Lead
	Units	mg/L	mg/L	mV	µs/cm^2	std unit	° C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-4I	05/17/12	NA	<0.010	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/20/13	4.85	<0.005	171.9	55	5.98	21.74	<1.0	<0.005	<0.005	1.16	NA	NA	NA
	12/17/13	6.12	0.0127	39.6	52	6.22	13.98	NA	<0.005	<0.005	NA	0.0281	<0.00500	0.00720
	02/26/14	5.64	<0.005	146.0	190	6.18	16.67	<1.0	<0.005	<0.005	0.559	0.0252	<0.00500	<0.00500
	03/27/14	6.4	<0.005	-228.8	43	6.04	14.23	<1.0	<0.005	<0.005	0.657	0.0244	<0.00500	<0.00500
	04/24/14	5.62	<0.005	-39.7	59	8.70	15.60	<1.0	<0.005	<0.005	4.83	0.0351	<0.00500	<0.00500
	07/09/14	4.90	<0.005	135.7	54	5.94	26.45	<1.0	<0.005	<0.005	3.88	0.0304	0.00500	<0.00500
	10/08/14	5.38	<0.005	89.9	61	6.11	20.97	<1.00	<0.005	<0.005	<0.100	0.0240	<0.00500	<0.00500
	01/06/15	6.56	<0.005	75.0	41	6.16	13.67	1.08	<0.005	<0.005	6.37	0.0441	0.00760	0.00780
MW-10	05/17/12	NA	0.48	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/21/13	0.33	0.393	-58.2	940	6.68	23.12	4.48	<0.005	<0.005	9.18	NA	NA	NA
	12/16/13	1.56	1.55	-82.3	897	6.70	20.05	NA	0.00792	<0.005	NA	NA	NA	NA
	02/28/14	0.94	0.777	77.0	1,095	6.65	12.63	3.17	<0.005	<0.005	1.41	NA	NA	NA
	03/27/14	1.00	0.243	-295.5	1,633	6.65	17.85	2.76	<0.005	<0.005	2.60	NA	NA	NA
	04/25/14	0.30	0.164	30.7	2,332	7.17	21.83	2.80	<0.005	<0.005	0.849	NA	NA	NA
	07/08/14	0.26	0.143	67.2	2,088	6.85	24.48	2.43	<0.005	<0.005	0.107	NA	NA	NA
	10/08/14	0.31	0.0512	59.9	1,130	6.52	24.13	1.68	<0.005	<0.005	<0.100	NA	NA	NA
	01/06/15	0.41	0.0104	-12.3	1,150	6.15	17.98	2.50	<0.005	<0.005	0.238	NA	NA	NA
MW-14S	05/18/12	NA	<0.010	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/22/13	3.39	<0.005	0.4	213	6.54	20.95	1.97	<0.005	<0.005	5.23	NA	NA	NA
	12/20/13	5.13	0.0176	123.8	132	6.26	15.30	NA	0.0441	<0.005	NA	NA	NA	NA
	02/27/14	5.95	0.0189	194.4	102	5.94	12.50	NA	<0.005	<0.005	3.71	NA	NA	NA
	03/27/14	5.14	<0.005	185.8	101	5.97	12.73	1.29	<0.005	<0.005	2.94	NA	NA	NA
	04/24/14	5.25	0.00718	-36.3	85	7.62	16.35	1.29	<0.005	<0.005	8.14	NA	NA	NA
	07/09/14	3.49	0.00823	95.6	86	5.81	23.83	<1.0	<0.005	<0.005	5.53	NA	NA	NA
	10/07/14	4.68	0.0304	141.0	59	6.07	16.97	1.52	<0.005	<0.005	51.1	NA	NA	NA
	01/05/15	4.79	0.00551	91.7	63	6.15	14.89	3.84	<0.005	<0.005	21.9	NA	NA	NA

Table 2: Analytical Data for Natural Attenuation Parameters **ADT 2**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Methane	Oxidation reduction potential (ORP)	Conductivity	pH	Temperature	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Barium	Chromium	Lead
	Units	mg/L	mg/L	mV	µs/cm^2	std unit	° C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-14I	05/18/12	NA	<0.010	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/22/13	2.77	<0.005	15.1	219	6.62	22.07	<1.0	<0.005	<0.005	1.23	NA	NA	NA
	12/19/13	5.25	<0.005	127.8	54	6.04	16.24	NA	<0.005	<0.005	NA	NA	NA	NA
	02/27/14	7.25	<0.005	194.1	56	5.87	15.12	<1.0	<0.005	<0.005	64.7	NA	NA	NA
	03/27/14	5.61	<0.005	175.1	52	5.86	13.90	18.5	<0.005	<0.005	1.18	NA	NA	NA
	04/24/14	9.74	<0.005	-65	54	7.26	16.41	5.24	<0.005	<0.005	26.0	NA	NA	NA
	07/09/14	4.16	<0.005	79.6	61	6.23	21.85	<1.0	<0.005	<0.005	16.3	NA	NA	NA
	10/07/14	6.53	<0.005	139.3	42	6.17	16.90	<1.00	<0.005	<0.005	41.1	NA	NA	NA
	01/05/15	6.41	<0.005	87.2	42	5.97	15.10	1.01	<0.005	<0.005	17.1	NA	NA	NA
MW-15S	08/19/13	7.22	NA	170.5	62	5.00	19.41	NA	NA	NA	NA	NA	NA	NA
	12/20/13	6.23	<0.005	132.6	87	6.72	15.83	NA	<0.005	<0.005	NA	NA	NA	NA
	02/26/14	1.01	0.00925	67.0	1,872	4.39	13.61	2,690	<0.005	<0.005	345	NA	NA	NA
	03/26/14	3.42	0.0398	-334.6	1,614	4.64	13.08	1,750	0.00577	0.00835	146	NA	NA	NA
	04/25/14	1.35	0.341	60.6	1,623	6.13	19.42	1,060	0.00529	0.00816	122	NA	NA	NA
	07/10/14	0.24	1.80	-14.7	1,656	5.46	22.36	975	<0.005	0.00582	135	NA	NA	NA
	10/08/14	0.07	0.837	-130.0	1,489	6.59	24.24	64.2	<0.005	<0.005	67.5	NA	NA	NA
	01/06/15	0.87	1.05	-115.9	834	6.60	14.64	23.5	0.00800	0.00687	22.8	NA	NA	NA
MW-15I	08/19/13	2.56	NA	208.6	127	5.64	19.85	NA	NA	NA	NA	NA	NA	NA
	12/17/13	2.60	<0.005	124.1	117	5.65	16.72	NA	<0.005	<0.005	NA	NA	NA	NA
	02/26/14	1.31	<0.005	127.0	262	5.71	13.02	3.16	<0.005	<0.005	1.61	NA	NA	NA
	03/26/14	1.04	<0.005	-258.2	115	5.76	13.69	9.15	<0.005	<0.005	2.14	NA	NA	NA
	04/25/14	1.14	0.0118	92.3	134	5.78	18.36	5.12	<0.005	<0.005	8.33	NA	NA	NA
	07/10/14	0.91	0.0364	99.0	134	5.58	21.52	1.93	<0.005	<0.005	1.43	NA	NA	NA
	10/08/14	1.02	0.00753	72.4	128	5.76	21.45	1.50	<0.005	<0.005	0.377	NA	NA	NA
	01/06/15	1.85	0.0109	-2.4	112	5.93	15.09	2.19	<0.005	<0.005	1.86	NA	NA	NA

Table 2: Analytical Data for Natural Attenuation Parameters **ADT 2**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Methane	Oxidation reduction potential (ORP)	Conductivity	pH	Temperature	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Barium	Chromium	Lead
	Units	mg/L	mg/L	mV	µs/cm^2	std unit	° C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-16S	05/18/12	NA	<0.010	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/21/13	4.40	<0.005	201.0	80	5.74	20.89	1.35	<0.005	<0.005	8.99	NA	NA	NA
	12/19/13	3.89	<0.005	108.0	82	5.96	15.69	NA	<0.005	<0.005	NA	NA	NA	NA
	02/27/14	8.16	<0.005	278.3	87	6.33	14.30	1.14	<0.005	<0.005	107	NA	NA	NA
	03/27/14	6.60	<0.005	207.6	82	6.12	13.85	<1.0	<0.005	<0.005	5.03	NA	NA	NA
	04/23/14	4.25	<0.005	-6.5	86	7.68	18.14	1.15	<0.005	<0.005	2.13	NA	NA	NA
	07/10/14	3.49	<0.005	31.9	83	6.06	21.49	1.60	<0.005	<0.005	3.79	NA	NA	NA
	10/06/14	5.95	<0.005	190.2	81	6.33	18.91	2.57	<0.005	<0.005	35.6	NA	NA	NA
	01/06/15	6.53	<0.005	89.2	42	6.61	14.57	2.15	<0.005	<0.005	91.6	NA	NA	NA
MW-16I	05/18/12	NA	<0.010	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/21/13	4.69	<0.005	194.1	82	5.90	22.31	<1.0	<0.005	<0.005	0.811	NA	NA	NA
	12/19/13	6.64	<0.005	96.2	41	5.80	15.81	NA	<0.005	<0.005	NA	NA	NA	NA
	02/27/14	7.35	<0.005	215.0	52	5.79	14.17	<1.0	<0.005	<0.005	22.5	NA	NA	NA
	03/27/14	6.61	<0.005	182.5	49	5.81	13.60	<1.0	<0.005	<0.005	<0.100	NA	NA	NA
	04/23/14	6.10	<0.005	21.8	52	7.20	16.95	1.24	<0.005	<0.005	2.86	NA	NA	NA
	07/10/14	5.99	<0.005	98.1	51	6.00	19.71	<1.0	<0.005	<0.005	11.9	NA	NA	NA
	10/06/14	6.64	<0.005	173.8	38	5.99	16.54	1.16	<0.005	<0.005	2.88	NA	NA	NA
	01/05/15	6.85	<0.005	86.7	38	6.50	14.55	1.08	<0.005	<0.005	32.4	NA	NA	NA
MW-18	05/18/12	NA	<0.010	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA
	08/19/13	4.92	<0.005	155.5	74	5.38	19.09	1.01	<0.005	<0.005	13.1	NA	NA	NA
	12/17/13	5.76	<0.005	109.8	41	5.59	16.70	NA	<0.005	<0.005	NA	NA	NA	NA
	02/26/14	5.81	<0.005	188.4	50	5.29	14.46	<1.00	<0.005	<0.005	NA	NA	NA	NA
	03/26/14	6.57	<0.005	-258.4	40	5.55	15.12	<1.00	<0.005	<0.005	0.639	NA	NA	NA
	04/24/14	5.19	0.00895	-44.3	51	6.86	18.25	1.81	<0.005	<0.005	1.95	NA	NA	NA
	07/08/14	5.18	0.00596	122.2	43	5.68	22.93	<1.00	<0.005	<0.005	0.815	NA	NA	NA
	10/08/14	4.78	<0.005	81.1	42	5.72	23.38	<1.00	<0.005	<0.005	0.649	NA	NA	NA
	01/06/15	5.23	<0.005	144.3	35	5.20	12.26	<1.00	<0.005	<0.005	0.857	NA	NA	NA

Table 2: Analytical Data for Natural Attenuation Parameters **ADT 2**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Methane	Oxidation reduction potential (ORP)	Conductivity	pH	Temperature	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Barium	Chromium	Lead
	Units	mg/L	mg/L	mV	µs/cm^2	std unit	° C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-21	08/20/13	1.02	<0.005	-183.2	447	6.82	21.32	1.25	<0.005	<0.005	4.44	NA	NA	NA
	12/16/13	1.78	<0.005	13.1	411	6.85	19.63	NA	<0.005	<0.005	NA	NA	NA	NA
	02/26/14	1.57	<0.005	197.0	471	6.55	15.92	1.28	<0.005	<0.005	1.79	NA	NA	NA
	03/27/14	1.29	<0.005	-277.4	394	6.89	15.85	1.14	<0.005	<0.005	1.20	NA	NA	NA
	04/25/14	1.00	0.00516	19.8	475	7.47	20.41	1.38	<0.005	<0.005	0.268	NA	NA	NA
	07/08/14	1.19	0.0731	47.3	497	6.85	24.48	<1.00	<0.005	<0.005	0.535	NA	NA	NA
	10/07/14	1.14	<0.005	84.0	422	6.75	22.43	1.08	<0.005	<0.005	<0.100	NA	NA	NA
	01/06/15	1.09	<0.005	87.0	380	6.67	16.79	1.39	<0.005	<0.005	0.583	NA	NA	NA
MW-22S	08/21/13	0.39	3.61	-57.1	568	6.56	22.78	4.48	0.160	0.0158	9.17	NA	NA	NA
	12/17/13	1.03	2.65	-40.5	302	6.35	15.02	NA	0.293	0.129	NA	NA	NA	NA
	02/28/14	0.75	8.87	-85.0	2,286	6.54	12.09	569	0.0293	<0.005	344	NA	NA	NA
	03/28/14	0.36	6.02	-319.2	1,637	6.63	19.26	59.2	0.0182	<0.005	144	NA	NA	NA
	04/24/14	0.52	5.75	-113.8	1,528	8.45	19.01	22.1	0.0169	<0.005	60.4	NA	NA	NA
	07/10/14	0.26	3.62	-70.6	1,099	6.51	22.95	10.9	0.0183	<0.005	32.2	NA	NA	NA
	10/07/14	0.13	2.95	-90.4	876	6.66	24.4	7.95	0.0185	0.00618	12.5	NA	NA	NA
	01/06/15	0.58	2.25	-112.9	638	6.82	19.73	6.12	0.0170	0.00742	11.5	NA	NA	NA
MW-22I	08/21/13	1.91	0.0318	28.5	218	6.66	22.91	1.72	0.0163	0.0192	0.245	NA	NA	NA
	12/16/13	2.37	0.0295	18.2	169	6.87	18.49	NA	0.00965	0.00937	NA	NA	NA	NA
	02/28/14	0.98	0.0920	99.6	2,438	4.88	10.66	1,610	0.0770	0.0224	284	NA	NA	NA
	03/28/14	0.51	0.0422	-295.8	2,039	4.96	18.60	1,650	0.0348	0.0144	242	NA	NA	NA
	04/24/14	0.76	0.125	-52.9	3,530	7.83	17.90	246	0.120	0.0288	505	NA	NA	NA
	07/10/14	0.43	0.678	-23.2	2,859	5.63	23.13	1500	0.142	0.0508	345	NA	NA	NA
	10/07/14	0.22	1.55	-46.2	2,217	5.78	25.15	300	0.162	0.0629	300	NA	NA	NA
	01/06/15	0.57	2.58	-134.4	1,712	6.33	18.08	700	<0.00500	0.182	236	NA	NA	NA

Table 2: Analytical Data for Natural Attenuation Parameters **ADT 2**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Methane	Oxidation reduction potential (ORP)	Conductivity	pH	Temperature	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Barium	Chromium	Lead
	Units	mg/L	mg/L	mV	µs/cm^2	std unit	° C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-23S	08/19/13	7.40	0.0196	184.4	65	5.87	20.89	1.89	<0.005	<0.005	2.05	NA	NA	NA
	12/17/13	1.41	0.0898	106.8	60	5.77	19.14	NA	<0.005	<0.005	NA	NA	NA	NA
	02/28/14	0.98	0.0545	129.8	1,608	4.63	15.05	861	0.0136	0.0121	173	NA	NA	NA
	03/28/14	1.07	0.0872	-326.3	895	5.46	15.96	476	0.0149	0.0140	157	NA	NA	NA
	04/25/14	0.58	0.103	1.7	593	6.00	16.61	383	0.0138	0.0238	131	NA	NA	NA
	07/10/14	0.41	0.0772	36.7	477	5.32	21.43	162	0.00907	0.0146	48.9	NA	NA	NA
	10/08/14	0.40	0.0489	68.6	1,142	4.98	24.68	237	0.00837	0.0204	75.5	NA	NA	NA
	01/06/15	0.66	0.0951	-58.5	1,650	5.59	17.81	1060	0.0107	0.0408	83.1	NA	NA	NA
MW-23I	08/19/13	8.13	<0.005	188.5	75	6.31	21.69	1.01	<0.005	<0.005	26.0	NA	NA	NA
	12/17/13	7.01	<0.005	127.4	54	5.81	17.69	NA	<0.005	<0.005	NA	NA	NA	NA
	02/28/14	1.03	<0.005	76.7	70	6.20	12.46	2.54	<0.005	<0.005	7.64	NA	NA	NA
	03/28/14	0.59	<0.005	-306.0	106	6.50	15.76	8.25	<0.005	<0.005	2.45	NA	NA	NA
	04/25/14	0.34	<0.005	28.7	72	6.88	17.70	1.72	<0.005	<0.005	7.31	NA	NA	NA
	07/10/14	0.44	<0.005	100.1	55	5.82	21.41	1.03	<0.005	<0.005	10.8	NA	NA	NA
	10/08/14	1.75	<0.005	88.4	103	6.27	22.84	2.27	<0.005	<0.005	0.720	NA	NA	NA
	01/06/15	4.20	<0.005	56.3	43	7.12	15.08	1.06	<0.005	<0.005	6.26	NA	NA	NA

Note: NA denotes not analyzed.

Table 3: Analytical Data for Soil Gas **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				[µg/m^3]				
SV-8S	5	N/A	05/29/09	<6,300	**2,600,000**	<6,300	<8,600	<4,100
		16m	05/16/12	<63	**88,000**	<63	<86	<41
		10m	11/27/12	<7,900	**1,000,000**	<7,900	**12,000**	<5,100
		N/A	01/08/13	<1,600	**1,600,000**	<1,600	<2,100	<1,000
		1h	10/09/13	<4.0	3,400	<4.0	<5.4	<2.6
		1h 20m	12/17/13	<7,900	**5,000,000**	<7,900	<11,000	<5,100
		1h 19m	02/24/14	<7.9	**3,400,000**	<7.9	130	<5.1
		10m	03/24/14	<2,000	**1,500,000**	<2,000	<2,700	<1,300
		6m	04/21/14	<7,900	**2,300,000**	<7,900	<11,000	<5,100
		11m	07/07/14	<16	**2,600,000**	<16	**580**	<10
		10m	10/07/14	<1600	**3,500,000**	<1600	**3400**	<1000
		13m	01/05/15	<4,000	**3,900,000**	<4,000	**24,000**	<2,600
SV-8I	17	9m	11/27/12	<63,000	**9,500,000**	<63,000	<86,000	<41,000
		N/A	01/08/13	<32,000	**39,000,000**	<32,000	<43,000	<20,000
		1h	10/09/13	<16,000	**27,000,000**	<16,000	<21,000	<10,000
		1h 18m	12/17/13	<32,000	**36,000,000**	<32,000	<43,000	<20,000
		1h 20m	02/24/14	180	**30,000,000**	70	**3,900**	120
		18m	03/24/14	<2,000	**12,000,000**	<2,000	**11,000**	<1,300
		1h 26m	04/21/14	<16,000	**9,000,000**	<16,000	**11,000J**	<10,000
		1h 21m	07/07/14	390	**7,400,000**	220	**11,000**	310
		10m	10/07/14	<32,000	**19,000,000**	<32,000	**130,000**	<20,000
		9m	01/05/15	81,000	**29,000,000**	<32,000	**1,400,000**	<20,000
SV-14	5	N/A	07/29/09	<28.94	**227,177**	<28.94	41.92	<18.66
		1 hr 29m	12/18/13	<4.0	**250,000**	<4.0	33	<2.6
		1 hr 12m	02/24/14	<7.9	**200,000**	<7.9	27	<5.1
		10m	03/25/14	<400	**110,000**	<400	<540	<260
		5m	04/22/14	<400	**310,000**	<400	<540	<260
		10m	07/07/14	<16	**290,000**	<16	38	<10
		10m	10/07/14	<160	**310,000**	<160	64 J	<100
		9m	01/05/15	210 J	**450,000**	<400	**5,000**	<260
SV-18	5	N/A	09/10/09	<1.6	**105,000**	<1.6	11.3	<1.0
		N/A	11/17/09	<71.7	**21,435**	<138	<97	<45.2
		6m	05/17/12	<1,600	**2,400,000**	<1,600	<2,100	<1,000
		11m	11/27/12	<63	**57,000**	<63	<86	<41
		N/A	01/08/13	<32	**81,000**	<32	<43	<20
		1h 15m	10/09/13	<4.0	**1,200**	<4.0	<5.4	<2.6
		1h 10m	12/18/13	<4.0	**180,000**	<4.0	4.7J	<2.6
		1h 22m	02/24/14	<7.9	**120,000**	<7.9	3.2J	<5.1
		10m	03/25/14	<4.0	**74,000**	<4.0	6.8	<2.6
		6m	04/21/14	<400	**240,000**	<400	<540	<260
		9m	07/07/14	<16	**180,000**	<16	<21	<10
		10m	10/06/14	<160	**170,000**	<160	<210	<100
		8m	01/05/15	<160	**240,000**	<160	**180 J**	<100

Table 3: Analytical Data for Soil Gas **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				[µg/m^3]				
SV-19	5	N/A	09/10/09	<13.0	**3,910**	<13.0	<17.6	<8.3
		16m	05/16/12	<1.6	**2,100**	<1.6	<2.1	<1.0
		18m	11/27/12	<6.3	**2,100**	<6.3	<8.6	<4.1
		N/A	01/08/13	<1.6	**2,600**	<1.6	<2.1	<1.0
		1h 10m	10/09/13	<4.0	**15,000**	<4.0	<5.4	<2.6
		1h 21m	12/18/13	<4.0	**9,500**	<4.0	<5.4	<2.6
		1h 16m	02/25/14	<7.9	**5,500**	<7.9	<11	<5.1
		10m	03/25/14	<4.0	**3,400**	<4.0	<5.4	<2.6
		5m	04/22/14	<7.9	**6,700**	<7.9	<11	<5.1
		8m	07/07/14	<0.79	**1,500**	<0.79	<1.1	<0.51
		10m	10/06/14	<4.0	**170,000**	<4.0	4.4J	<2.6
		9m	01/06/15	<79	**26,000**	<79	**52 J**	<51
SV-20S	8	N/A	11/17/09	<69.4	**257,085**	<133	<94	<43.7
		19m	05/16/12	<63	**140,000**	<63	<86	<41
		10m	11/27/12	<63	**120,000**	<63	<86	<41
		N/A	01/08/13	<63	**210,000**	<63	**100**	<41
		1h	10/09/13	<4.0	**330,000**	<4.0	6.0	<2.6
		1h 15m	12/18/13	<4.0	**230,000**	<4.0	4.0J	<2.6
		10m	03/25/14	<4.0	**300,000**	<4.0	**23**	<2.6
		5m	04/22/14	<400	**550,000**	<400	<540	<260
		8m	07/07/14	<16	**570,000**	<16	<21	<10
		10m	10/06/14	<79	**450,000**	<79	340.0	<51
		19m	01/06/15	<790	**390,000**	<790	<1,100	<510
SV-20D	20	N/A	11/17/09	<71.7	**786.9**	<138	<97.2	<45.2
		14m	05/16/12	<63	**200,000**	<63	<86	<41
		1h 5m	10/09/13	<4.0	**390,000**	<4.0	**17**	<2.6
		1h 5m	12/18/13	<4.0	**350,000**	<4.0	**14**	<2.6
		1h 15m	02/25/14	<0.79	**150,000**	<0.79	<1.1	<0.51
		8m	03/25/14	<4.0	**170,000**	<4.0	5.2J	<2.6
		6m	04/22/14	<790	**660,000**	<790	<1,100	<510
		8m	07/07/14	<16	**350,000**	<16	**20**	<10
		10m	10/06/14	<400	**490,000**	<400	**1200**	<260
		8m	01/06/15	<790	**570,000**	<790	<1,100	<510
SV-21S	8	N/A	11/17/09	<69.4	**79,364**	<133	<94	<43.7
		14m	05/16/12	<16	**39,000**	<16	<21	<10
		1h 5m	10/09/13	<4.0	**90,000**	<4.0	**13**	<2.6
		1 hr 9m	12/18/13	<4.0	**100,000**	<4.0	**14**	<2.6
		1 hr 15m	02/25/14	<7.9	**64,000**	<7.9	8.2J	<5.1
		19m	03/25/14	<4.0	**61,000**	<4.0	10	<2.6
		9m	04/22/14	<400	**89,000**	<400	<540	<260
		8m	07/07/14	<0.79	**9,400**	<0.79	**19**	<0.51
		10m	10/06/14	<160	**150,000**	<160	**<210**	<100
		9m	01/06/15	<200	**170,000**	<200	**120 J**	<130

