MEMORANDUM

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SMARTER ENVIRONMENTAL SOLUTIONS

To: Billy Meyer

From: Christie Zawtocki, PE
Greg Kanellis, PE

Date: March 7, 2017

Project: One Hour Martinizing Site, DSCA ID #DC320013
1103 W Club Blvd, Durham, NC

Subject: Project Update

Hart & Hickman, PC (H&H) is submitting this update regarding groundwater monitoring activities completed at the One Hour Martinizing site in January 2017. The groundwater monitoring was conducted approximately one and a half years after completion of the July 2015 PlumeStop™ injection and approximately three years after the January 2014 EHC injection on the source property. A brief summary of the monitoring activities and results is provided below.

Groundwater Sampling Activities and Results

In January 2017, H&H completed a post-injection groundwater sampling event to evaluate shallow groundwater conditions approximately three years after the EHC injection and one and a half years after the PlumeStop™ injection. Figure 1 depicts the shallow EHC injection locations, and Figure 2 depicts the PlumeStop™ injection locations. The goal of the EHC injection was to reduce tetrachloroethene (PCE) groundwater concentrations in the source area. The goal of the PlumeStop™ injection was to address increasing PCE concentrations downgradient of the EHC injection area in the vicinity of monitoring well MW-4R and limit further migration of the plume.

The sampling activities were completed on January 24 and 25, 2017. To evaluate the effectiveness of the injections, groundwater samples were collected from the following locations:

- Source property: MW-3R, MW-4R, MW-22S, MW-23S, MW-24S
- North of source property: MW-11
- East of source property: MW-14S, MW-16S
- South of source property: MW-15S, MW-18

The samples were analyzed for volatile organic compounds (VOCs). Field measurements of dissolved oxygen (DO), oxidation-reduction potential (ORP), temperature, pH, conductivity, and turbidity were also collected. In addition, samples from MW-4R, MW-15S, MW-22S, MW-23S, and MW-24S were analyzed for methane, ethane, ethene, and total organic carbon (TOC).

H&H also collected samples from MW-4R and MW-24S for analysis of RCRA metals and samples from MW-14S, MW-16S, MW-22S, and MW-23S for analysis of total iron. The VOC analytical results for the sampled monitoring wells are summarized in the attached Table 1, along with historical site data. The results for the other parameters are summarized in Table 2.

PCE Results

The primary constituent of concern at the site is PCE, and the injection activities were targeted at this compound. Graphs of PCE concentration versus time are provided in Attachment A, and Figure 3A depicts the January 2017 post-injection groundwater PCE concentrations in the shallow groundwater monitoring zone. For comparison, the December 2013 pre-injection groundwater PCE concentration map for the shallow groundwater monitoring zone is included as Figure 3B. Comparison of the December 2013 and January 2017 figures shows that the magnitude and extent of PCE impacts in groundwater have been greatly reduced as a result of the EHC and PlumeStop™ injections.

Within the shallow EHC injection area, PCE concentrations have been reduced by over 99.99% in monitoring wells MW-15S and MW-23S since the January 2014 EHC injection. Concentrations of PCE have remained at non-detectable levels (<0.001 mg/L) in monitoring wells MW-15S and MW-23S since the previous January 2016 post-injection groundwater monitoring event and are notably reduced compared to pre-injection (December 2013) concentrations of 92.4 mg/L and 13.1 mg/L, respectively.

Within and immediately downgradient of the PlumeStop™ injection area, substantial reductions in PCE concentrations have been observed since the July 2015 PlumeStop™ injection event. PCE concentrations in MW-4R (located immediately adjacent to the PlumeStop™ injection area) have remained at non-detectable levels (<0.001 mg/L) since the previous July 2016 post-injection monitoring event, compared to a pre-injection concentration of 3.29 mg/L (June 2015). PCE concentrations in downgradient well MW-24S have also remained at non-detectable levels (<0.001 mg/L), compared to a pre-injection concentration of 0.435 mg/L (June 2015).