Table 3: Analytical Data for Soil Gas **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				[µg/m^3]				
SV-21D	20	N/A	11/17/09	<11.5	**19,468**	<22	<15.6	<7.4
		11m	05/16/12	<63	**140,000**	<63	<86	<41
		1h	10/09/13	<4.0	**180,000**	<4.0	**27**	<2.6
		1h 15m	12/18/13	<4.0	**170,000**	<4.0	**28**	<2.6
		1h 17m	02/25/14	<7.9	**130,000**	<7.9	**22**	<5.1
		12m	03/25/14	<4.0	**150,000**	<4.0	**45**	<2.6
		4m	04/22/14	<400	**350,000**	<400	<540	<260
		9m	07/07/14	<0.79	**5,600**	<0.79	**43**	<0.51
		10m	10/06/14	<16	**210,000**	<16	**30**	<10
		10m	01/06/15	<200	**280,000**	<200	**150 J**	<130
SV-25S	8	10m	05/16/12	<1.6	230	<1.6	<2.1	<1.0
		1h 5m	12/18/13	<0.40	140	<0.40	<0.54	<0.26
		1h 14m	02/25/14	<0.40	140	<0.40	<0.54	<0.26
		30m	03/25/14	<4.0	**4,500**	<4.0	<5.4	<2.6
		1h 32m	04/21/14	<7.9	**4,400**	<7.9	<11	<5.1
		9m	07/07/14	<7.9	**2,000**	<7.9	<11	<5.1
		10m	10/06/14	<4.0	**57,000**	<4.0	1.8J	<2.6
		9m	01/05/15	<79	**49,000**	<79	**140**	<51
SV-25D	20	10m	05/16/12	<1.6	**460**	<1.6	<2.1	<1.0
		1h 5m	12/18/13	<0.40	**530**	<0.40	<0.54	<0.26
		10m	03/25/14	<4.0	**1,200**	<4.0	<5.4	<2.6
		5m	04/21/14	<0.40	**580**	<0.40	<0.54	<0.26
		10m	07/07/14	<7.9	**620**	<7.9	<11	<5.1
		10m	10/06/14	<0.40	**480**	<0.40	<0.54	<0.26
		8m	01/05/15	<0.40	**540**	<0.40	<0.54	<0.26
SV-27S	8	1h 17m	12/07/09	<23.4	**419,604**	<23.4	61.3J	<25.7
		12m	05/16/12	<1.6	**2,200,000**	<1,600	<2,100	<1,000
		1h 10m	10/09/13	<4.0	**2,200,000**	1.5	97	<2.6
		1h 9m	12/17/13	<4.0	**1,600,000**	<4.0	81	<2.6
		1h 3m	02/24/14	<7.9	**2,000,000**	2.5J	150	<5.1
		13m	03/24/14	<2,000	**2,500,000**	<2,000	<2,700	<1,300
		10m	04/21/14	<4,000	**3,400,000**	<4,000	<5,400	<2,600
		13m	07/07/14	19	**1,700,000**	<16	**970**	<10
		10m	10/07/14	30000	**9,800,000**	<1600	**7800**	1600
		9m	01/05/15	<16,000	**4,100,000**	<16,000	<21,000	<10,000
SV-27D	20	1h 16m	12/07/09	<33.9	**294,741**	<33.9	117J	<37.3
		18m	05/16/12	<6,300	**1,000,000**	<6,300	<8,600	<4,100
		1h 5m	10/09/13	<16,000	**9,200,000**	<16,000	<21,000	<10,000
		1h 15m	12/17/13	<7,900	**5,500,000**	<7,900	<11,000	<5,100
		2h 3m	02/24/14	74	**3,800,000**	19	**560**	11
		12m	03/24/14	<2,000	**4,700,000**	<2,000	<2,700	**1,300**
		13m	04/21/14	4,600J	**11,000,000**	<7,900	<11,000	<5,100
		1h 4m	07/07/14	5,500	**1,800,000**	18	**1,500**	640
		10m	10/07/14	<400	**1,300,000**	<400	**540**	<260
		13m	01/05/15	84,000	**8,900,000**	<7,900	**31,000**	**6,200**

Table 3: Analytical Data for Soil Gas **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				[µg/m^3]				
SV-28D	20	2 h 15m	01/07/10	<0.186	12.5	<0.186	0.407	<0.205
		2h 20m	05/16/12	<6.3	**18,000**	<6.3	<8.6	<4.1
		1h 45m	10/09/13	5.5	**77,000**	<4.0	8.2	<2.6
		2h 20m	12/17/13	<4.0	**5,600**	<4.0	<5.4	<2.6
		2h 22m	02/24/14	<0.79	**7,600**	<0.79	1.8	<0.51
		33m	03/24/14	<0.40	**5,600**	<0.40	0.93	<0.26
		57m	04/21/14	<16	**13,000**	<16	<21	<10
		34m	07/07/14	<0.79	**15,000**	<0.79	4.5	<0.51
		10m	10/07/14	<4.0	**19,000**	<4.0	3.0J	<2.6
		34m	01/05/15	<79	**34,000**	<79	410	<51
SV-29S	8	N/A	11/17/09	<69.4	**2,190,984**	<133	<94	<116
		33m	05/17/12	<1,600	**2,200,000**	<1,600	<2,100	<1,000
		10m	11/27/12	<630	**610,000**	<630	<860	<410
		N/A	01/08/13	<630	**810,000**	<630	<860	<410
		1h 25m	10/09/13	<4.0	**1,900,000**	<4.0	**34**	<2.6
		1h 5m	12/18/13	<4.0	**1,500,000**	<4.0	**26**	<2.6
		1h 14m	02/24/14	<7.9	**1,100,000**	<7.9	**31**	<5.1
		10m	03/25/14	2,400	**1,400,000**	3,000	**4,400**	**1,800**
		9m	04/21/14	<4,000	**3,000,000**	<4,000	<5,400	<2,600
		10m	07/07/14	<16	**1,600,000**	<16	**27**	<10
		10m	10/06/14	<400	**1,100,000**	<400	<540	<260
		9m	01/05/15	<1,600	**2,400,000**	<1,600	<2,100	<1,000
SV-29D	20	N/A	11/17/09	<2,220	**1,465,178**	<4,280	<3,003	<3,720
		19m	05/17/12	<6,300	**1,200,000**	<6,300	<8,600	<4,100
		1 hr 5m	12/18/13	<7,900	**11,000,000**	<7,900	<11,000	<5,100
		9m	03/25/14	<400	**4,100,000**	<400	**810**	<260
		5m	04/21/14	<7,900	**13,000,000**	<7,900	<11,000	<5,100
		8m	07/07/14	<7,900	**6,500,000**	<7,900	<11,000	<5,100
		10m	10/06/14	<16,000	**3,000,000**	<16,000	<21,000	<10,000
		9m	01/05/15	<4,000	**2,900,000**	<4,000	**2,900 J**	<2,600
SV-36S	8	50m	01/08/10	<4.35	**470,000**	<4.35	**27.6**	<4.79
		9m	05/17/12	<630	**1,200,000**	<630	<860	<410
		1h 32m	02/24/14	28	**750,000**	13	**170**	<5.1
		10m	03/25/14	43	**1,400,000**	26	**270**	<2.6
		6m	04/21/14	<2,000	**2,700,000**	<2,000	<2,700	<1,300
		10m	07/07/14	35	**1,400,000**	34	**340**	<10
		10m	10/07/14	<400	**840,000**	<400	**270J**	<260
		9m	01/05/15	<1,600	**2,600,000**	<1,600	**1100 J**	<1,000
SV-36D	20	1h	01/08/10	15.9J	**308,000**	14.2J	**75.2J**	<4.83
		18m	05/17/12	<630	**1,000,000**	<630	<860	<410
		9m	03/25/14	<4.0	**1,300,000**	<4.0	**32**	<2.6
		5m	04/21/14	<2,000	**860,000**	<2,000	<2,700	<1,300
		15m	07/07/14	<16	**860,000**	<16	**28**	<10
		10m	10/07/14	33J	**670,000**	<79	**77J**	26J
		15m	01/05/15	<790	**1,100,000**	<790	<1,100	<510

Table 3: Analytical Data for Soil Gas **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				[µg/m^3]				
SV-49S	8	45m	01/07/10	20.1	24.1	1.88J	8.33	121
		17m	05/16/12	<1.6	35	<1.6	4.9	<1.0
		1h 2m	12/17/13	<4.0	2,600	<4.0	3.3J	<2.6
		1h 19m	02/24/14	<2.0	3,000	<2.0	1.5J	<1.3
		9m	03/24/14	<0.40	22	0.19J	0.30J	<0.26
		8m	01/05/15	0.18 J	70	<0.40	0.95	<0.26
SV-49D	14.5	1h 10m	01/07/10	<0.183	0.49	0.196J	<0.377	<0.201
		16m	05/16/12	<1.6	26	<1.6	6.4	<1.0
		1h 7m	12/17/13	0.94	150	<0.40	2.4	<0.26
		1h 18m	02/24/14	0.84	13	<0.40	1.1	<0.26
		8m	03/24/14	<0.40	8.4	<0.40	0.19J	<0.26
		5m	04/22/14	<0.40	28	<0.40	1.6	<0.26
		10m	07/07/14	<0.40	61	<0.40	2.4	<0.26
		10m	10/07/14	0.21J	45	<0.40	1.9	<0.26
		8m	01/05/15	<0.40	170	<0.40	1.6	<0.26
SV-50	7.5	1h 10m	01/07/10	<4.68	9.80	<4.68	<9.65	<5.15
		14m	05/16/12	<63	**4,900**	<63	<86	<41
		1h 2m	12/17/13	<4.0	2,400	<4.0	<5.4	<2.6
		1h 24m	02/24/14	<0.40	170	<0.40	<0.54	<0.26
		10m	03/24/14	<0.40	330	<0.40	<0.54	<0.26
		6m	04/22/14	<7.9	24	<7.9	<11	<5.1
		11m	07/07/14	<16	530	<16	<21	<10
		10m	10/07/14	4.0	21	<4.0	15	<2.6
SV-55S	5	15m	11/27/12	<630	**1,200,000**	<630	<860	<410
		N/A	01/08/13	<1,600	**2,500,000**	<1,600	<4,100	<1,000
		1h 5m	10/09/13	310	**3,800,000**	1.1 J	**890**	1.4 J
		1h 46m	12/18/13	<4,000	**2,700,000**	<4,000	<5,400	<2,600
		7h 3m	02/24/14	<7.9	**140,000**	<7.9	20	<5.1
		9m	03/24/14	<2,000	**850,000**	<2,000	<2,700	<1,300
		10m	04/21/14	<4,000	**1,500,000**	<4,000	<5,400	<2,600
		10m	07/07/14	<16	**1,100,000**	<16	**680**	<10
		10m	10/07/14	<400	**780,000**	<400	**290J**	<260
		10m	01/05/15	<790	**480,000**	<790	**690 J**	<510
SV-55I	17	1h 30m	11/27/12	<6,300	**6,800,000**	<6,300	<8,600	<4,100
		N/A	01/08/13	<6,300	**6,200,000**	<6,300	**9,600**	<4,100
		5h 10m	10/09/13	8.3	**320,000**	1.7 J	33	3.0
		4h 26m	12/18/13	<4.0	**93,000**	<4.0	12	<2.6
		1h 8m	07/07/14	24	**940,000**	<16	**280**	<10
		10m	10/07/14	48J	**340,000**	<79	140	32J
		1h 18m	01/05/15	<400	**600,000**	<400	1,400	<260
DWM Residential Soil Gas Screening Level				NE	250	378	12.6	48.0
DWM Non-Residential Soil Gas Screening Level				NE	3,510	5,200	176	2,800

Table 3: Analytical Data for Soil Gas **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				[µg/m^3]				

Notes:
1. NA = Not Analyzed; NE = Not Established; N/A = Not Available
2. Bold exceeds Division of Waste Management (DWM) Residential Soil Gas Screening Level or DWM Non-Residential Soil Gas Screening Level.
3. Analytical data for the following sample points compared to DWM Non-Residential Soil Gas Screening Levels: SV-8S/I, SV-14, SV-49S/D, SV-50, and SV-55S/I. Remaining data compared to DWM Residential Soil Gas Screening Levels.
4. J flag denotes estimated concentration between laboratory reporting limit and method detection limit.

Table 4: Analytical Data for Indoor Air **ADT 4**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1414 Watts St									
BG-1414	05/07/10		SU	6h	<0.0339	2.11	<0.0339	0.0162J	<0.0129
	05/14/10		P	7d	<0.24	2.1	<0.24	<0.14	<0.38
	03/17/11		P	7d	<0.15	0.36	<0.15	<0.092	<0.24
	11/11/12		SU	3h	<0.079	0.38	<0.079	<0.11	<0.051
1414-South	07/29/09	C	SU	3h	<34	**814**	<34	<45	<22
1414-Chase	03/17/11	C	P	7d	<0.15	31	<0.15	<0.092	<0.24
1414-Front	07/16/09	C	SU	1h	<3.2	**510**	<3.2	<4.3	<2.0
	07/29/09		SU	3h	<32	**692**	<32	<43	<21
	03/15/10		SU	6h	<0.0336	**163**	<95.5	0.0892	<0.0128
	04/09/10		SU	6h	<0.0348	**143**	<0.0348	0.0403J	<0.0132
	05/07/10		SU	6h	<0.0305	**90.4**	0.105	0.0740	<0.0116
	05/14/10		P	7d	<0.24	**89**	<0.24	<0.14	<0.38
	03/17/11		P	7d	<0.15	19	<0.15	<0.091	<0.24
	08/11/11		P	30d	<0.052	**100**	<0.052	<0.031	<0.084
	09/25/11		SU	3h	**1.7**	**55**	0.24	1.3	<0.051
	01/29/12		SU	3h	**0.48**	28	<0.079	0.42	<0.051
	04/22/12		SU	3h	**1.8**	5.4	<0.079	<0.11	<0.051
	11/11/12		SU	3h	<0.079	**320**	<0.079	<0.11	<0.051
	01/13/13		SU	3h	<0.079	**61**	<0.079	<0.11	<0.051
	07/28/13		SU	3h	0.33	**150**	<0.079	<0.11	<0.051
	09/15/13		SU	3h	<0.14	**66**	<0.14	<0.19	<0.090
	12/08/13		SU	3h	<0.14	**120**	<0.14	<0.19	<0.090
	02/23/14		SU	3h	<0.14	**91**	<0.14	<0.19	<0.090
	03/16/14		SU	3h	<0.14	**120**	<0.14	<0.19	<0.090
	04/13/14		SU	2h 45m	<0.14	11	<0.14	0.072J	<0.090
	05/25/14		SU	2h 6m	<0.14	1.9	<0.14	<0.19	<0.090
	06/22/14		SU	3h 10m	<0.14	2.8	<0.14	<0.19	<0.090
	07/22/14		SU	3h	<0.14	2.5	<0.14	<0.19	<0.090
	10/12/14		SU	3h 1m	<0.16	0.98	<0.16	0.082J	<0.10
	01/11/15		SU	3h 6m	<0.14	2.7	<0.14	0.083J	<0.090

Table 4: Analytical Data for Indoor Air **ADT 4**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1414-Rear	07/29/09	C	SU	3h	<35	**841**	<35	<47	<22
	12/28/09		SU	6h	<0.191	**99**	<0.20	<0.395	<0.21
	03/15/10		SU	6h	<0.0345	**181**	<0.0345	0.0870	<0.0131
	04/09/10		SU	6h	<0.0336	**213**	<0.0336	0.0785	<0.0128
	05/07/10		SU	6h	<0.0344	**104**	0.0978	0.0717	<0.0131
	05/14/10		P	7d	<0.24	**120**	<0.24	<0.14	<0.38
	03/17/11		P	7d	<0.15	30	<0.15	<0.092	<0.24
	08/11/11		P	30d	<0.052	**110**	<0.052	<0.031	<0.084
	09/25/11		SU	3h	1.4	**95**	<0.079	0.17	<0.051
	01/29/12		SU	3h	2.6	**81**	<0.079	<0.11	<0.051
	04/22/12		SU	3h	1.2	25	<0.079	<0.11	<0.051
	11/11/12		SU	3h	<0.079	**190**	<0.079	<0.11	<0.051
	01/13/13		SU	3h	<0.079	**180**	<0.079	<0.11	<0.051
	07/28/13		SU	3h	0.29	**240**	<0.079	<0.11	<0.051
	09/15/13		SU	3h	<0.14	**210**	<0.14	0.057 J	<0.090
	12/08/13		SU	3h	<0.14	**280**	<0.14	0.068 J	<0.090
	02/23/14		SU	3h 5m	<0.14	**160**	<0.14	<0.19	<0.090
	03/16/14		SU	3h	<0.14	**180**	<0.14	<0.19	<0.090
	04/13/14		SU	2h 55m	<0.14	**43**	<0.14	<0.19	<0.090
	05/25/14		SU	2h 1m	<0.14	2.2	<0.14	<0.19	<0.090
	06/22/14		SU	3h	<0.14	4.1	<0.14	<0.19	<0.090
	07/22/14		SU	3h	<0.30	3.7	<0.30	<0.40	<0.19
	10/12/14		SU	2h 46m	<0.14	1.2	<0.14	<0.19	<0.090
	01/11/15		SU	3h 18m	<0.16	4.0	<0.16	<0.21	<0.10
1419 Dollar Ave									
1419-SUMP	03/30/10	R	SU	24h	<0.0310	0.581	<0.0310	0.0318J	<0.0142
BG-1419	03/30/10		SU	24h	<0.0332	0.369	<0.0332	0.0198J	<0.0126
	01/07/11		SU	24h	<0.079	1.0	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	<1.2	<1.7	<1.0	<2.7
	03/14/11		P	30d	<0.060 C	0.35	<0.060 C	<0.036	<0.096 C
	04/14/11		P	28d	<0.060 C	0.42	<0.060 C	<0.036	<0.096 C
	12/05/12		P	30d	<0.077 C	1.2	<0.080 C	<0.035	<0.11 C
	02/01/13		P	30d	<0.074 C	0.49	<0.077 C	<0.034	<0.10 C
1419-OUT	06/02/14		P	14d	<0.16 C	1.4	<0.16 C	<0.072	<0.22 C
1419-Side out	07/29/14		P	14d	<0.16 C	0.88	<0.16 C	<0.072	<0.22 C

Table 4: Analytical Data for Indoor Air **ADT 4**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1419-UP	10/15/09	R	SU	24h	<1.1	1.2J	<1.1	<1.5	<0.7
	11/10/09		SU	24h	3.73	**16.3**	<5.15	**7.52**	<1.74
	11/16/09		SU	24h	0.276	**9.15**	<0.04	0.07J	<0.0153
	11/24/09		SU	24h	4.36	**21.69**	<5.15	**5.91**	<1.74
	12/28/09		SU	24h	<0.040	3.13	<0.0749	0.193J	<0.0141
	03/30/10		SU	24h	0.512	2.71	<0.0324	0.0501	<0.0123
	01/07/11		SU	24h	<0.079	4.8	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	5.2	<1.7 C	<1.0	<2.7 C
	03/14/11		P	30d	<0.060 C	3.1	<0.060 C	<0.036	<0.096 C
	04/14/11		P	28d	<0.060 C	4.8	<0.060 C	<0.036	<0.096 C
	10/05/11		P	34d	<0.049 C	5.8	<0.049 C	<0.029	<0.079 C
	02/13/12		P	30d	<0.060 C	6.7	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	<0.079	**17.0**	<0.079	<0.11	<0.051
	05/21/12		P	30d	<0.051 C	5.4	<0.051 C	<0.030	<0.082 C
	12/05/12		P	30d	<0.077 C	6.0	<0.080 C	<0.035	<0.11 C
	02/01/13		P	30d	<0.074 C	4.7	<0.077 C	<0.034	<0.10 C
	10/01/13		P	14d	<0.16 C	5.1	<0.17 C	<0.072	<0.22 C
	12/17/13		P	14d	<0.16 C	5.2	<0.17 C	<0.072	<0.22 C
	02/20/14		SU	24h	<0.14	4.8	<0.14	<0.19	<0.090
	03/06/14		P	14d	<0.12 C	5.7	<0.60 C	**1.4**	<0.077 C
	03/18/14		SU	24h	<0.14	2.2	<0.14	<0.19	<0.090
	04/01/14		P	14d	<0.12	6.5	<0.60	**0.88**	<0.077
	04/15/14		SU	24h	<0.14	**9.6**	<0.14	<0.19	<0.090
	04/29/14		P	14d	<0.12 C	6.2	<0.60 C	**1.2**	<0.077 C
	06/02/14		P	14d	<0.16 C	0.66	<0.16 C	<0.072	<0.22 C
	07/01/14		P	14d	<0.12 C	2.0	<0.60 C	<0.14	<0.077 C
	07/29/14		P	14d	<0.16 C	0.54	<0.16 C	<0.072	<0.22 C
	11/13/14		P	15d	<0.15 C	0.61	<0.15 C	<0.067	<0.20 C
	01/27/15		P	14d	<0.16 C	0.29	<0.16 C	<0.072	<0.22 C

Table 4: Analytical Data for Indoor Air **ADT 4**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1419-DOWN	10/15/09	R	SU	24h	<1.1	6.1	<1.1	<1.5	<0.7
	11/10/09		SU	24h	<55.09	**54.2**	<106.21	**63.39J**	<35.006
	11/16/09		SU	24h	0.165	**8.47**	<0.0346	0.0468J	<0.014
	11/24/09		SU	24h	4.4	**18**	<5.15	**5.9**	<1.74
	12/28/09		SU	24h	<0.03	1.78	<0.030	0.021J	<0.0114
	03/30/10		SU	24h	<0.0347	2.83	<0.0347	0.0219J	<0.0132
	01/07/11		SU	24h	<0.079	5.2	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	5.7	<1.7 C	<1.0	<2.7 C
	03/14/11		P	30d	<0.060 C	6.6	<0.060 C	<0.036	<0.096 C
	04/14/11		P	28d	<0.060 C	**8.6**	<0.060 C	<0.036	<0.096 C
	10/05/11		P	34d	<0.049 C	**12**	<0.049 C	<0.029	<0.079 C
	02/13/12		P	30d	<0.060 C	5.1	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	<0.079	**12**	<0.079	<0.11	<0.051
	05/21/12		P	30d	<0.051 C	**10**	<0.051 C	<0.030	<0.082 C
	12/05/12		P	30d	<0.077 C	7.3	<0.080 C	<0.035	<0.11 C
	02/01/13		P	30d	<0.074 C	6.3	<0.077 C	<0.034	<0.10 C
	10/01/13		P	14d	<0.16 C	6.1	<0.17 C	<0.072	<0.22 C
	12/17/13		P	14d	<0.16 C	6.2	<0.17 C	<0.072	<0.22 C
	02/20/14		SU	24h	<0.14	**9.8**	<0.14	<0.19	<0.090
	03/06/14		P	14d	<0.12 C	7.7	<0.60 C	<0.14	<0.077 C
	03/18/14		SU	24h	<0.14	2.0	<0.14	<0.19	<0.090
	04/01/14		P	14d	<0.12	5.5	<0.60	<0.14	<0.077
	04/15/14		SU	24h	<0.14	**24**	<0.14	<0.19	<0.090
	04/29/14		P	14d	<0.12 C	5.9	<0.60 C	<0.14	<0.077 C
	06/02/14		P	14d	<0.16 C	0.77	<0.16 C	<0.072	<0.22 C
	07/01/14		P	14d	<0.12 C	3.5	<0.60 C	<0.14	<0.077 C
	07/29/14		P	14d	<0.16 C	0.60	<0.16 C	<0.072	<0.22 C
	11/13/14		P	15d	<0.15 C	0.67	<0.15 C	<0.067	<0.20 C
	01/27/15		P	14d	<0.16 C	0.28	<0.16 C	<0.072	<0.22 C

Table 4: Analytical Data for Indoor Air **ADT 4**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1421 Dollar Ave									
BG-1421	03/02/10		SU	24h	<0.0270	0.0626	<0.0270	0.0109J	<0.0103
1421-OUT	06/02/14		P	14d	<0.16 C	1.4	<0.16 C	<0.072	<0.22 C
1421-UP	10/06/09	R	SU	24h	<1.1	4.70	<1.1	<1.5	<1.8653
	11/10/09		SU	24h	<2.93	6.24	<5.55	**8.59**	<1.8653
	11/16/09		SU	24h	0.14	2.23	<0.03	0.045J	<0.01265
	11/24/09		SU	24h	4.76	**10.85**	<5.15	**8.06**	<1.738
	12/28/09		SU	24h	<0.0345	0.64	<0.0345	0.03J	0.01661J
	01/13/10		SU	24h	<0.029	0.98	<0.029	0.0334J	<0.011
	03/02/10		SU	24h	<0.0297	0.564	<0.0297	0.0125J	<0.0113
	06/03/10		SU	24h	<0.0352	1.07	<0.0352	0.0302J	<0.0134
	01/07/11		SU	24h	0.36	2.2	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	2.3	<1.7 C	<1.0	<2.7 C
	04/14/11		P	28d	<0.049 C	3.7	<0.049 C	<0.029	<0.079 C
	02/13/12		P	30d	<0.060 C	1.1	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	0.75	2.5	<0.079	<0.11	<0.051
	05/21/12		P	30d	<0.054 C	1.6	<0.054 C	<0.032	<0.087 C
	12/05/12		P	30d	<0.077 C	6.7	<0.080 C	<0.035	<0.110 C
	02/01/13		P	30d	<0.074 C	2.1	<0.077 C	<0.034	<0.100 C
	09/19/13		P	13.3 d	<0.17 C	7.2	<0.17 C	<0.076	<0.23 C
	12/17/13		P	14 d	<0.16 C	**13**	<0.17 C	<0.072	<0.22 C
	02/25/14		SU	24h	<0.14	1.3	<0.14	<0.19	<0.090
	03/11/14		P	14d	<0.12 C	1.7	<0.60 C	**1.0**	<0.077 C
	03/18/14		SU	24h	<0.14	0.47	<0.14	<0.19	<0.090
	04/01/14		P	14d	<0.12 C	1.1	<0.60 C	**0.98**	<0.60 C
	04/22/14		SU	24h	<0.14	1.9	<0.14	<0.19	<0.090
	05/06/14		P	14d	0.37 C	2.0	<0.60 C	**0.47**	<0.077 C
	06/02/14		P	14d	<0.16 C	1.6	<0.16 C	<0.072	<0.22 C
	07/01/14		P	14d	0.50 C	2.5	<0.56 C	**0.75**	<0.072 C
	07/31/14		P	14d	<0.16 C	1.2	<0.16 C	<0.072	<0.22 C
	10/28/14		P	14d	<0.16 C	**11**	<0.16 C	<0.072	<0.22 C
	01/27/15		P	14d	<0.16 C	0.41	<0.16 C	<0.072	<0.22 C

Table 4: Analytical Data for Indoor Air **ADT 4**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1421-DOWN	10/06/09	R	SU	24h	<21.7	**86.4**	<21.7	**18.9J**	<13.9
	11/10/09		SU	24h	<2.77	**9.5**	<5.15	<3.8	<1.738
	11/16/09		SU	24h	0.07	3.32	<0.03	0.0430J	<0.0128
	11/24/09		SU	24h	3.84	**11.53**	<5.15	**7.0**	<1.738
	12/28/09		SU	24h	<0.033	0.71	<0.033	0.0215J	0.01536J
	01/13/10		SU	24h	<0.0298	1.32	<0.030	0.0327J	<0.01132
	03/02/10		SU	24h	<0.0279	0.927	<0.0279	0.0119J	<0.0106
	06/03/10		SU	24h	<0.0348	2.44	<0.035	0.0184	<0.01324
	01/07/11		SU	24h	0.11	2.9	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	3.5	<1.7	<1.0	<2.7
	04/14/11		P	28d	<0.049 C	7.0	<0.049 C	<0.029	<0.079 C
	02/13/12		P	30d	<0.060 C	1.9	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	0.21	5.6	<0.079	<0.11	<0.051
	05/21/12		P	30d	<0.054 C	4.3	<0.054 C	<0.032	<0.087 C
	12/05/12		P	30d	<0.077 C	**11**	<0.080 C	<0.035	<0.110 C
	02/01/13		P	30d	<0.074 C	3.5	<0.077 C	<0.034	<0.100 C
	09/19/13		P	13.3 d	<0.17 C	**13**	<0.17 C	<0.076	<0.23 C
	12/17/13		P	14 d	<0.16 C	**27**	<0.17 C	<0.072	<0.22 C
	02/25/14		SU	24h	<0.14	1.9	<0.14	<0.19	<0.090
	03/11/14		P	14d	<0.12 C	2.6	<0.60 C	**26**	<0.077 C
	03/18/14		SU	24h	<0.14	0.41	<0.14	<0.19	<0.090
	04/01/14		P	14d	<0.12 C	1.7	<0.60	<0.14 C	<0.077 C
	04/22/14		SU	24h	<0.14	4.8	<0.14	<0.19	<0.090
	05/06/14		P	14d	<0.12 C	2.4	<0.60 C	<0.14	<0.077 C
	06/02/14		P	14d	<0.16 C	3.6	<0.16 C	<0.072	<0.22 C
	07/01/14		P	14d	<0.11 C	3.5	<0.56 C	<0.13	<0.072 C
	07/31/14		P	14d	<0.16 C	1.9	<0.16 C	<0.072	<0.22 C
	10/28/14		P	14d	<0.16 C	**18**	<0.16 C	<0.072	<0.22 C
	01/27/15		P	14d	<0.16 C	0.36	<0.16 C	<0.072	<0.22 C
DWM Residential IASLs					NE	8.34	NE	0.417	1.68
DWM Non-Residential IASLs					NE	35.0	NE	1.75	2.79

Notes:

1. "C" denotes commercial space; "R" denotes residence.
2. "SU" denotes Summa canister. "P" denotes passive sampler.
3. Bold exceeds June 2014 DWM Indoor Air Screening Levels (IASLs) for Target Risk = 1.0E-05. 1414 Watts St samples are compared to Non-Residential IASLs, and 1419 and 1421 Dollar Ave samples are compared to Residential IASLs.
4. NA = Not Analyzed; NE = Not Established
5. J denotes estimated concentration between laboratory reporting limit and method detection limit.
6. Additional vapor mitigation measurese were completed at 1414 Watts St, 1419 Dollar Ave and 1421 Dollar Ave on May 12, 2014.

Table 5: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 5**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-8S	5.0	11/27/12	427	0.1	1.7	20.0
		01/08/13	1,833	0.8	2.2	18.7
		02/07/13	NA	0.1	2.0	19.2
		03/08/13	NA	0.0	2.4	18.8
		04/08/13	465	0.0	2.4	17.7
		05/08/13	473	0.0	4.1	15.7
		06/13/13	360	0.0	5.7	13.7
		07/08/13	349	0.0	5.8	13.4
		08/14/13	427	0.1	5.4	15.6
		09/11/13	423	0.2	4.1	15.1
		10/09/13	313	0.3	3.0	18.0
		11/13/13	385	0.2	3.4	16.2
		12/19/13	390	0.2	3.1	16.1
		01/08/14	492	0.2	3.8	18.4
		02/03/14	50.8	0.1	1.5	19.5
		02/17/14	140	0.0	1.5	18.8
		03/17/14	109	0.0	2.0	18.4
		04/14/14	164	0.0	3.0	16.2
		05/22/14	324	0.0	8.0	8.4
		06/17/14	223	0.0	0.1	20.4
		07/15/14	378	0.0	0.0	20.4
		10/14/14	372	0.0	5.3	16.1
		01/13/15	123	0.0	4.8	15.8
SV-8I	17.0	11/27/12	>9,999	0.0	2.5	18.8
		01/08/13	2222	1.3	2.8	18.3
		02/07/13	NM	0.2	2.2	18.6
		03/08/13	NM	0.1	2.4	17.9
		04/08/13	4,098	0.2	1.8	17.6
		05/08/13	1,720	0.2	3.9	13.3
		06/13/13	248	0.2	1.8	16.5
		07/08/13	305	0.2	2.3	15.9
		08/14/13	165	0.3	2.1	15.6
		09/11/13	3,056	0.2	1.2	11.2
		10/09/13	119	0.5	2.5	15.9
		11/13/13	310	0.3	1.8	12.4
		12/19/13	320	0.4	2.1	13.4
		01/08/14	534	0.2	2.4	19.4
		02/03/14	NM	NM	NM	NM
		02/17/14	317	0.0	3.8	19.1
		03/17/14	265	0.0	4.1	19.5
		04/14/14	92.5	0.0	1.3	20.2
		05/22/14	249	0.3	29.1	0.9
		06/17/14	NM	NM	NM	NM
		07/15/14	282	0	4.8	16.7
		10/14/14	NM	NM	NM	NM
		01/13/15	444	0.2	4.8	15.8

Table 5: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 5**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-14	5.0	05/22/14	220	0.0	5.8	13.3
		06/17/14	68.9	0.0	5.5	14.5
		07/15/14	5120	0.0	9.6	10.3
		10/14/14	58.2	0.0	10.3	8.6
		01/13/15	99.0	0.0	6.5	12.3
SV-18	5.0	11/27/12	22.3	0.0	2.5	19.2
		01/08/13	51.1	0.4	0.0	21.5
		02/07/13	NM	0.0	2.3	18.6
		03/08/13	NM	0.0	4.1	16.9
		04/08/13	2.1	0.0	2.5	18.1
		05/08/13	14.9	0.0	4.9	15.9
		06/13/13	20.7	0.0	4.7	16.2
		08/14/13	26.1	0.1	3.0	18.2
		09/11/13	84.5	0.1	2.9	16.5
		10/09/13	201	0.0	3.5	17.5
		11/13/13	102	0.0	3.1	16.8
		12/19/13	100	0.0	3.2	15.8
		01/08/14	52.5	0.0	3.6	18.5
		02/03/14	25.7	0.2	1.3	20.8
		02/17/14	22.1	0.1	0.9	20.8
		03/17/14	NM	NM	NM	NM
		04/14/14	6.3	0.0	3.0	18.1
		05/23/14	11.5	0.0	5.2	14.8
		06/17/14	26.4	0.0	3.5	17.8
		07/15/14	4.2	0.0	3.5	16.7
		01/13/15	174	0.0	3.3	18.2
SV-19	5.0	11/27/12	2.25	0.0	10.8	11.5
		01/08/13	4.50	0.6	9.1	13.3
		02/07/13	NM	0.0	8.6	13.9
		03/08/13	NM	0.0	8.3	13.5
		04/08/13	1.2	0.0	8.3	13.7
		05/08/13	0.9	0.0	9.1	13.0
		06/13/13	6.2	0.0	9.7	11.7
		08/15/13	4.4	0.0	9.2	12.1
		09/11/13	22.9	0.0	10.1	9.3
		10/09/13	156	0.0	11.9	9.8
		11/13/13	86.4	0.0	9.8	10.4
		12/19/13	92.6	0.0	8.7	13.4
		01/08/14	91.6	0.0	9.8	13.5
		02/03/14	16.4	0.2	3.3	18.8
		02/17/14	19.7	0.0	2.8	19.4
		03/17/14	0.0	0.0	2.8	20.2
		04/14/14	0.0	0.0	2.5	18.5
		05/23/14	552.0	0.0	4.4	16.6
		06/17/14	22.7	0.0	2.3	17.9
		07/15/14	14.6	0.0	9.2	10.7
		10/14/14	27.4	0.0	11.0	9.7
		01/13/15	40.4	0.0	7.1	15.4

Table 5: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 5**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-20S	5.0	11/27/12	75.5	0.0	6.3	16.1
		01/08/13	15.0	1.3	5.0	16.9
		02/07/13	NM	0.1	6.4	15.5
		03/08/13	NM	0.0	5.0	16.0
		04/08/13	47.4	0.0	5.2	15.3
		05/08/13	62.5	0.0	6.3	14.6
		06/13/13	64.0	0.0	7.7	13.1
		08/15/13	61.8	0.0	6.8	13.6
		09/11/13	60.4	0.1	5.1	15.3
		10/09/13	89.7	0.1	7.0	15.3
		11/13/13	78.1	0.0	6.8	14.4
		12/19/13	84.1	0.0	7.2	14.8
		01/08/14	104.0	0.0	7.3	15.5
		02/03/14	20.8	0.2	2.5	19.3
		02/17/14	28.4	0.0	3.4	18.4
		03/17/14	7.6	0.0	4.7	18.8
		04/14/14	13.4	0.0	3.5	17.3
		05/23/14	80.5	0.0	4.3	15.7
		06/17/14	81.4	0.0	5.2	15.8
		07/15/14	42.4	0.0	5.5	15.6
		10/14/14	88.1	0.0	6.8	14.6
		01/13/15	52.5	0.0	3.4	18.0
SV-20D	20.0	01/08/13	11.10	0.4	7.6	15.2
		02/07/13	NM	0.1	6.7	15.6
		03/08/13	NM	0.0	6.8	14.9
		04/08/13	46.8	0.0	6.7	15.2
		05/08/13	61.4	0.0	5.8	15.1
		06/13/13	58.9	0.0	7.1	13.5
		08/15/13	60.1	0.0	6.6	14.1
		09/11/13	93.1	0.1	7.6	12.5
		10/09/13	113	0.1	8.8	13.4
		11/13/13	101	0.0	8.2	12.8
		12/19/13	98.6	0.0	8.6	11.4
		01/08/14	115	0.0	8.6	15.3
		02/03/14	31.9	0.2	1.9	20.1
		02/17/14	34.4	0.0	2.5	19.5
		03/17/14	11.4	0.0	2.7	19.7
		04/14/14	23.9	0.0	3.1	18.3
		05/23/14	65.2	0.0	5.3	14.6
		06/17/14	88.1	0.0	4.8	14.7
		07/15/14	59.2	0.0	6.9	13.0
		10/14/14	122	0.0	7.2	14.1
		01/13/15	89.0	0.0	5.5	16.6
SV-21S	8.0	05/23/14	131	0.0	8.8	10.5
		06/17/14	40.7	0.0	6.6	14.6
		07/15/14	32.6	0.0	7.5	14.2
		10/14/14	43.2	0.0	8.4	13.8
		01/13/15	51.7	0.0	7.6	14.7

Table 5: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 5**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-21D	20.0	05/22/14	98.9	0.0	6.6	13.3
		06/17/14	13.6	0.0	3.4	16.6
		07/15/14	40.8	0.0	8.7	11.7
		10/14/14	61.9	0.0	8.3	12.5
		01/13/15	58.5	0.0	8.7	13.9
SV-25S	8.0	06/17/14	280	0.0	1.5	17.9
		07/15/14	0.0	0.0	4.9	16.1
		10/14/14	2.4	0.0	5.0	17.9
		01/13/15	20.6	0.0	3.2	17.8
SV-25D	20.0	06/17/14	14.1	0.0	3.2	16.6
		07/15/14	0.0	0.0	6.1	13.4
		10/14/14	11.0	0.0	7.8	13.1
		01/13/15	19.2	0.1	5.6	16.4
SV-27S	8.0	05/22/14	250	0.0	5.4	10.9
		06/17/14	157	0.0	1.9	17.5
		07/15/14	445	0.0	5.0	15.5
		10/14/14	441	0.0	3.2	18.1
		01/13/15	203	0.0	3.3	17.4
SV-27D	20.0	06/17/14	254	0.0	0.2	19.9
		07/15/14	130	0.0	0.5	19.4
		10/14/14	1364	0.0	11.5	9.2
		01/13/15	546	0.0	14.2	10.8
SV-28D	20.0	05/22/14	37.2	0.0	8.1	8.0
		06/17/14	0.0	0.0	1.4	18.0
		07/15/14	86.0	0.0	1.2	19.0
		10/14/14	26.7	0.0	3.6	15.8
		01/13/15	30.8	0.0	2.7	17.7
SV-29S	5.0	11/27/12	344	0.0	1.9	19.9
		01/08/13	96.3	0.3	2.0	19.8
		02/07/13	NM	0.1	2.3	18.6
		03/08/13	NM	0.0	2.8	17.6
		04/08/13	235	0.0	2.6	17.2
		05/08/13	151	0.0	3.3	16.7
		06/13/13	197	0.0	3.6	16.2
		08/14/13	317	0.1	3.4	17.7
		09/11/13	268	0.1	2.2	17.6
		10/09/13	356	0.0	3.2	18.0
		11/13/13	294	0.0	2.8	17.8
		12/19/13	264	0.0	3.1	15.4
		01/08/14	475	0.0	3.4	18.8
		02/03/14	266	0.2	1.2	20.6
		02/17/14	104	0.0	1.0	20.6
		03/17/14	56.4	0.0	0.7	20.6
		04/14/14	117	0.0	0.9	19.5
		05/23/14	22.3	0.0	1.9	18.7
		06/17/14	169	0.0	1.4	18.4
		07/15/14	204	0.0	2.9	17.0
		01/13/15	163	0.0	2.8	18.2
SV-29D	20.0	05/23/14	1019	0.0	3.9	14.0
		06/17/14	1365	0.0	2.1	15.5
		07/15/14	2570	0.0	3.1	12.5
		01/13/15	1371	0.0	2.3	18.9

Table 5: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 5**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-36S	8.0	06/17/14	341	0.0	2.9	15.9
		07/15/14	355	0.0	3.5	15.3
		10/14/14	353	0.0	4.4	16.3
		01/13/15	224	0.0	4.2	18.0
SV-36D	20.0	06/17/14	131	0.0	4.2	16.0
		07/15/14	211	0.0	4.5	16.1
		10/14/14	194	0.0	4.2	17.2
		01/13/15	150	0.0	3.6	18.0
SV-49S	8.0	05/22/14	148	0.0	0.5	18.5
		06/17/14	0.0	0.0	0.0	19.9
		07/16/14	17.9	0.0	0.3	20.2
		10/14/14	NM	NM	NM	NM
		01/13/15	125	0.0	7.6	5.0
SV-49D	14.5	05/22/14	97	0.0	1.2	17.4
		06/17/14	0.0	0.0	7.0	4.2
		07/16/14	10.0	0.0	0.0	20.6
		10/14/14	13.2	0.0	9.2	2.9
		01/13/15	80.3	0.1	7.0	5.5
SV-50	7.5	06/17/14	1090	0.0	7.6	7.4
		07/16/14	54.7	0.2	8.7	7.9
		10/14/14	147.0	0.1	11.7	3.2
		01/13/15	NM	NM	NM	NM
SV-55S	5.0	11/27/12	430	0.2	0.2	21.1
		01/08/13	295	4.1	3.0	14.7
		02/07/13	NM	2.1	2.8	14.6
		03/08/13	NM	1.8	3.1	14.0
		04/08/13	311	1.4	3.0	14.3
		05/08/13	290	1.1	3.9	13.3
		06/13/13	295	0.8	4.5	11.8
		07/08/13	258	0.7	4.9	11.1
		08/14/13	133	0.2	1.8	17.8
		09/11/13	229	0.9	5.5	10.6
		10/09/13	501	0.8	5.4	13.6
		11/13/13	444	0.4	4.8	11.1
		12/19/13	421	0.6	4.2	16.2
		01/08/14	191	0.6	5.2	14.0
		02/03/14	58.3	0.4	3.6	18.1
		02/17/14	NM	NM	NM	NM
		03/17/14	7.3	0.3	1.4	19
		04/14/14	57.3	0.0	2.3	17.1
		05/22/14	176	0.1	5.3	11.3
		06/17/14	23.9	0.0	0.9	19.4
		07/15/14	102	0.0	0	20.1
		10/14/14	114	0.0	4.1	14.8
		01/13/15	71	0.0	3.2	16.5

Table 5: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 5**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-55I	17.0	11/27/12	12	4.1	0.6	12.4
		01/08/13	442	3.6	2.0	12.1
		02/07/13	NM	1.4	2.9	14.8
		03/08/13	NM	1.6	3.5	14.6
		04/08/13	NM	NM	NM	NM
		05/08/13	NM	1.6	2.7	10.7
		06/13/13	86.5	1.5	1.6	11.0
		07/08/13	NM	1.5	2.1	10.6
		08/14/13	26.7	0.3	0.2	16.5
		09/11/13	31.3	0.3	1.9	15.4
		10/09/13	4.9	0.1	0.0	21.2
		11/13/13	17.4	0.2	1.0	16.5
		12/19/13	19.4	0.4	1.0	18.1
		01/08/14	127	0.7	3.2	16.9
		02/03/14	NM	NM	NM	NM
		02/17/14	NM	NM	NM	NM
		03/17/14	NM	NM	NM	NM
		04/14/14	NM	NM	NM	NM
		05/22/14	NM	NM	NM	NM
		06/17/14	NM	NM	NM	NM
		07/15/14	0.0	0.0	0.0	20.1
		10/14/14	116.0	0.0	1.0	19.3
		01/13/15	106	0.0	3.0	19.2
Vent Exhaust Pipe		11/27/12	38.0	12.5	11.1	9.7
		01/08/13	173	11.0	9.3	10.6
		02/07/13	NM	17.3	15.9	1.5
		03/08/13	NM	16.4	15.0	1.7
		04/08/13	6.5	12.6	11.7	4.9
		05/08/13	10.8	15.0	14.4	1.9
		06/13/13	9.6	14.9	13.4	0.7
		07/08/13	9.6	14.5	13.0	0.8
		08/14/13	17.7	15.2	14.5	1.7
		09/11/13	14.7	15.7	13.4	1.5
		10/09/13	16.0	13.8	10.4	6.7
		11/13/13	15.8	12.9	11.1	4.4
		12/19/13	12.8	10.9	10.0	3.8
		01/08/14	9.2	8.7	12.0	5.1
		02/03/14	7.5	0.2	0.0	21.9
		02/17/14	30.7	23.2	16.2	6.1
		03/17/14	0.0	0.0	0.0	21.6
		04/14/14	0.0	6.4	6.1	13.2
		05/22/14	287.0	4.2	4.3	14.1
		06/17/14	580	4.6	4.6	14.1
		07/15/14	70	0.0	0.0	20.0
		10/14/14	6.0	11.9	12.7	2.2
		01/13/15	7.7	0.0	0.1	21.6

Table 5: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 5**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SSD System Triangle Family Church 1414 Watts Street		11/27/12	2.4	0.1	0.0	21.0
		01/08/13	159	1.0	0.0	21.1
		02/07/13	NM	0.2	0.0	21.4
		03/08/13	NM	0.0	0.0	20.8
		04/08/13	0.0	0.0	0.0	20.8
		05/08/13	0.0	0.0	0.0	20.6
		06/13/13	0.0	0.0	0.0	20.4
		07/08/13	0.0	0.0	0.0	20.5
		08/14/13	4.4	0.1	0.0	20.5
		09/18/13	0.5	0.1	0.0	20.2
		10/09/13	6.1	0.1	0.1	21.1
		11/13/13	4.6	0.0	0.0	20.8
		12/19/13	5.2	0.0	0.0	21.4
		01/08/14	NM	NM	NM	NM
		02/03/14	NM	NM	NM	NM
		02/19/14	0.0	0.0	0.1	21.1
		03/17/14	0.0	0.0	0.0	21.4
		04/14/14	0.0	0.0	0.0	20.8
		05/22/14	NM	NM	NM	NM
		06/17/14	0.0/0.0	0.0/0.0	0.0/0.0	20.6/20.9
		07/15/14	29.2/23.5	0.0/0.0	0.0/0.0	20.2/20.1
		10/14/14	0.0/0.0	0.0/0.0	0.0/0.0	20.9/20.9
		01/13/15	NM	NM	NM	NM
Indoor Air Triangle Family Church 1414 Watts Street		11/27/12	0.0	0.0	0.0	21.0
		01/08/13	0.0	0.0	0.0	20.9
		02/07/13	NM	0.0	0.0	20.8
		03/08/13	NM	0.0	0.0	21.0
		04/08/13	0.0	0.0	0.0	20.9
		05/08/13	0.0	0.0	0.0	20.5
		06/13/13	0.0	0.0	0.0	20.5
		07/08/13	0.0	0.0	0.0	20.5
		08/14/13	0.0	0.1	0.0	20.6
		09/18/13	0.0	0.0	0.0	20.3
		10/09/13	0.0	0.1	0.0	21.2
		11/13/13	0.0	0.0	0.0	20.8
		12/19/13	0.0	0.0	0.0	21.2
		01/08/14	NM	NM	NM	NM
		02/03/14	NM	NM	NM	NM
		02/17/14	0.0	0.0	0.1	21.1
		03/17/14	0.0	0.0	0.0	21.6
		04/14/14	NM	NM	NM	NM
		05/22/14	0.0	0.0	0.0	20.6
		06/17/14	0.0	0.0	0.0	20.9
		07/16/14	0.0	0.0	0.0	20.6
		10/14/14	0.0	0.0	0.0	20.9
		01/13/15	0.0	0.0	0.0	21.2

Table 5: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 5**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
Ambient, Outdoor Air (near excavation area on subject site)		11/27/12	0.0	0.0	0.0	20.9
		01/08/13	0.0	0.0	0.0	20.9
		02/07/13	NM	0.0	0.0	21.5
		03/08/13	NM	0.0	0.0	20.9
		04/08/13	0.0	0.0	0.0	20.9
		05/08/13	0.0	0.0	0.0	20.4
		06/13/13	0.0	0.0	0.0	20.4
		07/08/13	0.0	0.0	0.0	20.4
		08/14/13	0.0	0.0	0.0	20.6
		09/11/13	0.0	0.0	0.0	20.3
		10/09/13	0.0	0.3	0.0	21.3
		11/13/13	0.0	0.0	0.0	22.1
		12/19/13	0.0	0.0	0.0	22.4
		01/08/14	0.0	0.2	0.2	20.6
		02/03/14	0.5	0.1	0.0	21.3
		02/17/14	0.0	0.0	0.1	21.3
		03/17/14	0.0	0.0	0.0	21.3
		04/14/14	0.0	0.0	0.0	21.2
		05/22/14	0.0	0.0	0.0	20.9
		06/17/14	0.0	0.0	0.0	20.9
		07/16/14	0.0	0.0	0.0	20.7
		10/14/14	0.0	0.0	0.0	20.9
		01/13/15	0.0	0.0	0.0	20.8

Notes:
1. VOC concentrations measured using a photoionization detector (PID)
2. Methane, carbon dioxide, and oxygen concentrations measured using GEM 2000 multi-gas meter.
3. NM denotes not measured; NA denotes not available.
4. New sub-slab depressurization (SSD) systems were installed at the Triangle Family Church in May 2014. Subsequent readings are reported for the front fan/rear fan.
5. SV-55I reinstalled on 6/27/14.