Outside of the EHC and PlumeStop™ injection areas, post-injection PCE concentrations have generally been within the range of historical concentrations, with the exception of monitoring wells to the east of the source property. North of the EHC injection area, PCE concentrations in MW-3R have been decreasing over time. Further north across W. Club Blvd, concentrations in MW-11 have been generally consistent with pre-injection levels. PCE concentrations south of the injection area in MW-18 have decreased (0.363 mg/L) compared to pre-injection concentrations (1.18 mg/L). West of the injection area on the source property, PCE concentrations in MW-22S have increased compare to pre-injection concentrations; however, PCE concentrations are still below the maximum historical concentration detected in this well. PCE concentrations in the eastern shallow monitoring wells MW-14S and MW-16S have increased to 0.805 mg/L and 0.420 mg/L, respectively, compared to their respective pre-injection concentrations 0.0312 mg/L and 0.112 mg/L (December 2013). A groundwater gradient map is provided as Figure 4, which depicts the groundwater flow direction at the site. Consistent with previous sampling events there is a component of flow from the source property to the east onto

the adjacent residential properties. This easterly flow component appears to be more pronounced than in previous monitoring events.

PCE Degradation Products

The EHC injection was designed to promote both abiotic and biotic degradation of PCE, while the PlumeStop™ injection was designed to quickly reduce concentrations of PCE through sorption and also promote long-term biodegradation. The degradation processes stimulated by the injection activities result 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. Graphs depicting concentrations of PCE and its degradation products in the injection area monitoring wells are provided in Attachment A.

As expected, increases in TCE, cis-1,2-DCE, and VC have been observed in several of the injection area monitoring wells during the post-injection sampling events. In January 2017, the highest concentrations of degradation products continued to be within the EHC injection area in monitoring wells MW-15S and MW-23S. Injection area monitoring wells MW-15S and MW-23S exhibited increased degradation with notable reductions in TCE and/or cis-1,2-DCE and corresponding increases in the final degradation end products, ethene and/or ethane. Concentrations of PCE degradation products are expected to continue to decrease in the injection areas as further degradation occurs. The presence of ethene and ethane in the injection area monitoring wells confirms that complete biodegradation is occurring.

In the PlumeStop™ injection area, concentrations of PCE degradation products have generally decreased. In monitoring well MW-4R, concentrations of TCE, cis-1,2-DCE, and VC have continued to decrease post-injection with only cis-1,2-DCE (0.0418 mg/L) and VC (0.0226 mg/L) detected during the January 2017 sampling event. Ethene and ethane were detected in i MW-4R confirming that complete biodegradation is occurring. A low detection (0.00694 mg/L) of cis-1,2-DCE was observed in MW-24S in January 2017. Concentrations of PCE degradation products are expected to continue to decrease in the injection areas as further degradation occurs.

Outside of the injection areas, concentrations of PCE degradation products have generally remained stable in downgradient monitoring well MW-11. Consistent with previous sampling events, there were no degradation products detected in monitoring well MW-3R (downgradient of EHC injection).

Acetone and MEK

Short-term increases in acetone and/or 2-butanone (MEK) are commonly observed after injection of bioremediation products, such as HRC (which was injected as part of the PlumeStop™ injection) and EHC. These constituents are produced during fermentation of the organic carbon matter in the injected materials. During the January 2017 sampling event, acetone and MEK concentrations decreased to non-detectable levels in PlumeStop™ source area monitoring well MW-4R. A low concentration of acetone (0.0298 mg/L) was detected in monitoring well MW-15S. No other concentrations of acetone and MEK were detected.

Geochemical Parameters

The analytical results for the geochemical parameters are summarized in Table 2 and graphs are provided in Attachment A. 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. Organic carbon was also injected as part of the PlumeStop™ injection and is designed to promote biodegradation of PCE, similar to the EHC injection. Increases in TOC and/or iron indicate good distribution of the injected materials 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, and MW-23S indicated high concentrations of TOC and iron one month after the EHC injection confirming the EHC was effectively distributed throughout the target injection areas. Three years post-injection, iron and TOC concentrations have decreased significantly; however, iron concentrations remain slightly elevated in monitoring well MW-23S suggesting some of the EHC material remains in the subsurface. In the PlumeStop™ area (MW-4R), TOC concentrations decreased significantly from 190 mg/L in July 2016 to 3.9 mg/L in January 2017.

Following the EHC injection, DO concentrations decreased in the injection area monitoring wells and methane concentrations increased suggesting anaerobic conditions favorable for PCE degradation were achieved post-injection. DO concentrations remained low during the January 2017 sampling event, and methane concentrations remained elevated in the EHC injection area monitoring wells. In the PlumeStop™ injection area, DO concentrations appear to have decreased, and methane has increased in MW-4R and MW-24S since the previous July 2016 sampling event.