FIGURES

FORMER ONE HOUR
MARTINIZING FACILITY

RESIDENCE
(1423/1425 DOLLAR)

RESIDENCE
(1421 DOLLAR)

RESIDENCE
(1419 DOLLAR)

RESIDENCE
(1417 DOLLAR)

TRIANGLE FAMILY CHURCH
(1414 WATTS)

MW-4R
MW-4I
MW-22I
MW-22S
MW-14I
MW-14S
MW-21
MW-23S
MW-23I
MW-16I
MW-16S
MW-15I
MW-15S
MW-19
MW-6
MW-18
MW-17I
MW-17S

IP-1S
IP-2S
IP-3S
IP-4S
IP-5S
IP-6S
IP-7S
IP-8S
IP-9S
IP-10S
IP-11S
IP-12S
IP-13S
IP-14S
IP-15S
IP-16S
IP-17S
IP-18S
IP-19S
IP-20S
IP-21S
IP-22S
IP-23S
IP-24S
IP-25S
IP-26S
IP-27S
IP-28S
IP-29S
IP-30S

LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY PARCEL LINE
- TYPE II MONITORING WELL
- INJECTION POINT
- EXCAVATION AREA

N

APPROXIMATE
0 20 40
SCALE IN FEET

TITLE

SHALLOW INJECTION POINT LOCATION MAP

PROJECT

ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
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704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 03/12/15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE. 1A

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TITLE

INTERMEDIATE INJECTION POINT
LOCATION MAP

PROJECT

ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, NORTH CAROLINA

hart hickman
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DATE: 03/12/15	REVISION NO. 0
JOB NO. DS0-84	FIGURE. 1B

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

0.0007

0.007

0.07

0.7

MW-3R
0.00235

MW-3I

MW-10
<0.001

RESTAURANT (1129 W. CLUB)

MW-4R
6.28

MW-4I

RESIDENCE (1423/1425 DOLLAR)

MW-22I

MW-22S
0.00227

MW-23S
4.30

MW-23I

MW-14S/I
0.0606

RESIDENCE (1421 DOLLAR)

MW-7
NS

MW-21
<0.001

TRIANGLE FAMILY CHURCH (1414 WATTS)

RESIDENCE (1419 DOLLAR)

MW-16S/I
0.291

MW-15S/I
0.194

MW-19
NS

WATTS STREET

RESIDENCE (1417 DOLLAR)

MW-17S/I
NS

MW-6
NS

MW-18
0.991

DOLLAR AVENUE

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

MW-8
NS

LEGEND

- SITE PROPERTY BOUNDARY
- PROPERTY PARCEL
- TYPE II MONITORING WELL
- 0.0606 PCE CONCENTRATION IN mg/L
- 0.07 PCE ISOCONTOUR LINE IN mg/L (DASHED WHERE INFERRED)
- EXCAVATION AREA
- PCE CONCENTRATION >0.0007 AND <0.007
- PCE CONCENTRATION >0.007 AND <0.07
- PCE CONCENTRATION >0.07 AND <0.7
- PCE CONCENTRATION >0.7 AND <7.0

NOTES:
1. SAMPLES WERE COLLECTED ON 1/5/15 - 1/16/15.
2. NS = NOT SAMPLED

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE: **POST-INJECTION SHALLOW GROUNDWATER PCE ISOCONCENTRATION MAP (JANUARY 2015)**

PROJECT: **ONE HOUR MARTINIZING**
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
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704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 3-12-15	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 2A

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W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

MW-10

RESTAURANT (1129 W. CLUB)

MW-3R

MW-3I
0.283

MW-4R

MW-4I
0.0325

0.7

MW-22I
2.02

MW-22S

MW-23S

MW-23I
0.171

MW-21

MW-14S/I
<0.001

MW-7

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1419 DOLLAR)

TRIANGLE FAMILY CHURCH (1414 WATTS)

MW-16S/I
<0.001

MW-15S/I
0.00351

MW-19

MW-6

MW-18

RESIDENCE (1417 DOLLAR)

MW-17S/I

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

MW-8

WATTS STREET

DOLLAR AVENUE

0.0007

0.007

0.07

LEGEND

- SITE PROPERTY BOUNDARY
- PROPERTY PARCEL
- TYPE II MONITORING WELL
- 0.00351 PCE CONCENTRATION IN mg/L
- 0.07 PCE ISOCONTOUR LINE IN mg/L (DASHED WHERE INFERRED)
- EXCAVATION AREA
- PCE CONCENTRATION >000.7 AND <0.007
- PCE CONCENTRATION >0.007 AND <0.07
- PCE CONCENTRATION >0.07 AND <0.7
- PCE CONCENTRATION >0.7 AND <7.0

NOTES:
1. SAMPLES WERE COLLECTED ON 04/23/14 - 04/25/14.
2. NS = NOT SAMPLED

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
POST-INJECTION INTERMEDIATE GROUNDWATER PCE ISOCONCENTRATION MAP (JANUARY 2015)

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
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704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 3-12-15	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 2B

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W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

MW-10 <0.001

RESTAURANT (1129 W. CLUB)

MW-3I

MW-3R 0.00711

MW-4I

MW-4R 0.907

MW-22S 0.00537

MW-22I

MW-21 <0.001

MW-23S 92.4

MW-23I

MW-14S/I 0.0312

MW-7 NS

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

TRIANGLE FAMILY CHURCH (1414 WATTS)

MW-16S/I 0.112

RESIDENCE (1419 DOLLAR)

MW-15S/I 13.1

MW-19 NS

RESIDENCE (1417 DOLLAR)

MW-17I

MW-17S NS

MW-6 NS

MW-18 1.18

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

MW-8 NS

WATTS STREET

DOLLAR AVENUE

0.0007

0.007

0.07

0.7

7

LEGEND

- SITE PROPERTY BOUNDARY
- PROPERTY PARCEL
- TYPE II MONITORING WELL
- 0.907 PCE CONCENTRATION IN mg/L
- 0.07 PCE ISOCONTOUR LINE IN mg/L (DASHED WHERE INFERRED)
- EXCAVATION AREA
- PCE CONCENTRATION >000.7 AND <0.007
- PCE CONCENTRATION >0.007 AND <0.07
- PCE CONCENTRATION >0.07 AND <0.7
- PCE CONCENTRATION >0.7 AND <7.0
- PCE CONCENTRATION >7.0

NOTES:
1. SAMPLES WERE COLLECTED ON 12/16/13 - 12/20/13.
2. NS = NOT SAMPLED

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE: **PRE-INJECTION SHALLOW GROUNDWATER PCE ISOCONCENTRATION MAP (DECEMBER 2013)**

PROJECT: **ONE HOUR MARTINIZING**
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
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License # C-1269 / #C-245 Geology

DATE: 03/12/15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 2C

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W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

WATTS STREET

DOLLAR AVENUE

MW-10

RESTAURANT (1129 W. CLUB)

MW-3R

MW-3I
0.275

MW-4R

MW-4I
0.0271

MW-22S

MW-22I
7.0

MW-23S

MW-23I
0.659

MW-21

MW-14S/I
0.00133

MW-7

MW-16S/I
<0.001

MW-15S/I
0.00420

MW-19

MW-6

MW-18

MW-17I
NS

MW-17S

MW-8

TRIANGLE FAMILY CHURCH (1414 WATTS)

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1419 DOLLAR)

RESIDENCE (1417 DOLLAR)

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

0.0007

0.007

0.07

0.7

7.0

LEGEND

- SITE PROPERTY BOUNDARY
- PROPERTY PARCEL
- TYPE II MONITORING WELL
- 0.907 PCE CONCENTRATION IN mg/L
- 0.07 PCE ISOCONTOUR LINE IN mg/L (DASHED WHERE INFERRED)
- EXCAVATION AREA
- PCE CONCENTRATION >000.7 AND <0.007
- PCE CONCENTRATION >0.007 AND <0.07
- PCE CONCENTRATION >0.07 AND <0.7
- PCE CONCENTRATION >0.7 AND <7.0
- PCE CONCENTRATION >7.0

NOTES:
1. SAMPLES WERE COLLECTED ON 12/16/13 - 12/20/13.
2. NS = NOT SAMPLED

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
PRE-INJECTION INTERMEDIATE GROUNDWATER PCE ISOCONCENTRATION MAP (DECEMBER 2013)

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
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DATE: 03/12/15	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 2D

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W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

SV-14	
PCE	**250,000**
TCE	**33**

SV-8S	
PCE	**5,000,000**

SV-8I	
PCE	36,000,000

	SV-21S	SV-21D
PCE	**100,000**	**170,000**
TCE	**14**	**28**

SV-50	
PCE	2,400

SV-50

RESTAURANT (1129 W. CLUB)

SV-11

SV-14

SV-17

SV-16

SV-15

SV-42S

SV-43S

RESIDENCE (1423/1425 DOLLAR)

SV-19	
PCE	**9,500**

SV-21S/D

SV-22

SV-22

SV-25S/D

SV-19

	SV-25S	SV-25D
PCE	140	**530**

RESIDENCE (1421 DOLLAR)

SV-20S/D

	SV-20S	SV-20D
PCE	**230,000**	**350,000**
TCE	4.0 J	**14**

SV-49S/D

SV-55S/I

SV-8S

SV-8I

	SV-29S	SV-29D
PCE	**1,500,000**	**11,000,000**
TCE	**26**	<11,000

SV-26S/D

SV-29S/D

SV-18

SV-18	
PCE	**180,000**
TCE	4.7 J

RESIDENCE (1419 DOLLAR)

	SV-55S	SV-55I
PCE	**2,700,000**	**93,000**
TCE	<5,400	12

TRIANGLE FAMILY CHURCH (1414 WATTS)

SV-27S/D

	SV-49S	SV-49D
PCE	2,600	150
TCE	3.3 J	2.4
cDCE	<4.0	0.94

WATTS STREET

SV-28D

SV-28D	
PCE	**5,600**

SV-30S

SV-33

SV-32

SV-36S

SV-35S

RESIDENCE (1417 DOLLAR)

SV-34S

DOLLAR AVENUE

	SV-27S	SV-27D
PCE	**1,600,000**	**5,500,000**
TCE	**81**	<11,000

RESIDENCE (1413 DOLLAR)

LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY PARCEL
- SOIL GAS MONITORING POINT

SV-14	
PCE	**250,000**
TCE	**33**

SAMPLE IDENTIFICATION

CONCENTRATION (µg/m³)

CONSTITUENT

NOTES:
1. J. DENOTES ESTIMATED CONCENTRATION BETWEEN LABORATORY REPORTING LIMIT AND METHOD DETECTION LIMIT.
2. BOLD EXCEEDS DWM SOIL GAS SCREENING LEVEL (SGSL). SV-8S/I AND SV-55S/I COMPARED TO NON-RESIDENTIAL SGSLs. OTHER SAMPLES COMPARED TO RESIDENTIAL SGSLs.
3. SOIL GAS SAMPLES WERE COLLECTED ON 12/17/13 AND 12/18/13.

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
PRE-INJECTION SOIL GAS CONTAMINANT CONCENTRATION MAP (DECEMBER 2013)

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
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DATE: 2-11-15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 3A

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

WATTS STREET

DOLLAR AVENUE

SV-8I	
PCE	**29,000,000**
TCE	**1,400,000**

SV-8S	
PCE	**3,900,000**
TCE	**24,000**

SV-14	
PCE	**450,000**
TCE	**5,000**

	SV-21S	SV-21D
PCE	**170,000**	**280,000**
TCE	**120 J**	**150 J**

	SV-24S	SV-24D
PCE	**1,100**	**15,000**

SV-19	
PCE	**26,000**
TCE	**52 J**

	SV-25S	SV-25D
PCE	**49,000**	**540**
TCE	**140**	<0.54

	SV-20S	SV-20D
PCE	**390,000**	**570,000**

SV-50	
NS	

	SV-55S	SV-55I
PCE	**480,000**	**600,000**
TCE	**690 J**	**1,400**

	SV-49S	SV-49D
PCE	70	170
TCE	0.95	1.6

SV-28D	
PCE	**34,000**
TCE	**410**

	SV-27S	SV-27D
PCE	**4,100,000**	**8,900,000**
TCE	<21,000	**31,000**

	SV-29S	SV-29D
PCE	**2,400,000**	**2,900,000**
TCE	<2,100	**2,900 J**

	SV-36S	SV-36D
PCE	**2,600,000**	**1,100,000**
TCE	**1,100 J**	<1,100

	SV-35S	SV-35D
PCE	**140,000**	**99,000**
TCE	9.0	9.9

SV-18	
PCE	**240,000**
TCE	**180 J**

RESTAURANT (1129 W. CLUB)

TRIANGLE FAMILY CHURCH (1414 WATTS)

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1419 DOLLAR)

RESIDENCE (1417 DOLLAR)

RESIDENCE (1411 DOLLAR)

SV-50 SV-11 SV-14 SV-17 SV-16 SV-15 SV-8I SV-8S SV-55S/I SV-49S/D SV-48S/D SV-47S/D SV-51S/D SV-28D SV-27S/D SV-29S/D SV-18 SV-30S SV-33 SV-32 SV-36S/D SV-35S/D SV-34S SV-37S/D SV-38S/D SV-44S/D SV-43S SV-42S SV-22 SV-24S/D SV-21S/D SV-19 SV-25S/D SV-20S/D SV-23 SV-31 SV-26S/D

LEGEND

SOURCE PROPERTY BOUNDARY

PROPERTY PARCEL

SOIL GAS MONITORING POINT

SV-19 / PCE 26,000 — SAMPLE IDENTIFICATION / CONCENTRATION (µg/m³) / CONSTITUENT

NOTES:
1. BOLD EXCEEDS DWM SOIL GAS SCREENING LEVEL (SGSL). SV-8S/I AND SV-55S/I COMPARED TO NON-RESIDENTIAL SGSLs. OTHER SAMPLES COMPARED TO RESIDENTIAL SGSLs.
2. SOIL GAS SAMPLES WERE COLLECTED ON 04/21/14 AND 04/22/14.
3. J DENOTES ESTIMATED CONCENTRATION BETWEEN LABORATORY REPORTING LIMIT AND METHOD DETECTION LIMIT.
4. NS DENOTES NOT SAMPLED.
5. ONLY DETECTED PCE AND TCE CONCENTRATIONS ARE SHOWN ON FIGURE.

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
POST-INJECTION SOIL GAS CONTAMINANT CONCENTRATION MAP (JANUARY 2015)

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 2-11-15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 3B

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

WATTS STREET

DOLLAR AVENUE

SV-50

SV-11

SV-14
450,000

SV-17

SV-16

SV-15

SV-8

SV-8S
3,900,000

SV-55S/I
480,000

SV-29S/D
2,400,000

SV-27S/D
4,100,000

SV-30S

SV-28D

SV-36S/D
2,600,000

SV-35S
140,000

SV-37S/D

SV-43S

SV-42S

SV-22

SV-24

SV-21S/D
170,000

SV-19
26,000

SV-25S/D
49,000

SV-20S/D
390,000

SV-23

SV-31

SV-26S/D

SV-18
240,000

SV-33

SV-32

SV-34S

SV-41S/D

SV-40

SV-39

SV-38S/D

SV-49S/D
70

SV-48S/D

SV-47S/D

SV-46

SV-51S/D

SV-44S/D

RESTAURANT (1129 W. CLUB)

TRIANGLE FAMILY CHURCH (1414 WATTS)

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1419 DOLLAR)

RESIDENCE (1417 DOLLAR)

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

100,000

10,000

1,000

1,000,000

?

LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY PARCEL
- SOIL GAS MONITORING POINT
- 49,000 PCE ISOCONCENTRATION (µg/m³)
- —1,000— PCE ISOCONTOUR LINE (DASHED WHERE INFERRED)
- PCE CONCENTRATION >1,000 AND <10,000
- PCE CONCENTRATION >10,000 AND <100,000
- PCE CONCENTRATION >100,000 AND <1,000,000
- PCE CONCENTRATION >1,000,000 AND <10,000,000

NOTE:
1. SOIL GAS SAMPLES WERE COLLECTED ON 1/5/15 AND 1/6/15.

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
SHALLOW POST-INJECTION SOIL GAS PCE ISOCONCENTRATION MAP (JANUARY 2015)

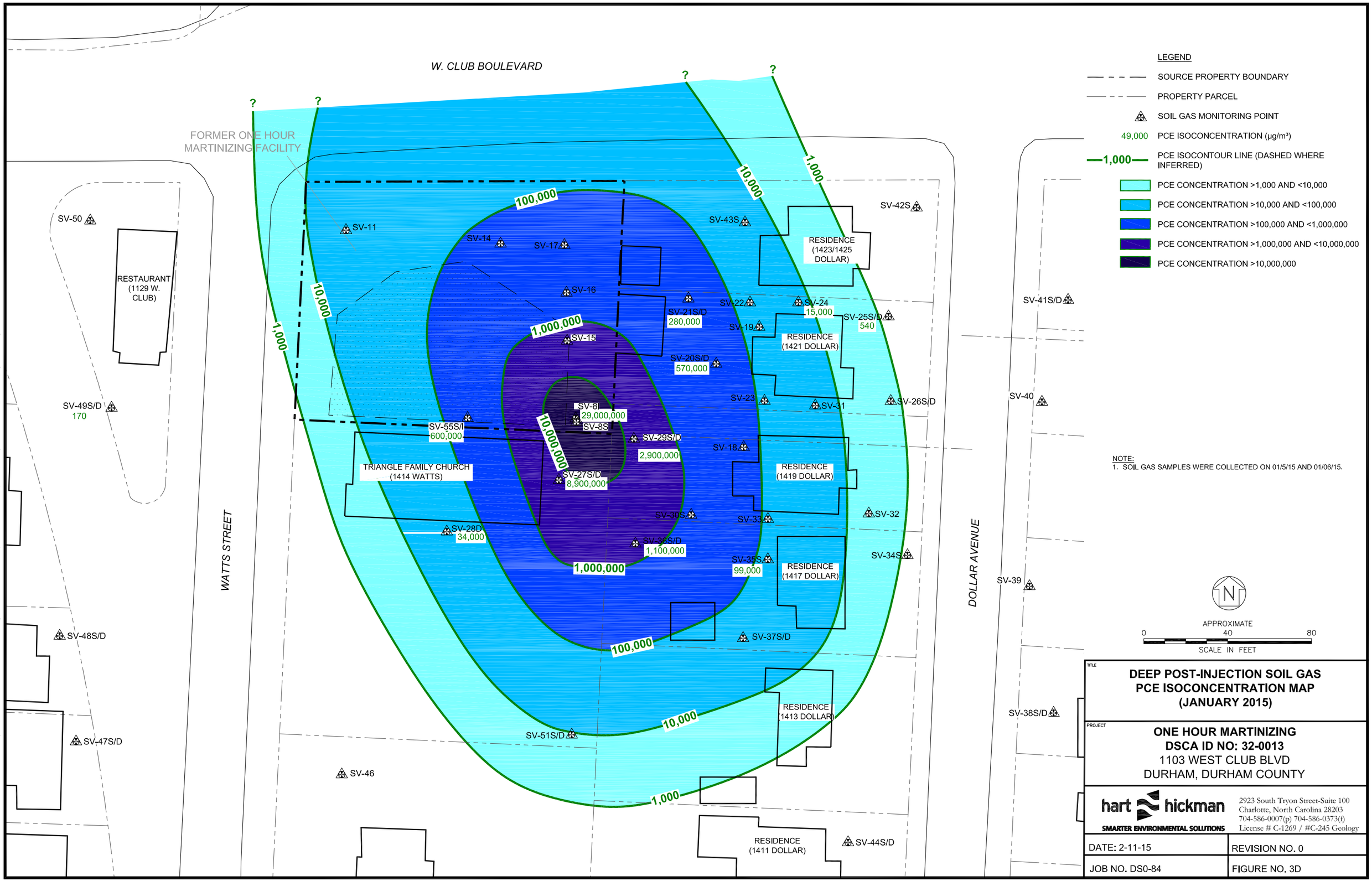
PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 2-11-15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 3C

\\hhf601.harthickman.local\masterfiles\AAA-Master Projects\DSCA - DS0\DS0-84 One Hr Martinizing (former BB&T)\Website Updates\2015 Website Updates\January 2015\DC\320013_20150211_Figure3C-F.dwg



TITLE

DEEP POST-INJECTION SOIL GAS PCE ISOCONCENTRATION MAP (JANUARY 2015)

PROJECT

ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 2-11-15	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 3D

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

WATTS STREET

DOLLAR AVENUE

SV-50 2,400

SV-49S/D 2,600

SV-48S/D

SV-47S/D

SV-46

SV-11

SV-14 250,000

SV-17

SV-16

SV-15

SV-8

SV-8S 5,000,000

SV-55S/I 2,700,000

SV-27S/D 1,600,000

SV-28D

SV-30S

SV-36S/D

SV-51S/D

SV-43S

SV-42S

SV-21S/D 100,000

SV-22

SV-24

SV-19 9,500

SV-25S/D 140

SV-20S/D 230,000

SV-23

SV-31

SV-26S/D

SV-29S/D 1,500,000

SV-18 180,000

SV-33

SV-32

SV-35S

SV-34S

SV-37S/D

SV-44S/D

SV-41S/D

SV-40

SV-39

SV-38S/D

RESTAURANT (1129 W. CLUB)

TRIANGLE FAMILY CHURCH (1414 WATTS)

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1419 DOLLAR)

RESIDENCE (1417 DOLLAR)

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

100,000

1,000,000

10,000

1,000

?

LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY PARCEL
- SOIL GAS MONITORING POINT
- 49,000 PCE ISOCONCENTRATION (µg/m³)
- 1,000 PCE ISOCONTOUR LINE (DASHED WHERE INFERRED)
- PCE CONCENTRATION >1,000 AND <10,000
- PCE CONCENTRATION >10,000 AND <100,000
- PCE CONCENTRATION >100,000 AND <1,000,000
- PCE CONCENTRATION >1,000,000

NOTE:
1. SOIL GAS SAMPLES WERE COLLECTED ON 12/17/13 AND 12/18/13.

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
SHALLOW PRE-INJECTION SOIL GAS PCE ISOCONCENTRATION MAP (DECEMBER 2013)

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 2-11-15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 3E

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

WATTS STREET

DOLLAR AVENUE

SV-50

RESTAURANT (1129 W. CLUB)

SV-49S/D 150

SV-48S/D

SV-47S/D

SV-11

SV-14

SV-17

SV-16

SV-15

SV-8I 36,000,000

SV-8S

SV-55S/I 93,000

SV-28D

TRIANGLE FAMILY CHURCH (1414 WATTS)

SV-46

SV-51S/D

SV-27S/D 5,500,000

SV-29S/D 11,000,000

SV-30S

SV-36S/D

SV-21S/D 170,000

SV-20S/D 350,000

SV-43S

SV-42S

RESIDENCE (1423/1425 DOLLAR)

SV-22

SV-24

SV-25S/D 530

SV-19

RESIDENCE (1421 DOLLAR)

SV-23

SV-31

SV-26S/D

SV-18

RESIDENCE (1419 DOLLAR)

SV-32

SV-33

SV-34S

SV-35S

RESIDENCE (1417 DOLLAR)

SV-37S/D

RESIDENCE (1413 DOLLAR)

SV-44S/D

RESIDENCE (1411 DOLLAR)

SV-41S/D

SV-40

SV-39

SV-38S/D

100,000

1,000,000

10,000,000

1,000,000

100,000

10,000

1,000

10,000

1,000

LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY PARCEL
- SOIL GAS MONITORING POINT
- 49,000 PCE ISOCONCENTRATION (µg/m³)
- 1,000 PCE ISOCONTOUR LINE (DASHED WHERE INFERRED)
- PCE CONCENTRATION >1,000 AND <10,000
- PCE CONCENTRATION >10,000 AND <100,000
- PCE CONCENTRATION >100,000 AND <1,000,000
- PCE CONCENTRATION >1,000,000 AND <10,000,000
- PCE CONCENTRATION >10,000,000

NOTE:
1. SOIL GAS SAMPLES WERE COLLECTED ON12/17/13 AND 12/18/13.

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
DEEP PRE-INJECTION SOIL GAS PCE ISOCONCENTRATION MAP (DECEMBER 2013)

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 2-11-15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 3F

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

RESTAURANT (1129 W. CLUB)

1421-UP	1/27/15
PCE	0.41
TCE	<0.072

RESIDENCE (1423/1425 DOLLAR)

1421-UP

RESIDENCE (1421 DOLLAR)

1421-DOWN

1421-DOWN	1/27/15
PCE	0.36
TCE	<0.072

1419-UP	1/27/15
PCE	0.29
TCE	<0.072

1419-UP

RESIDENCE (1419 DOLLAR)

1419-DOWN

1419-DOWN	1/27/15
PCE	0.28
TCE	<0.072

1414-FRONT	1/11/15
PCE	2.7
TCE	0.083 J

1414-FRONT

TRIANGLE FAMILY CHURCH (1414 WATTS)

1414-REAR

1414-REAR	1/11/15
PCE	4.0
TCE	<0.21

WATTS STREET

DOLLAR AVENUE

RESIDENCE (1417 DOLLAR)

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

LEGEND

SOURCE PROPERTY BOUNDARY

PROPERTY PARCEL

INDOOR OR OUTDOOR AIR SAMPLE

SAMPLE IDENTIFICATION

SAMPLE DATE

1421-DOWN	1/27/15
PCE	0.36
TCE	<0.072

CONCENTRATION (µg/m³)

CONSTITUENT

NOTES:
1. INDOOR AIR SAMPLES FROM 1414 WATTS ST WERE COLLECTED USING SUMMA CANISTERS OVER AN APPROXIMATE 3-HR PERIOD.
2. INDOOR AIR SAMPLES FROM 1419 AND 1421 DOLLAR WERE COLLECTED USING PASSIVE RADIELLO SAMPLERS DEPLOYED FOR 14 DAYS.
3. J DENOTES ESTIMATED CONCENTRATION BETWEEN LABORATORY REPORTING LIMIT AND METHOD DETECTION LIMIT.

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
INDOOR AIR CONTAMINANT CONCENTRATION MAP (JANUARY 2015)

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
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License # C-1269 / #C-245 Geology

DATE: 2-11-15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 4

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W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

RESTAURANT (1129 W. CLUB)

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1419 DOLLAR)

RESIDENCE (1417 DOLLAR)

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

DOLLAR

TRIANGLE FAMILY CHURCH (1414 WATTS)

SSD SYSTEM EXHAUST FAN

PASSIVE EXCAVATION VENT STACK

METHANE WAS NOT DETECTED IN AMBIENT AIR AT GROUND LEVEL AT THE SUBJECT SITE IN JANUARY 2015

METHANE WAS NOT DETECTED IN THE TRIANGLE FAMILY CHURCH IN JANUARY 2015.

SOIL VAPOR VENT A

SOIL VAPOR VENT B

SOIL VAPOR VENT C

SOIL VAPOR VENT D

SV-11 SV-14 SV-17 SV-16 SV-15 SV-8I SV-8S SV-55S/I SV-50 SV-49S/D SV-48S/D SV-47S/D SV-28D SV-27S/D SV-29S/D SV-18 SV-30S SV-33 SV-32 SV-36S/D SV-35S/D SV-34S SV-51S/D SV-38S/D SV-44S/D SV-21S/D SV-43S SV-42S SV-22 SV-24S/D SV-19 SV-25S/D SV-41S/D SV-20S/D SV-23 SV-31 SV-26S/D

	SV-8S	SV-8I
12/19/13	0.2%	0.4%
01/08/14	0.2%	0.2%
02/03/14	0.1%	NM
02/17/14	0.0%	0.0%
03/17/14	0.0%	0.0%
04/14/14	0.0%	0.0%
05/22/14	0.0%	0.3%
06/17/14	0.0%	NM
07/15/14	0.0%	0.0%
10/14/14	0.0%	NM
01/13/15	0.0%	0.2%

	SV-21S	SV-21D
05/22/14	0.0%	0.0%
06/17/14	0.0%	0.0%
07/15/14	0.0%	0.0%
10/14/14	0.0%	0.0%
01/13/15	0.0%	0.0%

SV-19	
11/13/13	0.0%
12/19/13	0.0%
01/08/14	0.0%
02/03/14	0.2%
02/17/14	0.0%
03/17/14	0.0%
04/14/14	0.0%
05/22/14	0.0%
06/17/14	0.0%
07/15/14	0.0%
10/14/14	0.0%
01/13/15	0.0%

SV-19	
11/13/13	0.0%
12/19/13	0.0%
01/08/14	0.0%
02/03/14	0.2%
02/17/14	0.0%
03/17/14	0.0%
04/14/14	0.0%
05/22/14	0.0%
06/17/14	0.0%
07/15/14	0.0%
10/14/14	0.0%
01/13/15	0.0%

SAMPLE IDENTIFICATION

METHANE % BY VOLUME

SAMPLE DATE

SV-14	
05/22/14	0.0%
06/17/14	0.0%
07/15/14	0.0%
10/14/14	0.0%
01/13/15	0.0%

PASSIVE EXCAVATION VENT STACK	
12/19/13	10.9%
01/08/14	8.7%
02/03/14	0.2%
02/17/14	23.2%
03/17/14	0.0%
04/14/14	6.4%
05/22/14	4.2%
06/17/14	4.6%
07/15/14	0.0%
10/14/14	11.9%
01/13/15	0.0%

SV-50	
06/17/14	0.0%
07/15/14	0.2%
10/14/14	0.1%
01/13/15	NM

	SV-25S	SV-25D
06/17/14	0.0%	0.0%
07/15/14	0.0%	0.0%
10/14/14	0.0%	0.0%
01/13/15	0.0%	0.1%

	SV-20S	SV-20D
11/13/13	0.0%	0.0%
12/19/13	0.0%	0.0%
01/08/14	0.0%	0.0%
02/03/14	0.2%	0.2%
02/17/14	0.0%	0.0%
03/17/14	0.0%	0.0%
04/14/14	0.0%	0.0%
05/22/14	0.0%	0.0%
06/17/14	0.0%	0.0%
07/15/14	0.0%	0.0%
10/14/14	0.0%	0.0%
01/13/15	0.0%	0.0%

	SV-49S	SV-49D
05/22/14	0.0%	0.0%
06/17/14	0.0%	0.0%
07/16/14	0.0%	0.0%
10/14/14	NM	0.0%
01/13/15	0.0%	0.1%

	SV-55S	SV-55I
12/19/13	0.6%	0.4%
01/08/14	0.6%	0.7%
02/03/14	0.4%	NM
02/17/14	NM	NM
03/17/14	0.3%	NM
04/14/14	0.0%	NM
05/22/14	0.1%	NM
06/17/14	0.0%	NM
07/15/14	0.0%	0.0%
10/14/14	0.0%	0.0%
01/13/15	0.0%	0.0%

	SV-27S	SV-27D
05/22/14	0.0%	NM
06/17/14	0.0%	0.0%
07/15/14	0.0%	0.0%
10/14/14	0.0%	0.0%

SSD SYSTEM EXHAUST FAN	
12/19/13	0.0%
01/08/14	NM
02/03/14	NM
02/17/14	0.0%
03/17/14	0.0%
04/14/14	0.0%
05/22/14	NM
06/17/14	0.0%/0.0%
07/15/14	0.0%/0.0%
10/14/14	0.0%/0.0%
01/13/15	NM

SV-28D	
05/22/14	0.0%
06/17/14	0.0%
07/15/14	0.0%
10/14/14	0.0%
01/13/15	0.0%

	SV-29S	SV-29D
12/19/13	0.0%	NM
01/08/14	0.0%	NM
02/03/14	0.2%	NM
02/17/14	0.0%	NM
03/17/14	0.0%	NM
04/14/14	0.0%	NM
05/22/14	0.0%	0.0%
06/17/14	0.0%	0.0%
07/15/14	0.0%	0.0%
01/13/15	0.0%	0.0%

SV-18	
12/19/13	0.0%
01/08/14	0.0%
02/03/14	0.2%
02/17/14	0.1%
03/17/14	NM
04/14/14	0.0%
05/22/14	0.0%
06/17/14	0.0%
07/15/14	0.0%
01/13/15	0.0%

	SV-36S	SV-36D
06/17/14	0.0%	0.0%
07/15/14	0.0%	0.0%
10/14/14	0.0%	0.0%
01/13/15	0.0%	0.0%

LEGEND

SOURCE PROPERTY BOUNDARY

PROPERTY PARCEL

SOIL GAS MONITORING POINT

NOTES:
1. METHANE FIELD READINGS WERE MEASURED USING A GEM 2000 MULTI-GAS METER
2. NM = NOT MEASURED
3. A NEW SUB-SLAB DEPRESSURIZATION SYSTEM WAS INSTALLED AT 1414 WATTS IN MAY 2014. THE NEW FANS AND EXHAUST PIPES ARE LOCATED ON THE EXTERIOR OF THE BUILDING NEAR THE MAINTENANCE ROOM. FORMER FAN WAS LOCATED INSIDE THE MAINTENANCE ROOM. READINGS AFTER MAY 2014 ARE REPORTED FOR THE FRONT FAN/REAR FAN.
4. SV-55I WAS REINSTALLED ON 06/27/14.

N

APPROXIMATE

0 40 80

SCALE IN FEET

TITLE

METHANE FIELD MEASUREMENTS (DECEMBER 2013 - JANUARY 2015)

PROJECT

ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
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License # C-1269 / #C-245 Geology

DATE: 2-11-15 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 5

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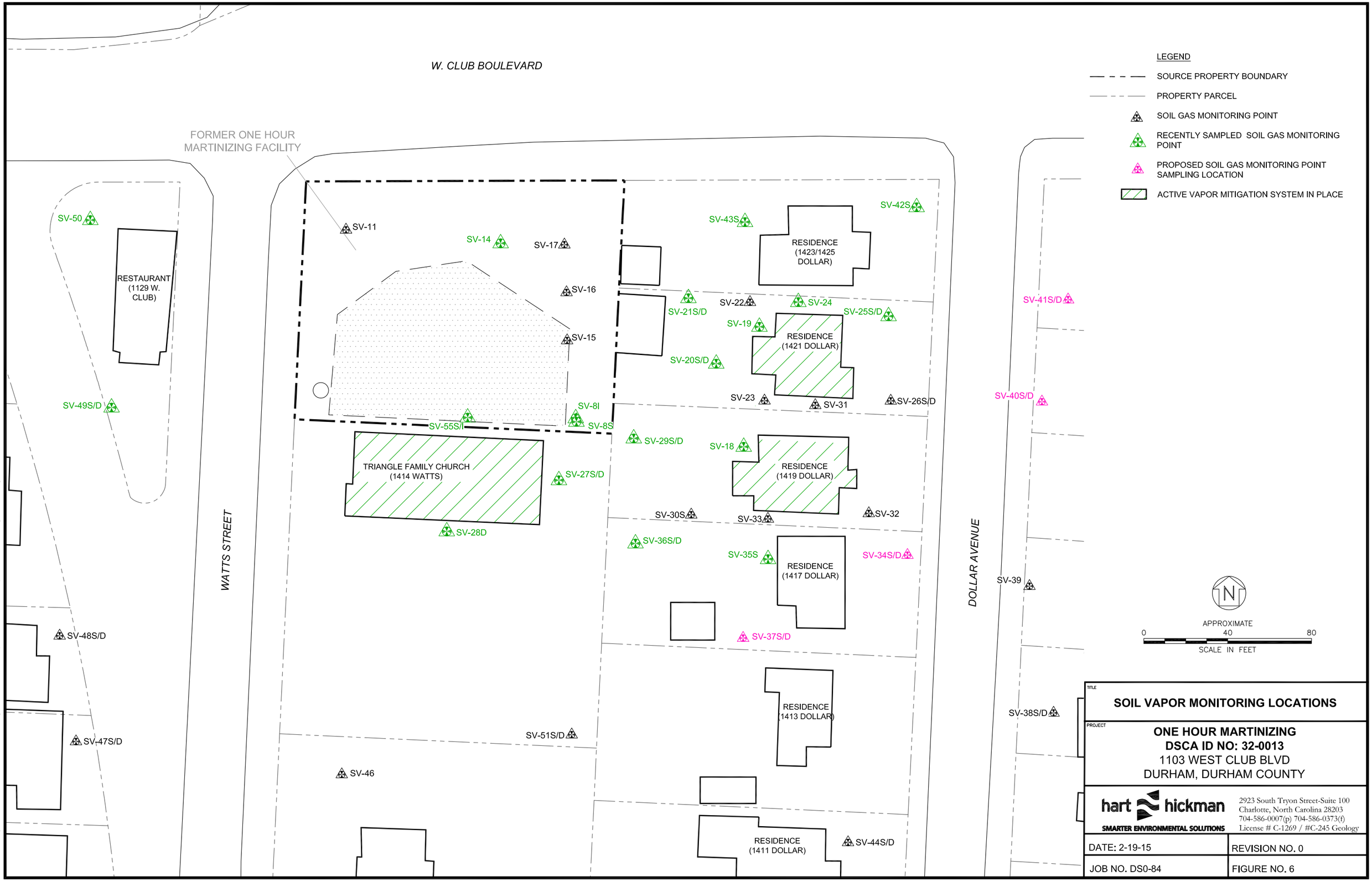


TITLE

SOIL VAPOR MONITORING LOCATIONS

PROJECT

ONE HOUR MARTINIZING
DSCA ID NO: 32-0013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 2-19-15	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 6

S:\AAA-Master Projects\DSCA - DS0\DS0-84 One Hr Martinizing (former BB&T)\Cost Proposals & SLAWs\Cost Proposals\2015 Monitoring\SOIL GAS.dwg

ATTACHMENT A

PROJECT CALENDAR

~ January 2015 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Note: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.				1	2	3
4	5	6	7	8	9	10
	Post–Injection Groundwater and Soil Vapor Sampling					
11	12	13	14	15	16	17
3-Hour Summa Canister Indoor Air Sampling at 1414 Watts St		**Methane Field Screening**				
		14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave				
18	19	20	21	22	23	24
14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						
25	26	27	28	29	30	31
14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave						

~ February 2015 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Note: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

~ March 2015 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12 **Soil Vapor Sampling**	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	Note: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.			

~ April 2015 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Note: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
		14-Day Radiello Indoor Air Sampling at 1421 Dollar Ave				
19	20	21	22	23	24	25
	Groundwater Sampling					
14-Day Radiello Indoor Air Sampling at 1421 Dollar Ave						
26	27	28	29	30		
14-Day Radiello Indoor Air Sampling at 1421 Dollar Ave						

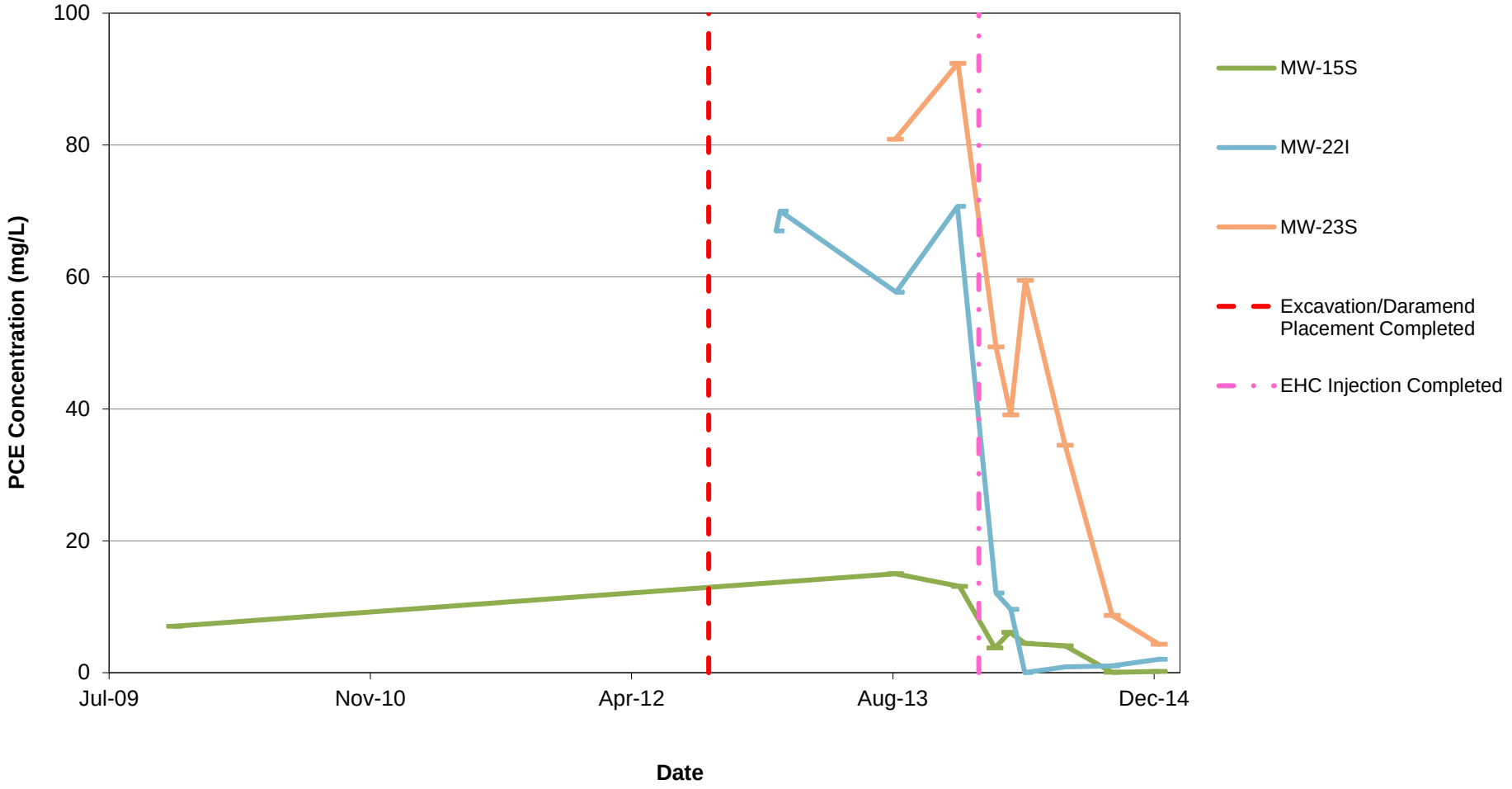
~ May 2015 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Note: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24 31	25	26	27	28	29	30

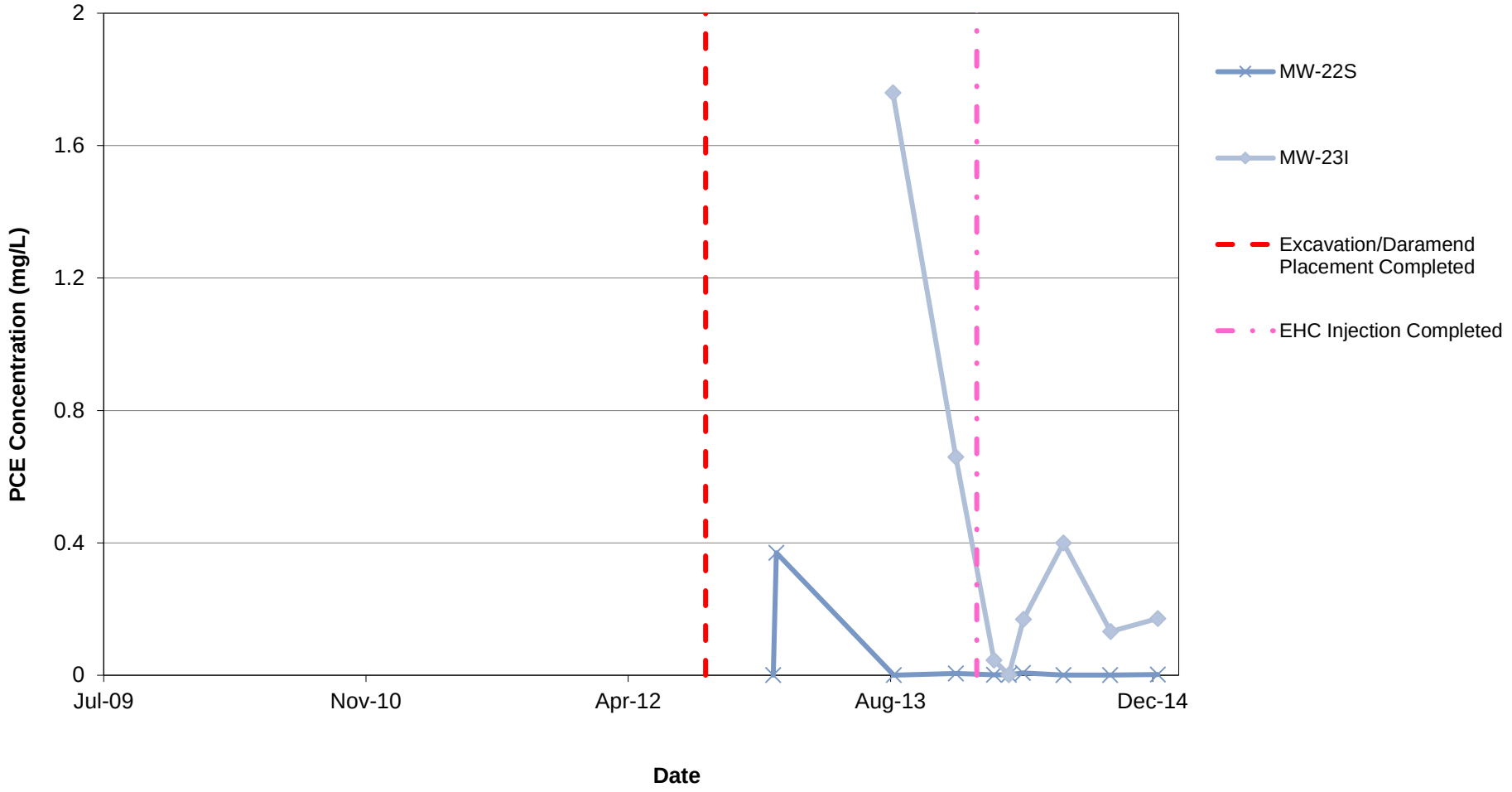
ATTACHMENT B

GRAPHS

PCE Groundwater Concentrations vs. Time
Injection Area MWs: MW-15S, MW-22I, MW-23S
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013

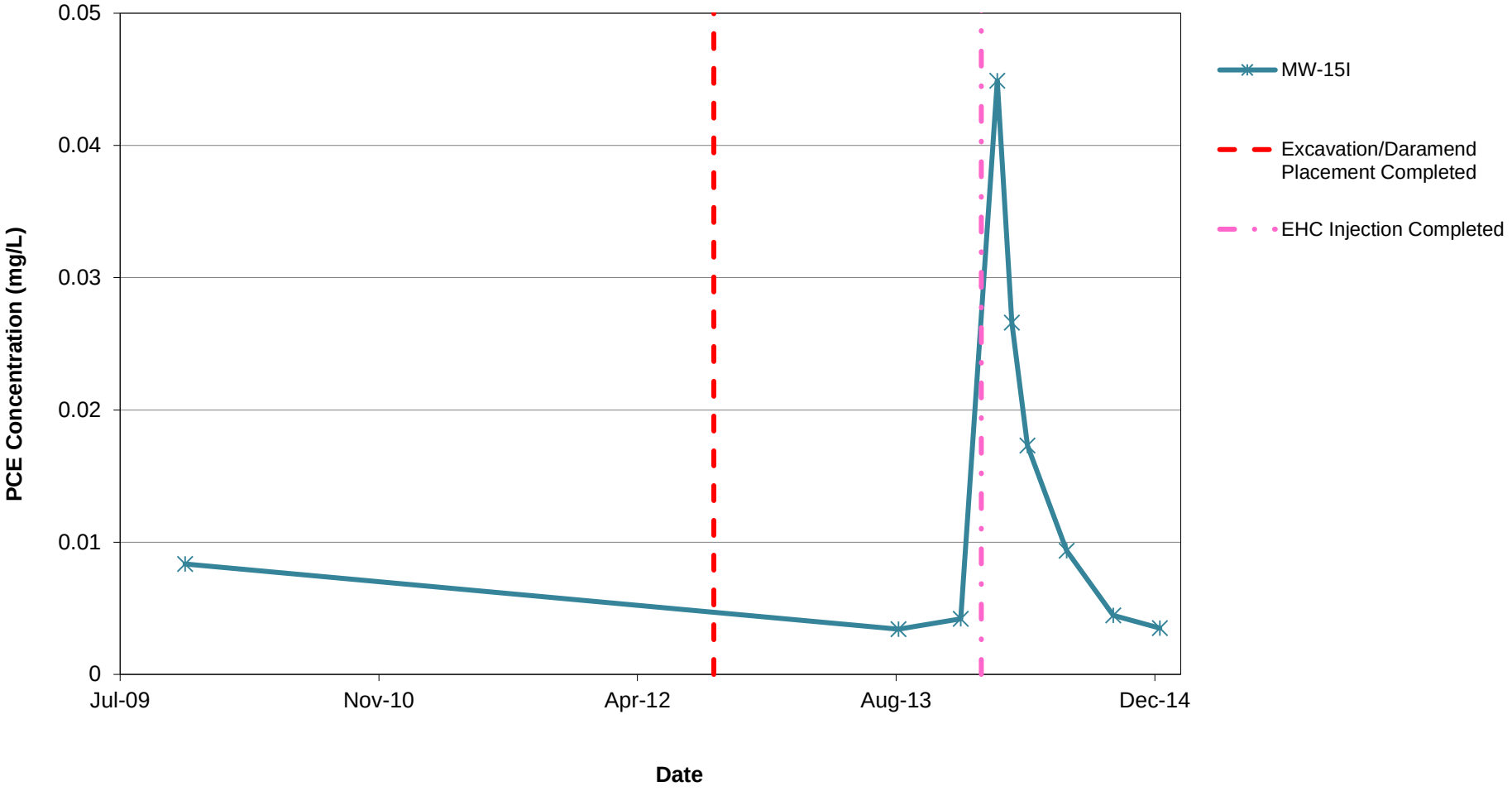


PCE Groundwater Concentrations vs. Time
Injection Area MWs: MW-22S and MW-23I
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013

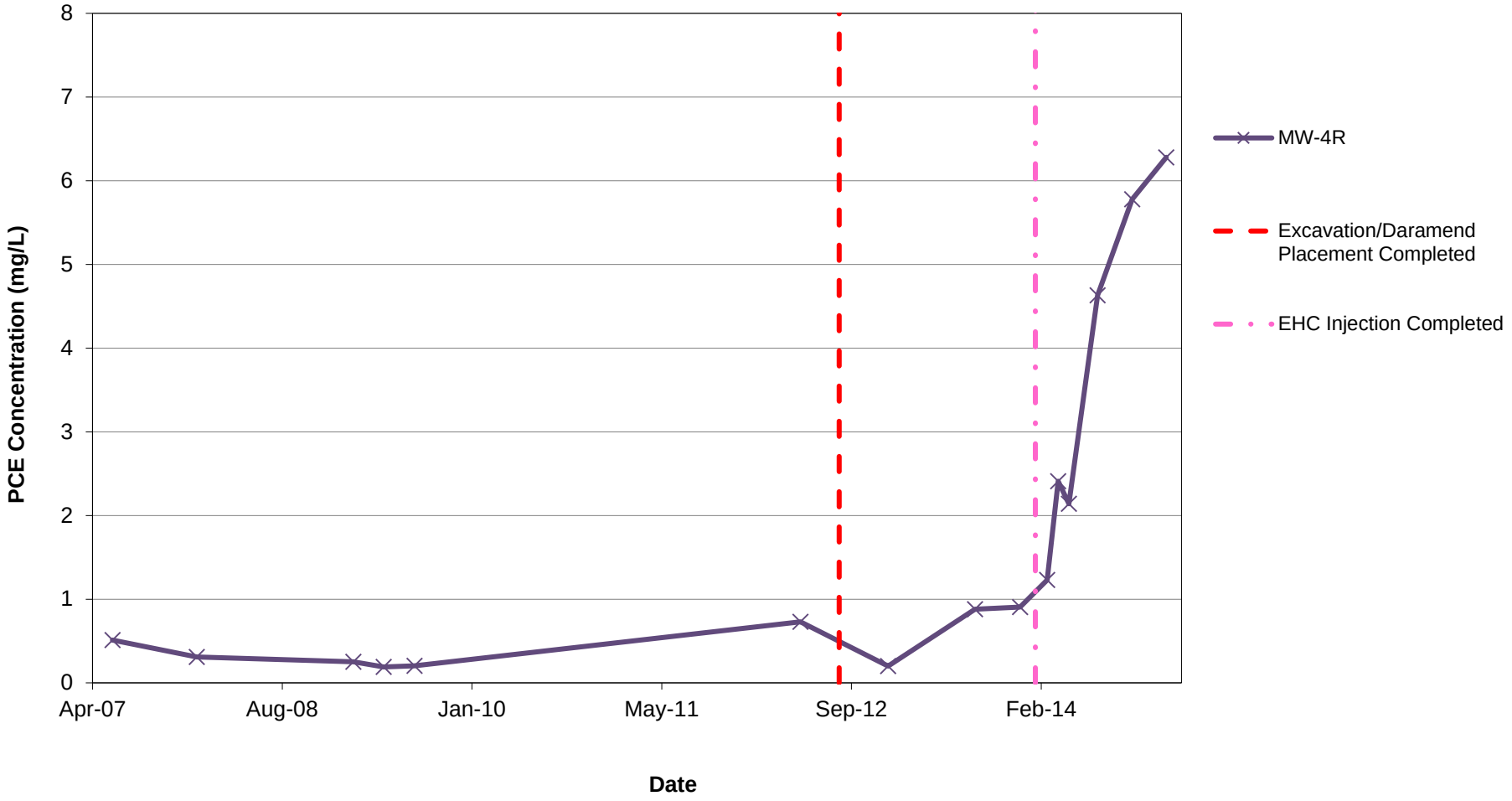


Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
Injection Area MWs: MW-15I
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013

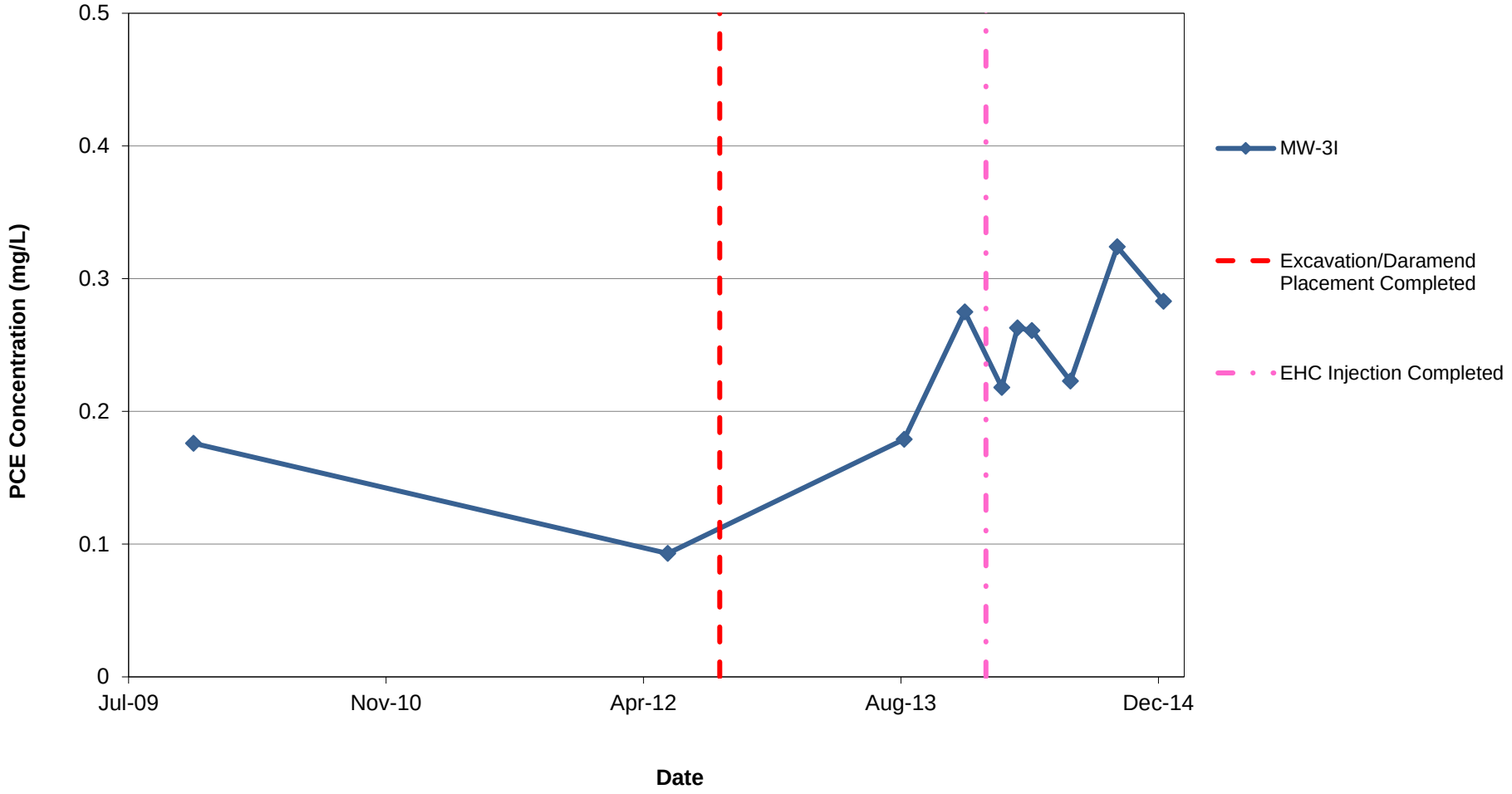


PCE Groundwater Concentrations vs. Time
MWs North of Injection Area: MW-4R
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



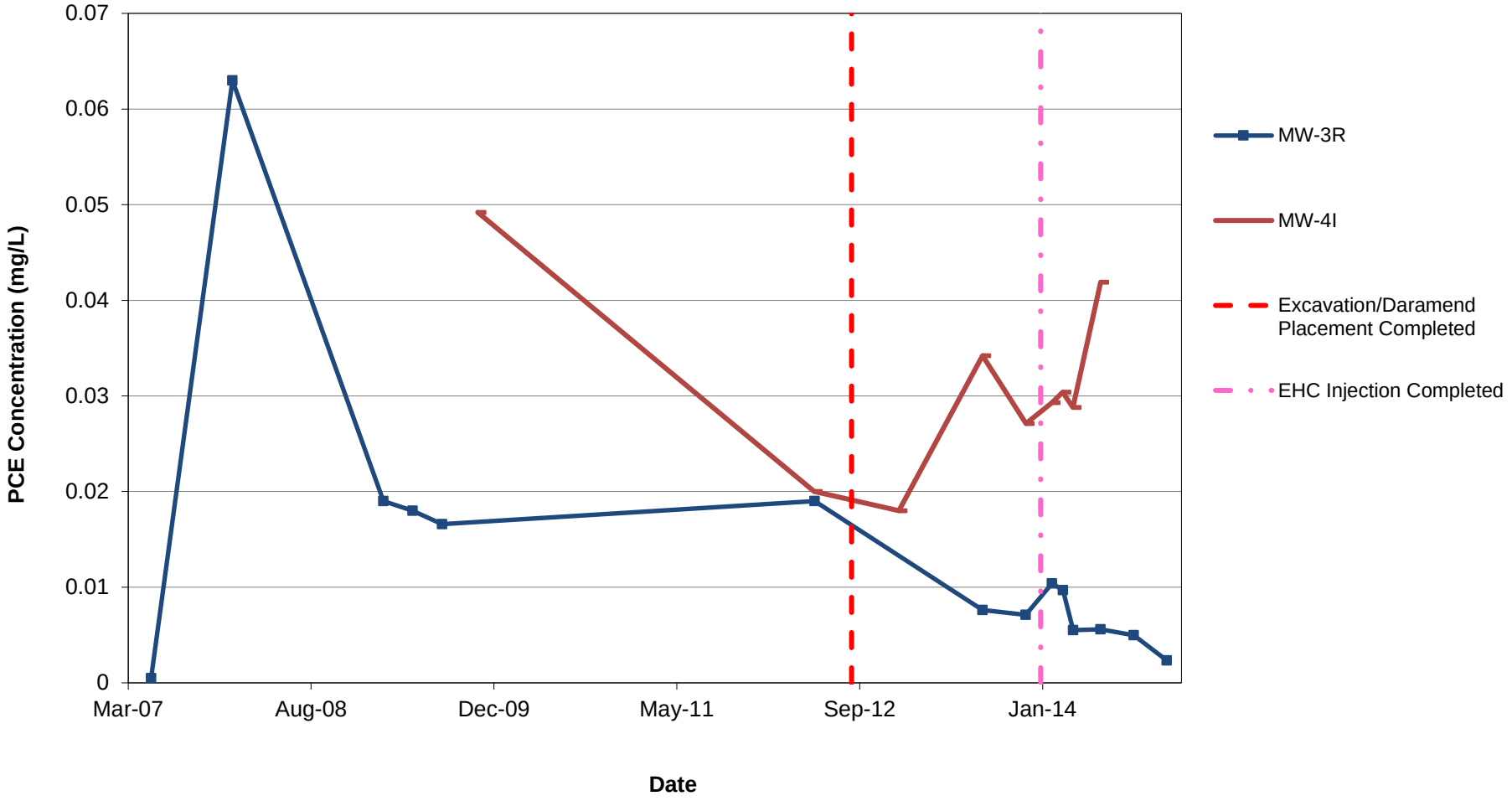
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs North of Injection Area: MW-3I
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



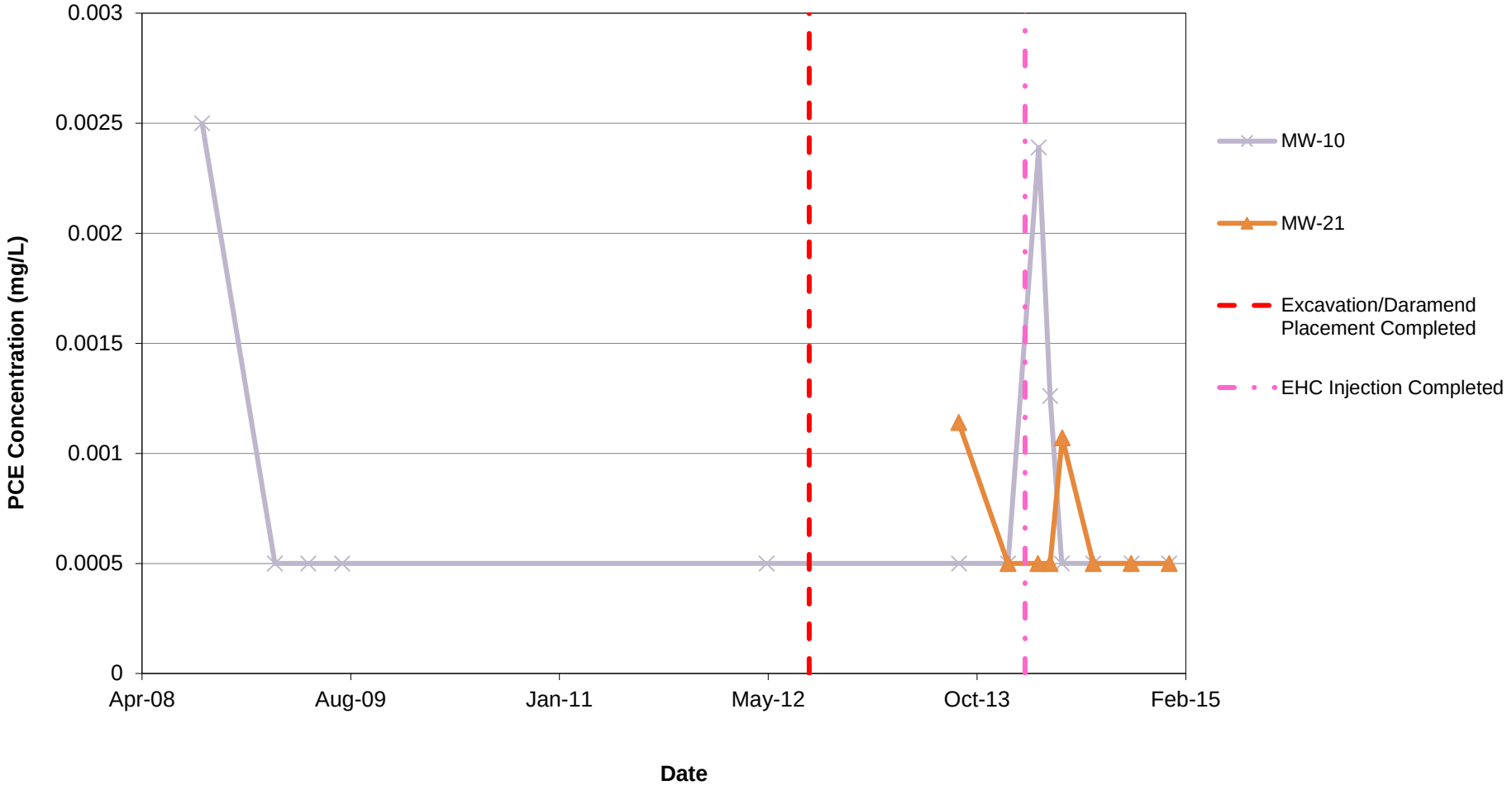
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs North of Injection Area: MW-3R and MW-4I
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



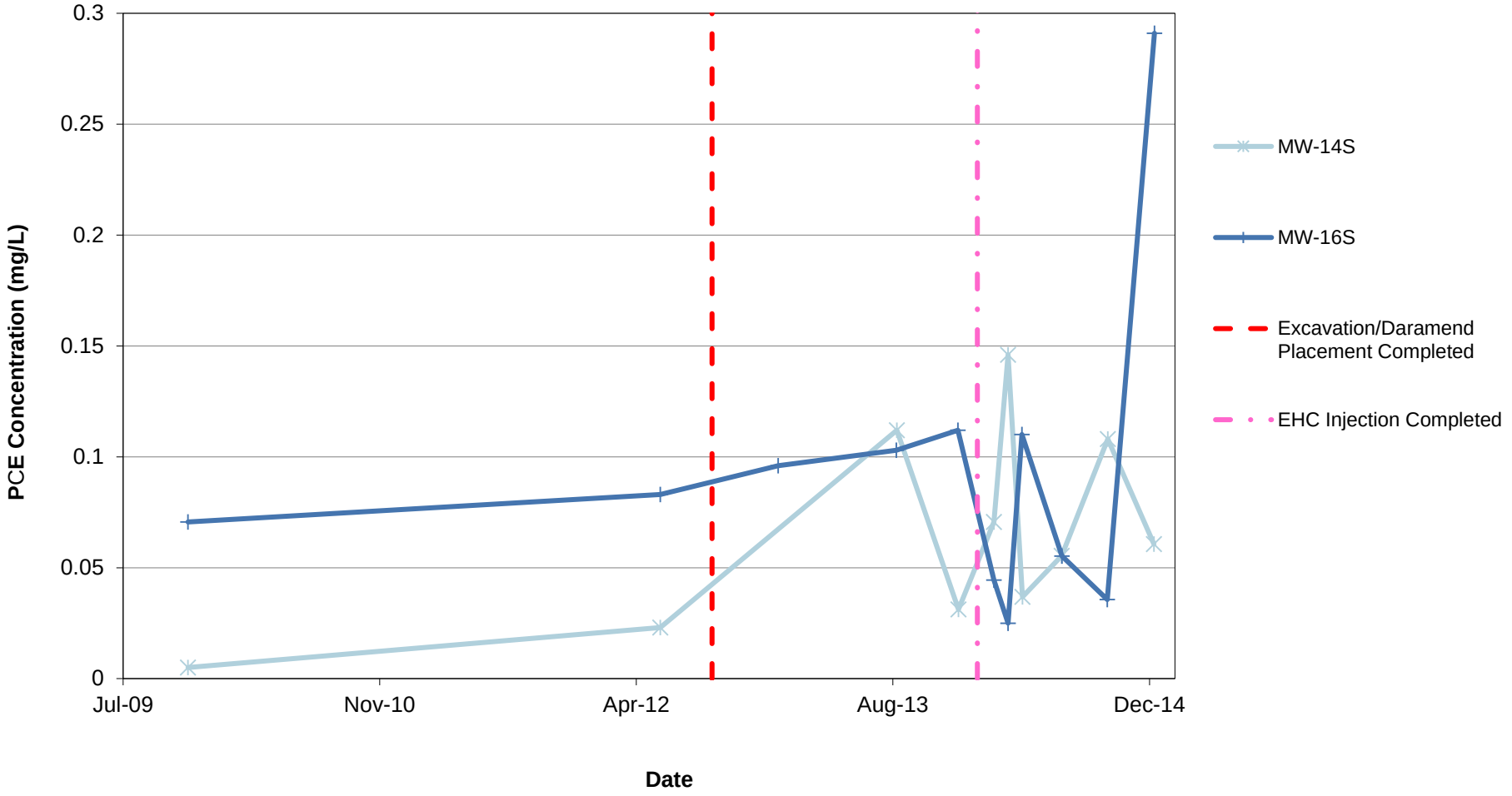
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs West of Injection Area: MW-10, MW-21
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



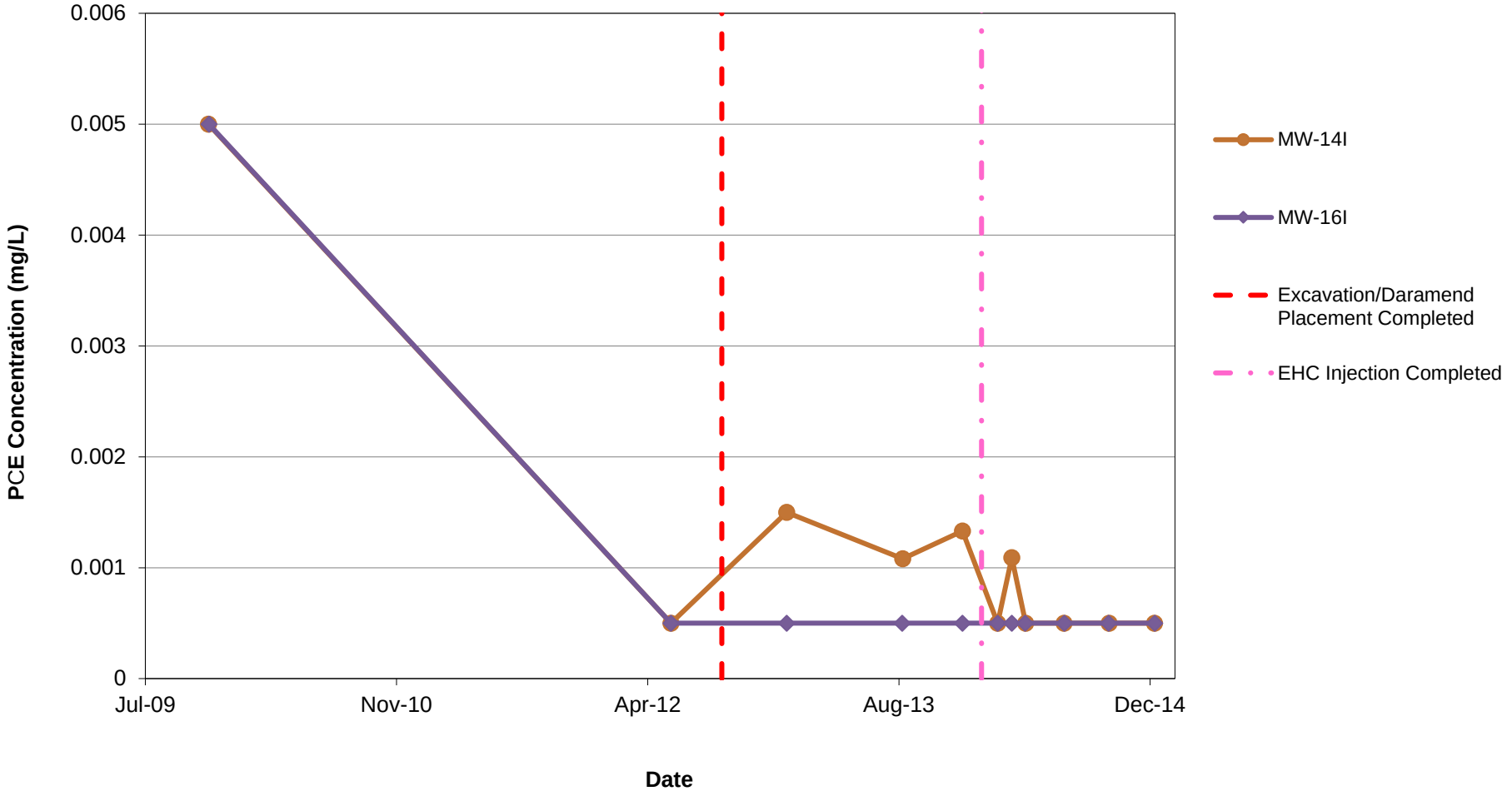
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs East of Injection Area: MW-14S and MW-16S
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



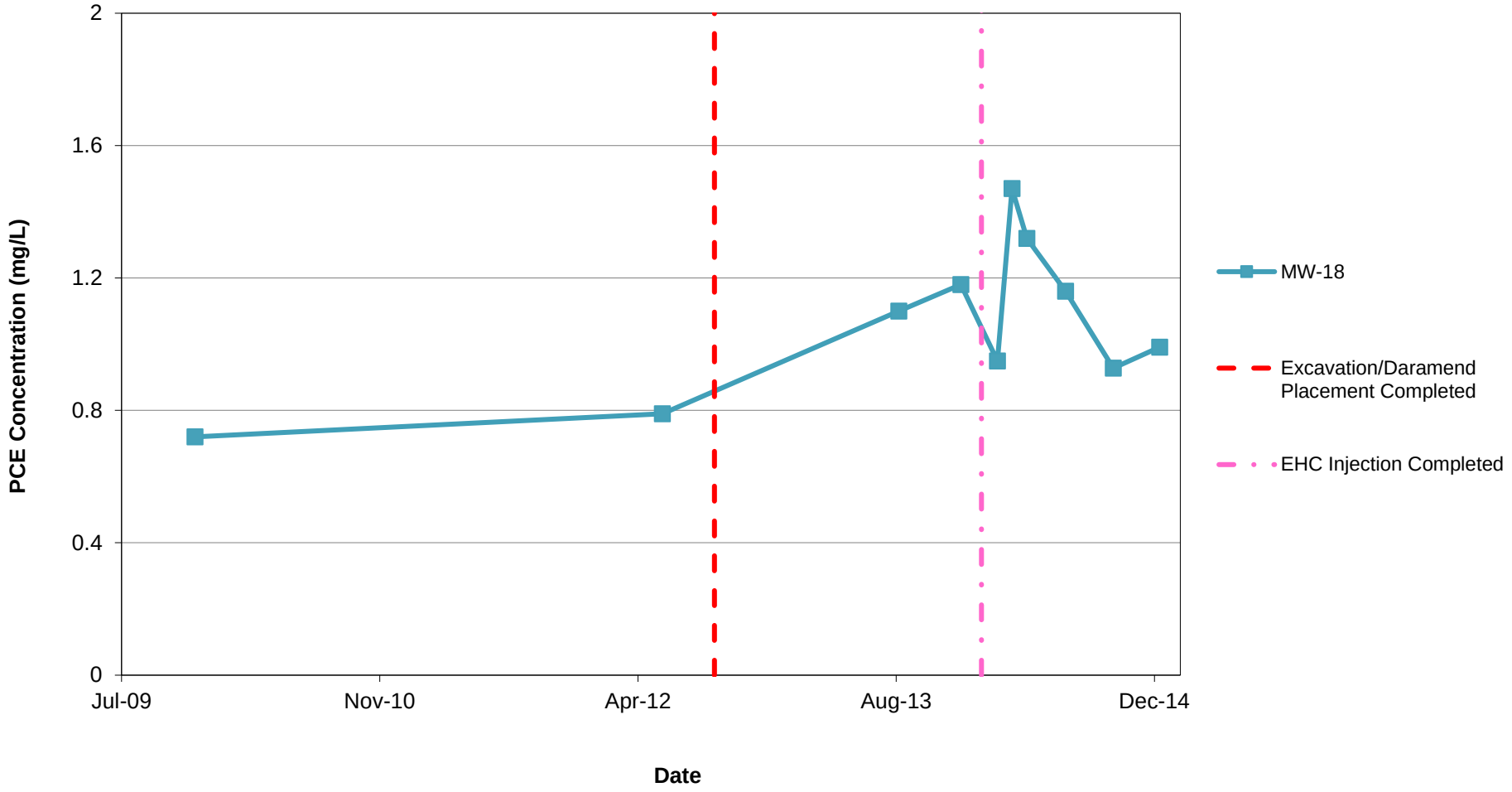
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs East of Injection Area: MW-14I and MW-16I
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



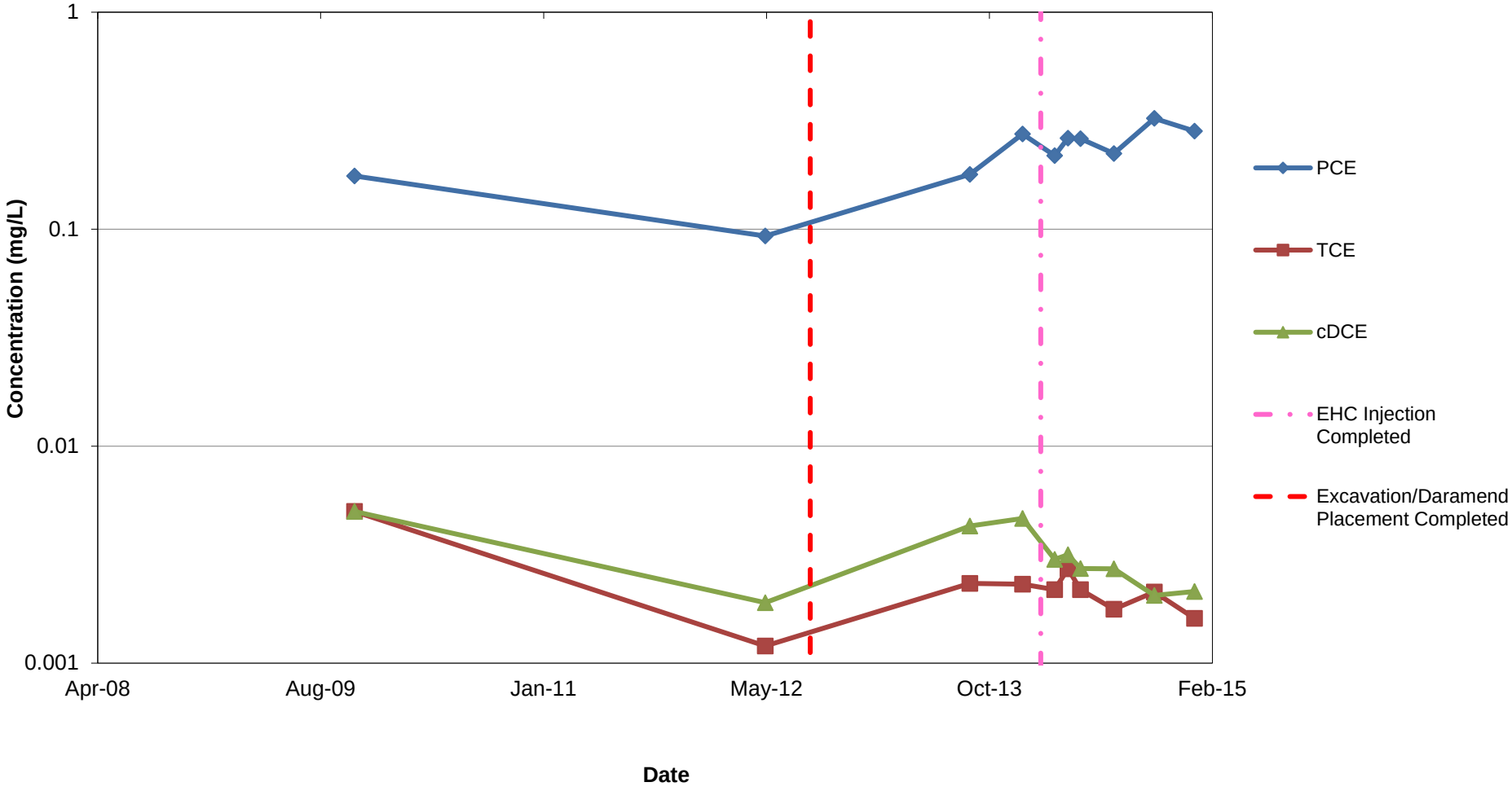
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs South of Injection Area: MW-18
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



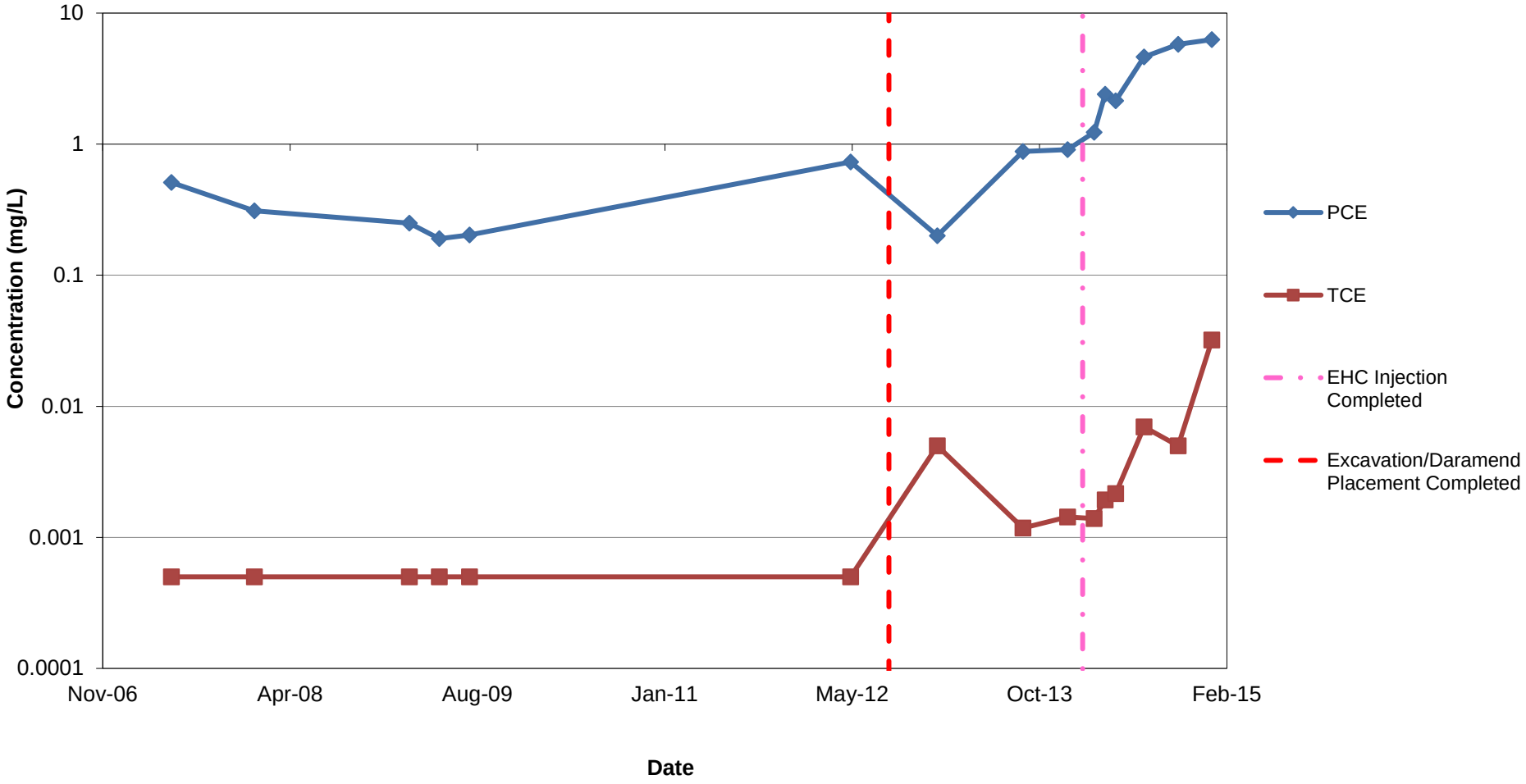
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-3I
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



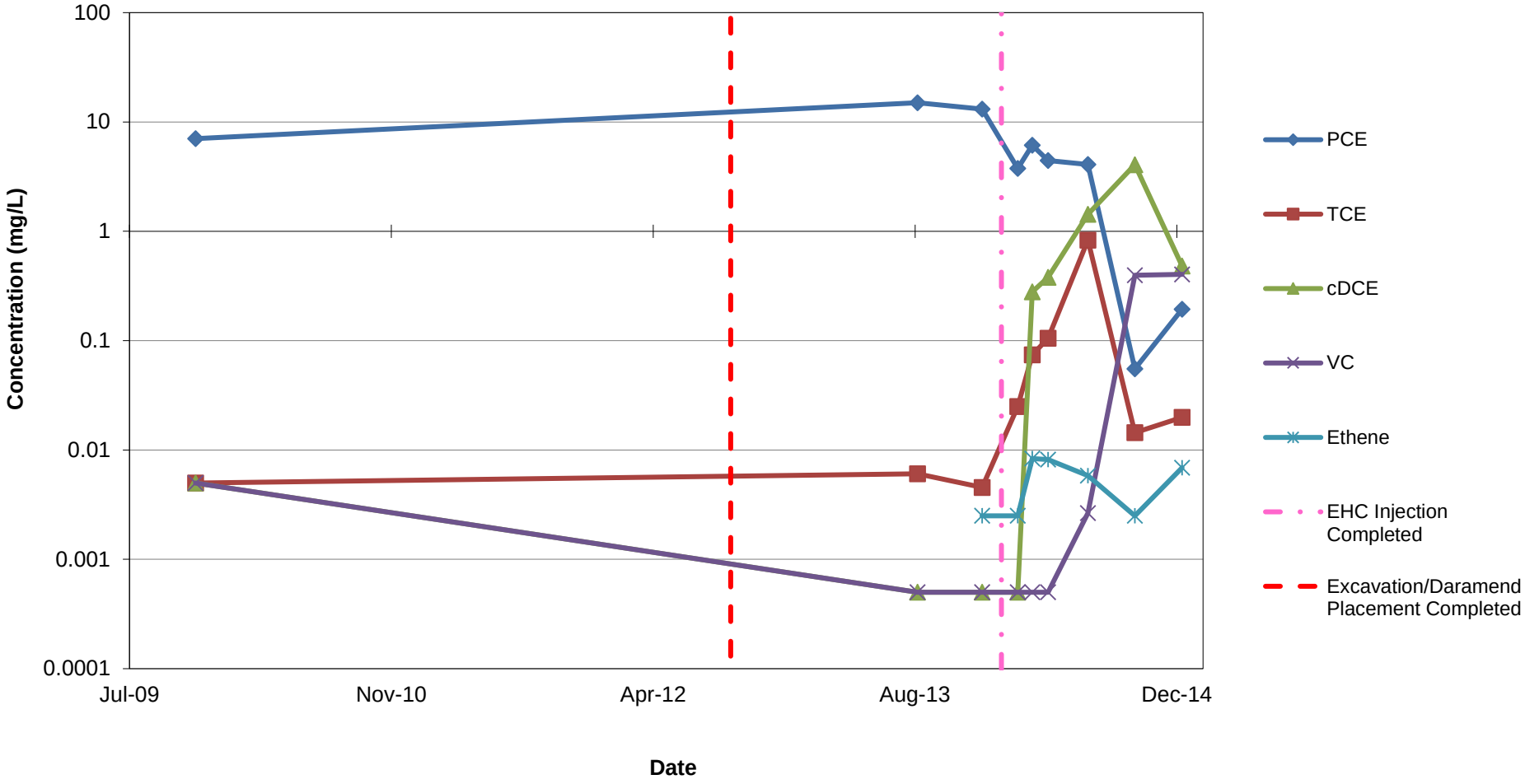
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-4R
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



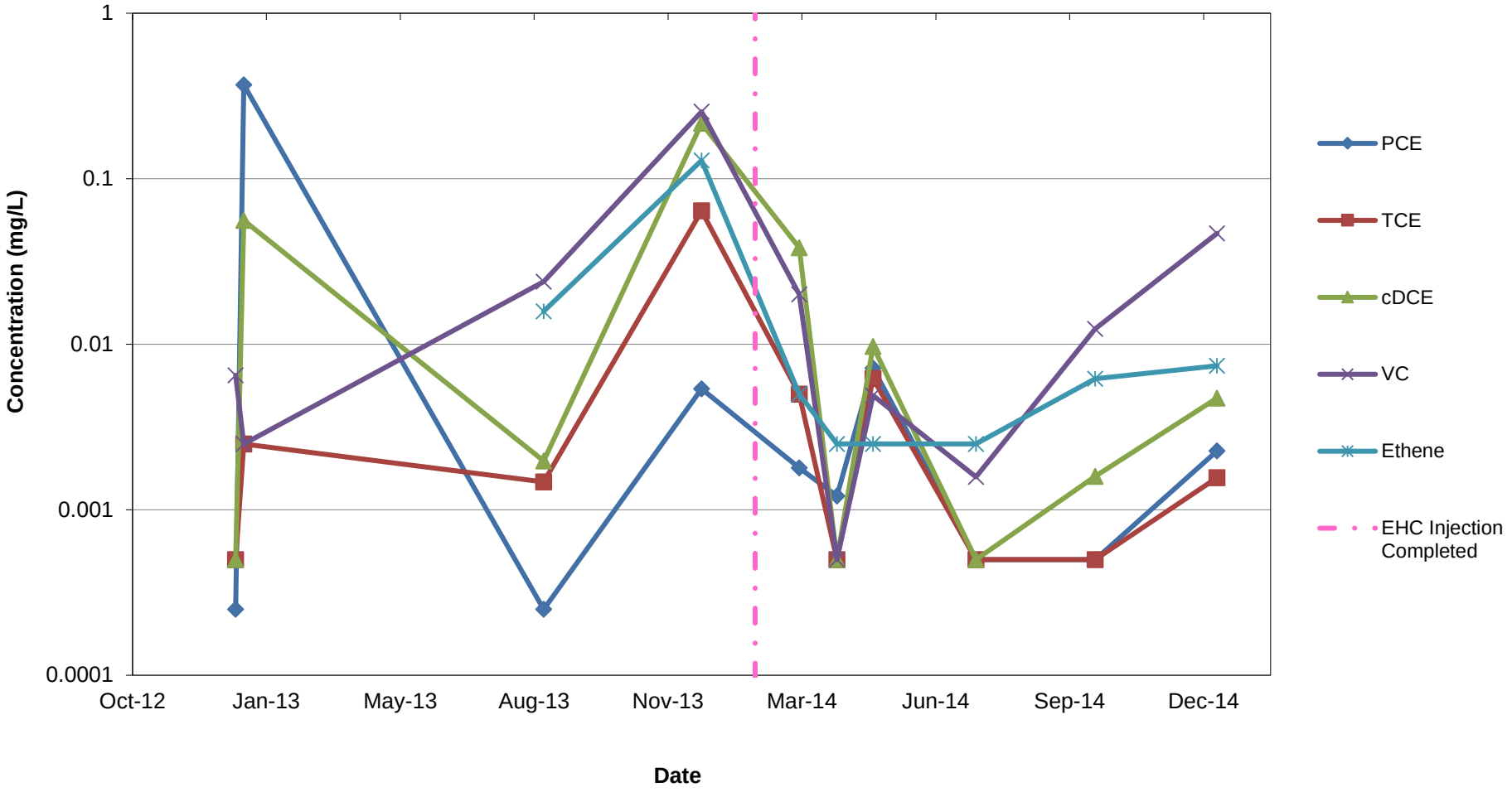
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-15S
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



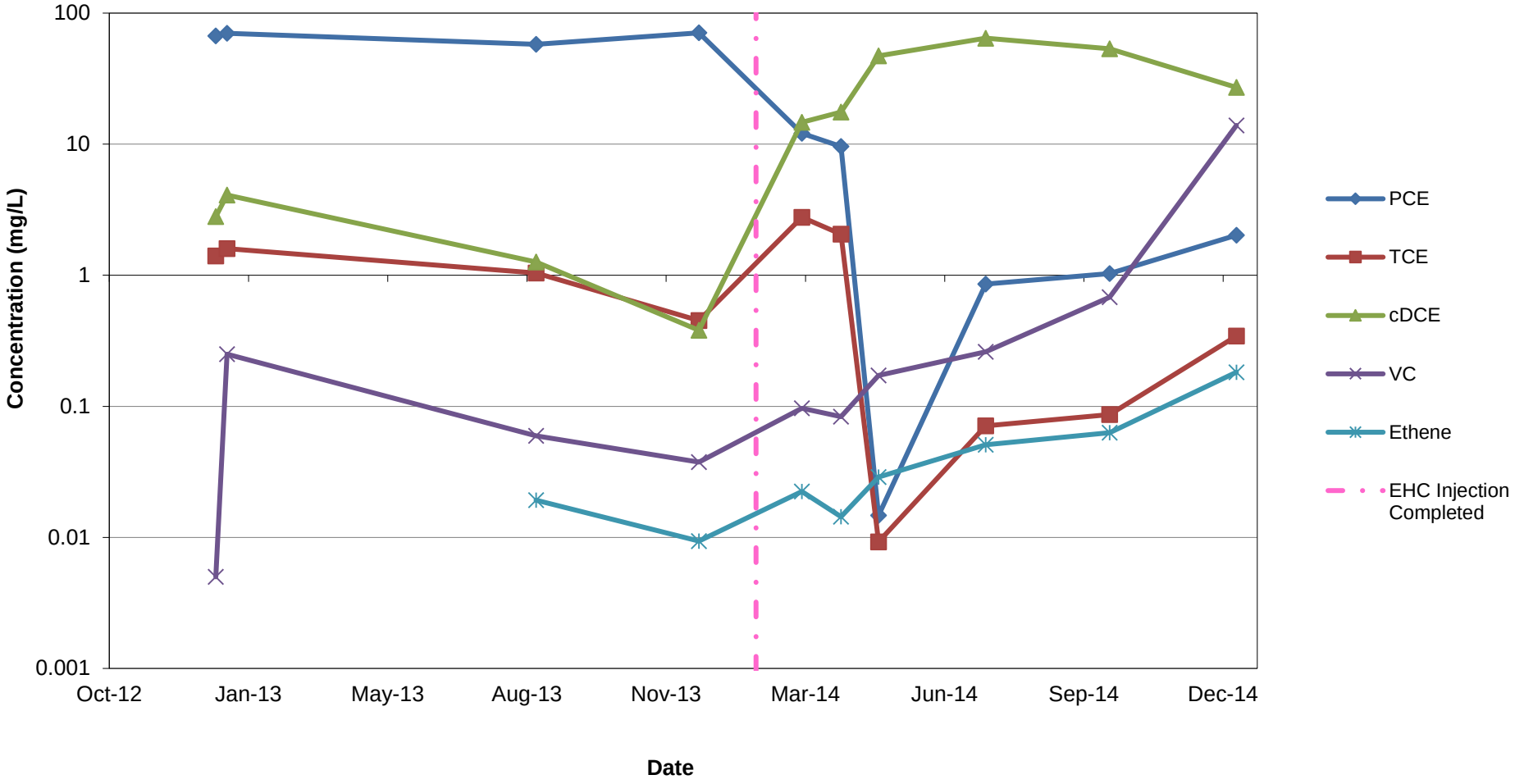
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-22S
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



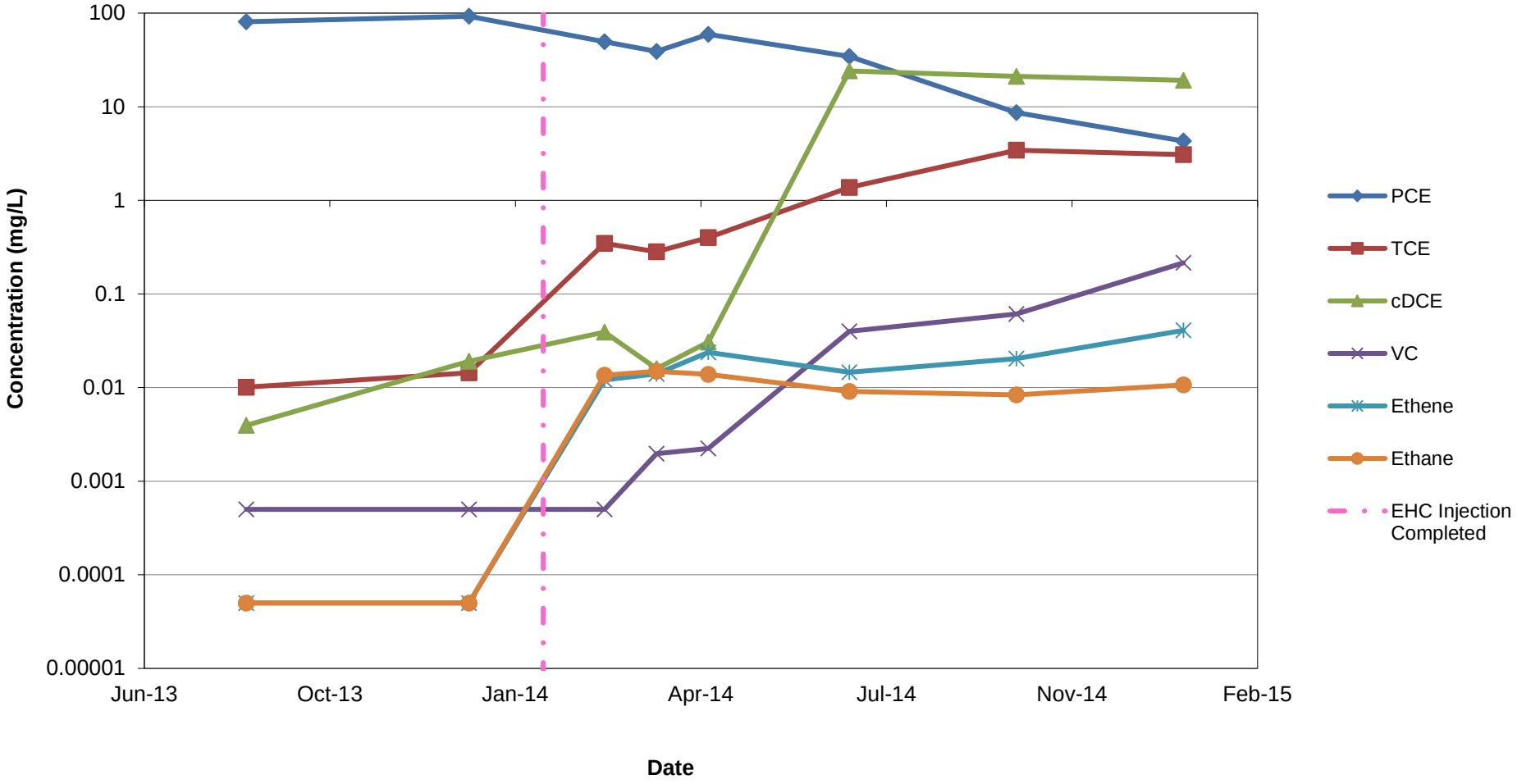
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-22I
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



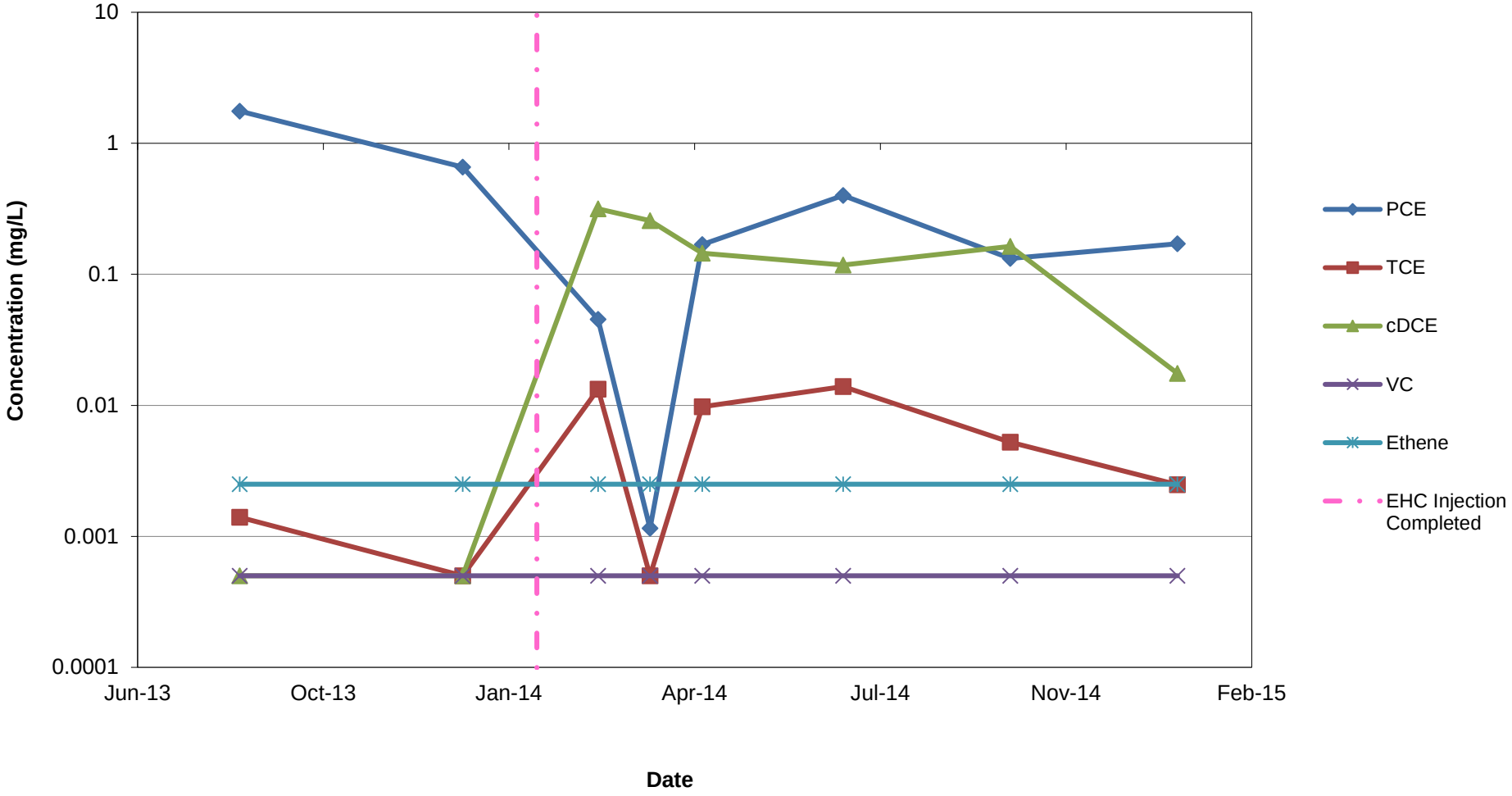
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-23S
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



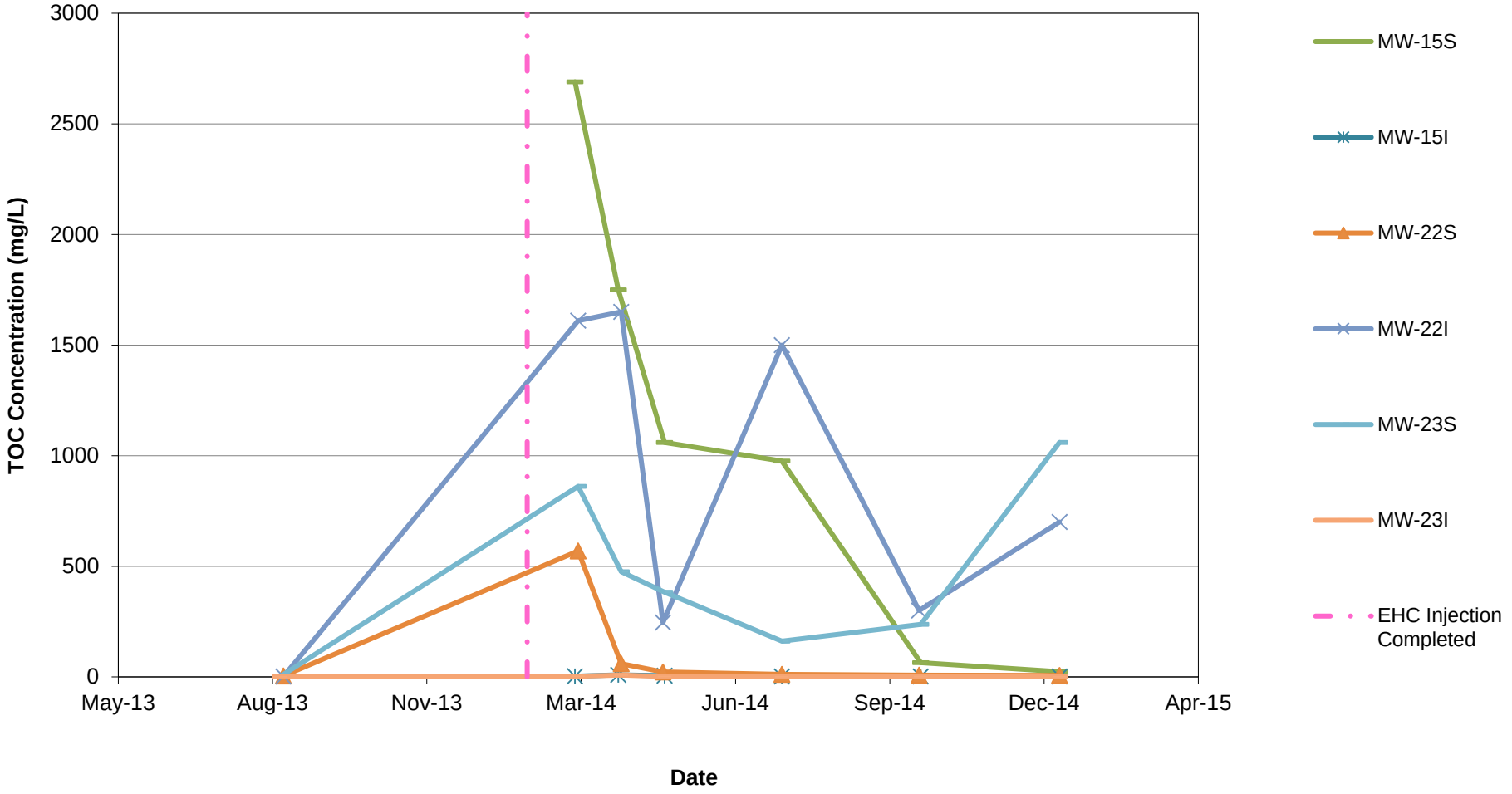
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-23I
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



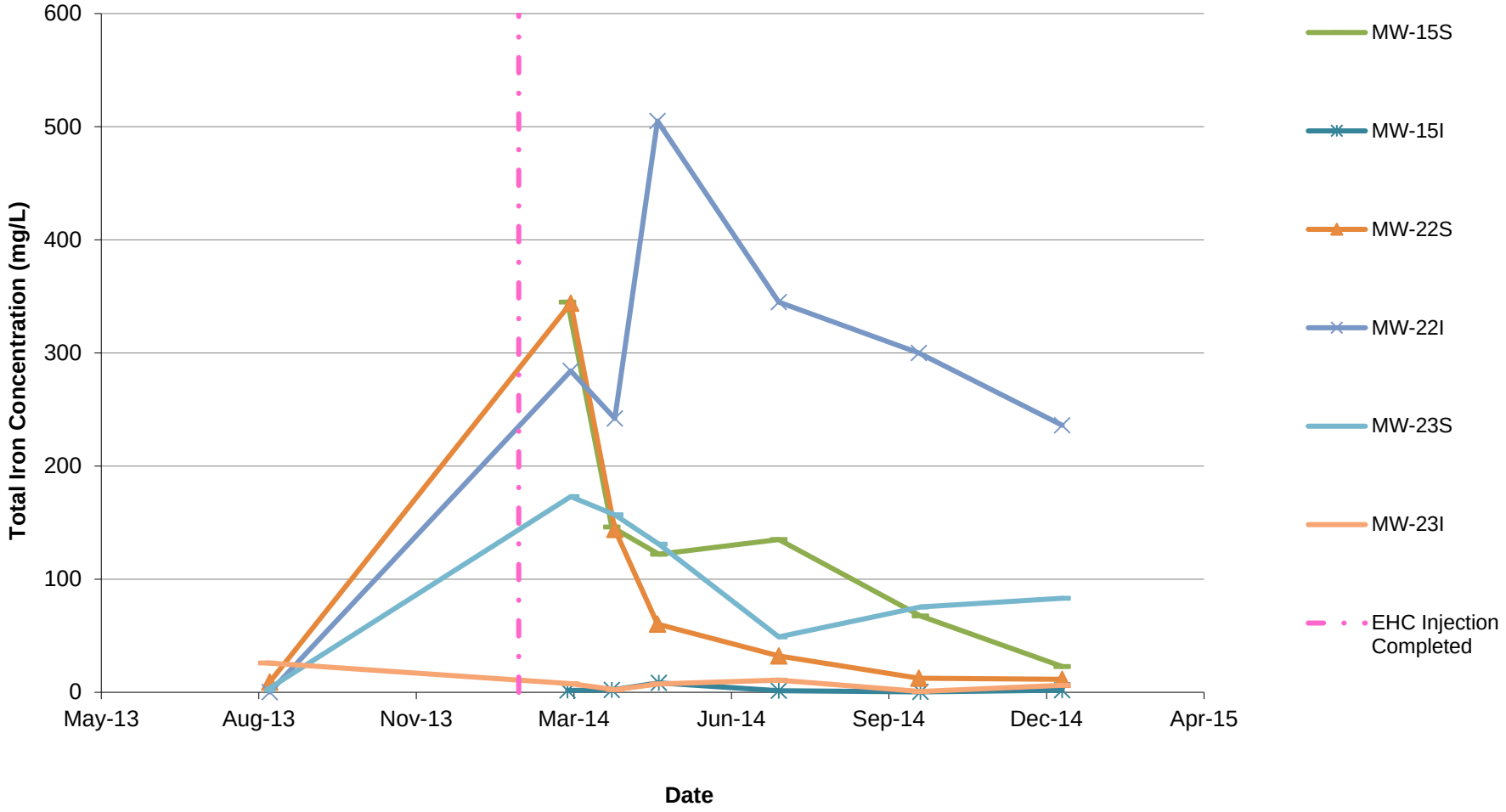
Note: Non-detect values are graphed as half the laboratory method detection limit.

TOC Groundwater Concentrations vs. Time
Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



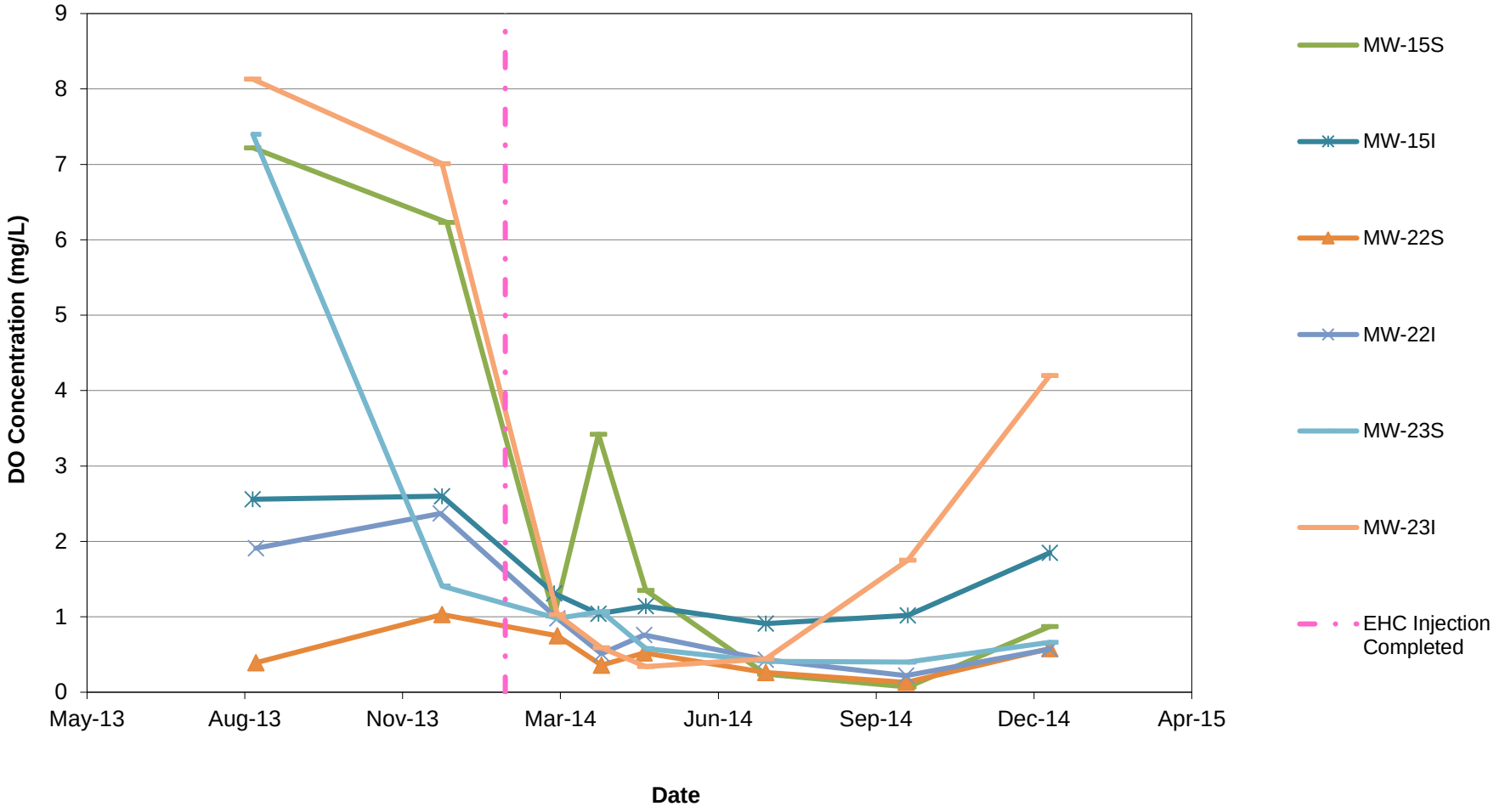
Note: Non-detect values are graphed as half the laboratory method detection limit.

Total Iron Groundwater Concentrations vs. Time
Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



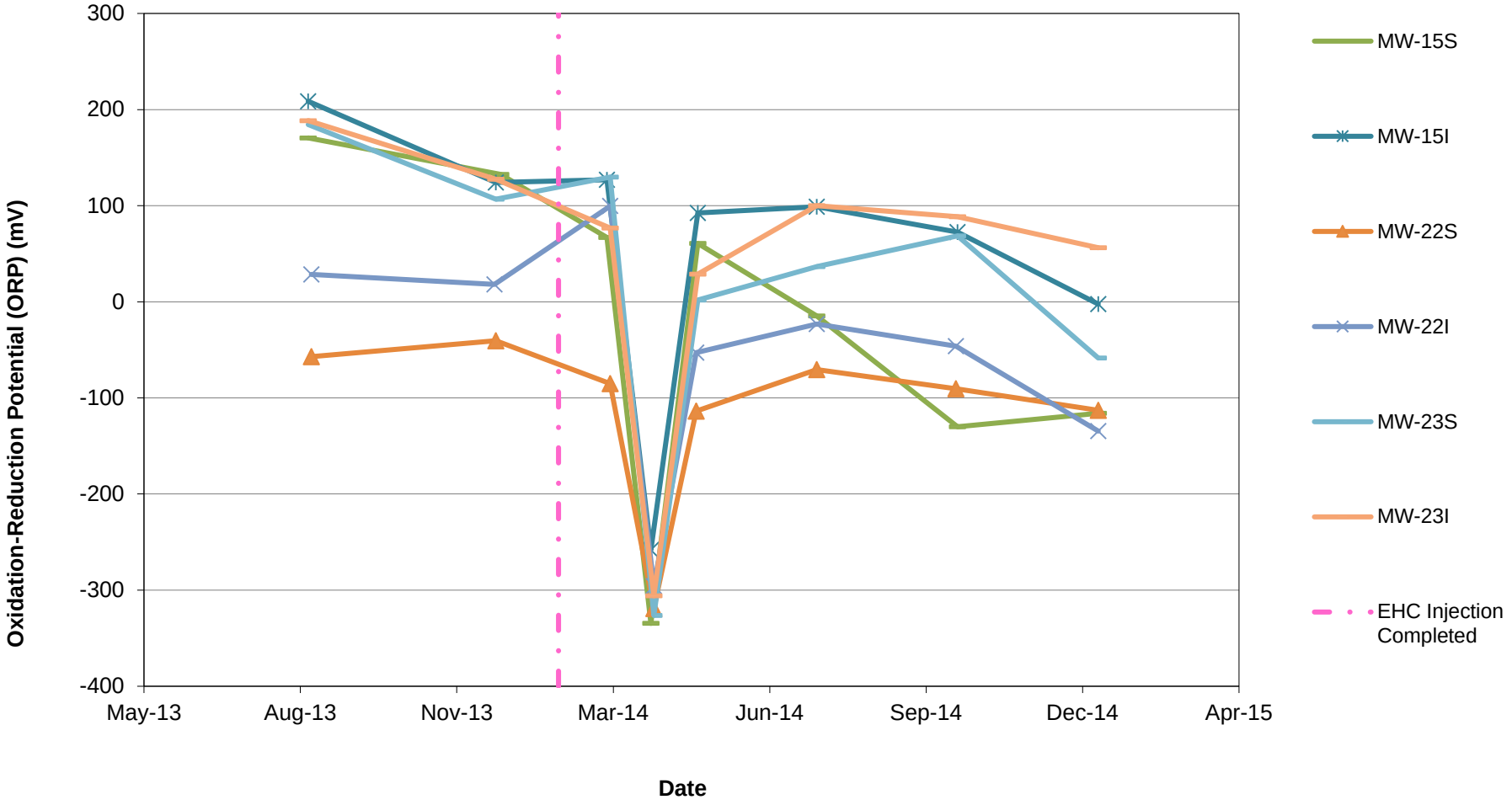
Note: Non-detect values are graphed as half the laboratory method detection limit.

DO Groundwater Concentrations vs. Time
Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



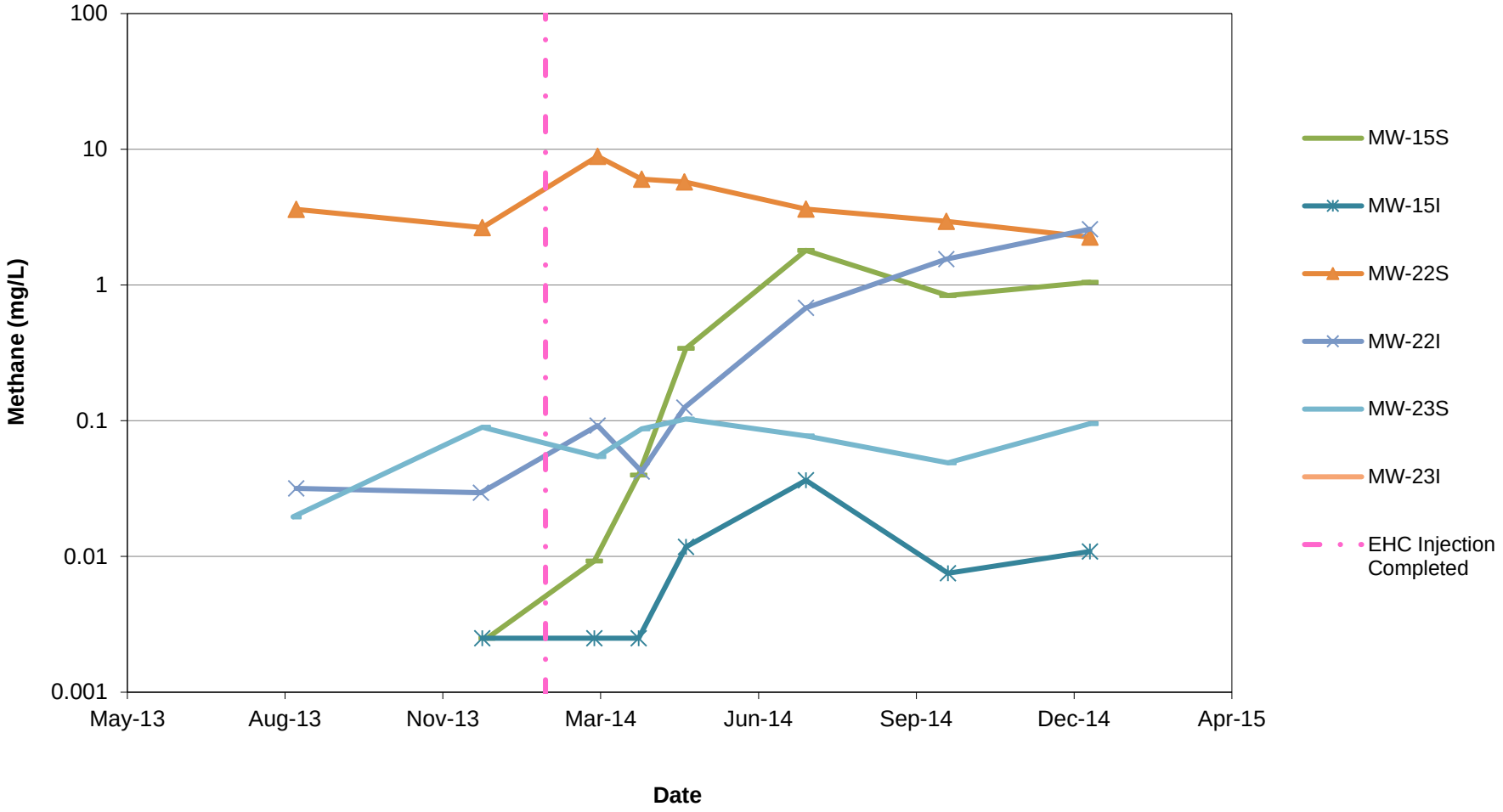
Note: Non-detect values are graphed as half the laboratory method detection limit.

Oxidation-Reduction Potential (ORP) vs. Time
Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



Note: Non-detect values are graphed as half the laboratory method detection limit.

Methane vs. Time
Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: 32-0013



Note: Non-detect values are graphed as half the laboratory method detection limit.

ATTACHMENT C

INDOOR AIR RISK CALCULATORS

Calculated Cumulative Indoor Air Risks (January 2015)
Triangle Family Church, 1414 Watts Street, Durham, NC
One Hour Martinizing Site, DSCA ID 32-0013
H&H Job No. DS0-84

Risk Exposure Scenario: Residential exposure based on 6 hrs per week occupancy (typical parishioner)

Cumulative Carcinogenic Risk								
Unit	**Compound**	**Exposure Conc. ug/m^3**	**IUR $(ug/m^3)^{-1}$**	**AT days**	**EF days/yr**	**ED years**	**ET hr/day**	**LICR**
1414-Front	Tetrachloroethene	2.70	2.60E-07	25550	208	30	1.500	0.00000001
	Trichloroethene	0.083	4.10E-06	25550	208	30	1.500	0.00000001
							Total	**1.6E-08**
1414-Rear	Tetrachloroethene	4.0	2.60E-07	25550	208	30	1.500	0.00000002
							Total	**1.6E-08**

Cumulative Non-Carcinogenic Risk								
Unit	**Compound**	**Exposure Conc. ug/m^3**	**Rfc mg/m^3**	**AT days**	**EF days/yr**	**ED years**	**ET hr/day**	**Hazard Index**
1414-Front	Tetrachloroethene	2.70	4.00E-02	10950	208	30	1.5	0.00240411
	Trichloroethene	0.083	2.00E-03	10950	208	30	1.5	0.00147808
							Total	**0.0039**
1414-Rear	Tetrachloroethene	4.0	4.00E-02	10950	208	30	1.5	0.00356164
							Total	**0.0036**

Notes:
IUR and Rfc concentrations from EPA Regional Screening Level (RSL) Residential Air Table, May 2014.
LICR = Lifetime Incremental Cancer Risk
AT = Averaging Time
IUR = Inhalation Unit Rate
Rfc = Reference Concentration
EF = Exposure Frequency
ED = Exposure Duration
ET = Exposure Time

DSCA Indoor Air Risk Calculator - Cumulative Risk for Resident
Version 3, 1/16/2015

DSCA ID No: 32-0013
Name/Address of DSCA Site: One Hour Martinizing, 1103 West Club Blvd, Durham, NC
Name/Address of Sampling Location: Residence, 1419 Dollar Ave, Durham, NC

Sampling Date: 1/27/2015
Sample ID: 1419-Down

CAS	Chemical Name	Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06 (ug/m3)	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2 (ug/m3)	Calculated Carcinogenic Risk (CR)	Calculated Non-Carcinogenic Hazard Quotient (HI)
127-18-4	Tetrachloroethylene	0.28	1.08E+01	8.34E+00	2.59E-08	0.0067
				Cumulative:	2.59E-08	0.01

Notes:

1. Target indoor air concentrations calculated using the EPA Vapor Intrusion Screening Level (VISL) Calculator, which is based on the EPA Regional Screening Levels. Note that concentrations are equivalent to the Inactive Hazardous Sites Branch (IHSB) VISLs.

2. Cumulative carcinogenic risk (CR) and hazard index (HI) calculated using the following formulas, per the procedure detailed in the EPA Regional Screening Levels User's Guide.

$CR = [(Conc_x/SL_x) + (Conc_y/SL_y) + (Conc_z/SL_z)] \times 10^{-6}$

Where,
Conc = indoor air concentration for constituent of concern
SL = target indoor air concentration for constituent of concern based on carcinogenic risk of 10^{-6}

$HI = [(Conc_x/SL_x) + (Conc_y/SL_y) + (Conc_z/SL_z)]$

Where,
Conc = indoor air concentration for constituent of concern
SL = target indoor air concentration for constituent of concern based on hazard quotient of 1*
* = Tabulated values are based on a hazard quotient of 0.2. These values are multiplied by 5 to convert to a hazard quotient of 1.

DSCA Indoor Air Risk Calculator - Cumulative Risk for Resident
Version 3, 1/16/2015

DSCA ID No: 32-0013
Name/Address of DSCA Site: One Hour Martinizing, 1103 West Club Blvd, Durham, NC
Name/Address of Sampling Location: Residence, 1419 Dollar Ave, Durham, NC

Sampling Date: 1/27/2015
Sample ID: 1419-Up

CAS	Chemical Name	Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06 (ug/m3)	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2 (ug/m3)	Calculated Carcinogenic Risk (CR)	Calculated Non-Carcinogenic Hazard Quotient (HI)
127-18-4	Tetrachloroethylene	0.29	1.08E+01	8.34E+00	2.69E-08	0.0070
				Cumulative:	2.69E-08	0.01

Notes:

1. Target indoor air concentrations calculated using the EPA Vapor Intrusion Screening Level (VISL) Calculator, which is based on the EPA Regional Screening Levels. Note that concentrations are equivalent to the Inactive Hazardous Sites Branch (IHSB) VISLs.

2. Cumulative carcinogenic risk (CR) and hazard index (HI) calculated using the following formulas, per the procedure detailed in the EPA Regional Screening Levels User's Guide.

$CR = [(Conc_x/SL_x) + (Conc_y/SL_y) + (Conc_z/SL_z)] \times 10^{-6}$

Where,
Conc = indoor air concentration for constituent of concern
SL = target indoor air concentration for constituent of concern based on carcinogenic risk of 10^{-6}

$HI = [(Conc_x/SL_x) + (Conc_y/SL_y) + (Conc_z/SL_z)]$

Where,
Conc = indoor air concentration for constituent of concern
SL = target indoor air concentration for constituent of concern based on hazard quotient of 1*
* = Tabulated values are based on a hazard quotient of 0.2. These values are multiplied by 5 to convert to a hazard quotient of 1.

DSCA Indoor Air Risk Calculator - Cumulative Risk for Resident
Version 3, 1/16/2015

DSCA ID No: 32-0013
Name/Address of DSCA Site: One Hour Martinizing, 1103 West Club Blvd, Durham, NC
Name/Address of Sampling Location: Gilligan Residence, 1421 Dollar Ave, Durham, NC

Sampling Date: 1/27/2015
Sample ID: 1421-Down

CAS	Chemical Name	Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06 (ug/m3)	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2 (ug/m3)	Calculated Carcinogenic Risk (CR)	Calculated Non-Carcinogenic Hazard Quotient (HI)
127-18-4	Tetrachloroethylene	0.36	1.08E+01	8.34E+00	3.33E-08	0.0086
				Cumulative:	3.33E-08	0.01

Notes:

1. Target indoor air concentrations calculated using the EPA Vapor Intrusion Screening Level (VISL) Calculator, which is based on the EPA Regional Screening Levels. Note that concentrations are equivalent to the Inactive Hazardous Sites Branch (IHSB) VISLs.

2. Cumulative carcinogenic risk (CR) and hazard index (HI) calculated using the following formulas, per the procedure detailed in the EPA Regional Screening Levels User's Guide.

$CR = [(Conc_x/SL_x) + (Conc_y/SL_y) + (Conc_z/SL_z)] \times 10^{-6}$

Where,
Conc = indoor air concentration for constituent of concern
SL = target indoor air concentration for constituent of concern based on carcinogenic risk of 10^{-6}

$HI = [(Conc_x/SL_x) + (Conc_y/SL_y) + (Conc_z/SL_z)]$

Where,
Conc = indoor air concentration for constituent of concern
SL = target indoor air concentration for constituent of concern based on hazard quotient of 1*
* = Tabulated values are based on a hazard quotient of 0.2. These values are multiplied by 5 to convert to a hazard quotient of 1.

DSCA Indoor Air Risk Calculator - Cumulative Risk for Resident
Version 3, 1/16/2015

DSCA ID No: 32-0013
Name/Address of DSCA Site: One Hour Martinizing, 1103 West Club Blvd, Durham, NC
Name/Address of Sampling Location: Gilligan Residence, 1421 Dollar Ave, Durham, NC

Sampling Date: 1/27/2015
Sample ID: 1421-Up

CAS	Chemical Name	Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06 (ug/m3)	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2 (ug/m3)	Calculated Carcinogenic Risk (CR)	Calculated Non-Carcinogenic Hazard Quotient (HI)
127-18-4	Tetrachloroethylene	0.41	1.08E+01	8.34E+00	3.80E-08	0.0098
				Cumulative:	3.80E-08	0.01

Notes:

1. Target indoor air concentrations calculated using the EPA Vapor Intrusion Screening Level (VISL) Calculator, which is based on the EPA Regional Screening Levels. Note that concentrations are equivalent to the Inactive Hazardous Sites Branch (IHSB) VISLs.

2. Cumulative carcinogenic risk (CR) and hazard index (HI) calculated using the following formulas, per the procedure detailed in the EPA Regional Screening Levels User's Guide.

$CR = [(Conc_x/SL_x) + (Conc_y/SL_y) + (Conc_z/SL_z)] \times 10^{-6}$

Where,
Conc = indoor air concentration for constituent of concern
SL = target indoor air concentration for constituent of concern based on carcinogenic risk of 10^{-6}

$HI = [(Conc_x/SL_x) + (Conc_y/SL_y) + (Conc_z/SL_z)]$

Where,
Conc = indoor air concentration for constituent of concern
SL = target indoor air concentration for constituent of concern based on hazard quotient of 1*
* = Tabulated values are based on a hazard quotient of 0.2. These values are multiplied by 5 to convert to a hazard quotient of 1.