In summary, the post-injection sampling results indicate that the EHC and PlumeStop™ materials were effectively distributed throughout the target injection areas, conditions favorable for degradation of PCE were created, and substantial reductions in PCE concentrations have been observed in several monitoring wells. Three years after injection of the EHC, most of the EHC material appears to have been consumed; however, conditions that support degradation of PCE and its degradation products are still present. One and a half years after injection of the PlumeStop™, notable reductions in PCE have been achieved and conditions favorable for PCE degradation have been observed. Additional monitoring will further evaluate the effectiveness of the injections.

Future Sampling Activities

The following additional sampling activities are planned through July 2017.

Soil Gas

Due to PCE concentration increases in groundwater monitoring wells MW-14S and MW-16S on the residential properties east of the former dry-cleaning facility, soil gas samples will be collected from three soil gas sample locations on the 1417 Dollar Ave (SV-35S), 1419 Dollar Ave (SV-18), and 1421 Dollar Ave (SV-19) properties. The purpose of the sampling is to evaluate if any changes in soil gas concentrations have occurred that could pose a risk to the

residents. Figure 5 depicts the soil gas sampling point locations. The soil gas sampling will be performed in March 2017.

Indoor Air

Vapor intrusion mitigation systems with telemetry (digital notification) systems are currently operating at the 1419 Dollar Ave and 1421 Dollar Ave residences. Previous indoor air sampling confirmed that the mitigation systems are effectively reducing indoor air concentrations. The telemetry systems notify H&H via email if the systems malfunction, and H&H can inspect the systems if any notification are received. Operation and maintenance of the telemetry systems at 1419 Dollar Ave and 1421 Dollar Ave will continue and will include site visits, as needed, to confirm proper operation of the systems.

As a conservative measure, the DSCA Program plans to re-sample indoor air at both 1419 Dollar Ave and 1421 Dollar Ave in March 2017. H&H will collect two 7-day indoor air samples from each residence using passive Radiello sampling devices. The results will be provided to the property owners and presented in the next project update.

Groundwater

The monitoring requirements associated with the UIC permit for the injection activities have been fulfilled. The DSCA Program plans to conduct a limited groundwater sampling event in July 2017 to further evaluate the PCE concentration increases observed in monitoring wells east of the source property. The sampling event will include gauging water levels in all site monitoring wells and collecting groundwater samples from four monitoring wells east of the source property: MW-7, MW-14S, MW-16S, and MW-17S. The samples will be analyzed for VOCs and will be field measured for DO, ORP, temperature, pH, and conductivity.

TABLES

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

DSCA ID No.: DC320013

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]																			
DSCA Site No. DC320013 Permanent Monitoring Wells																					
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
	04/20/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00447**	<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
	06/12/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00570**	<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
	07/06/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00498**	<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
	08/27/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00593**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	**0.00139**	<0.050	<0.001
	10/05/15	<0.001	<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	<0.005	<0.001	<0.025	<0.001	<0.025	<0.001
	01/05/16	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00383**	<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
	07/13/16	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	**0.0039**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	**0.00087**	<0.005	<0.0005
	01/24/17	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00247**	<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

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		[mg/L]																			
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
	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
MW-4R	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	<0.025	<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	<0.025	<0.010	<0.500	<0.010
	04/21/15	<0.001	**1.11**	<0.001	<0.001	<0.005	**4.19**	<0.001	<0.010	**0.0862**	**0.0495**	<0.002	<0.001	<0.001	<0.001	<0.001	**0.00288**	<0.025	<0.001	<0.050	<0.001
	06/12/15	<0.001	**1.02**	<0.001	<0.001	<0.005	**3.29**	<0.001	<0.010	**0.126**	**0.116**	<0.003	<0.001	<0.001	<0.001	<0.001	**0.00353**	<0.025	<0.001	**0.189**	<0.001
	07/06/15	<0.001	**1.33**	<0.001	<0.001	<0.005	**2.41**	<0.001	<0.010	**0.0824**	**0.369**	<0.003	<0.001	<0.001	<0.001	<0.001	**0.00340**	<0.025	<0.001	**0.200**	<0.001
	08/27/15	<0.005	**0.208**	<0.005	<0.005	<0.025	**2.22**	<0.005	<0.005	**0.0170**	**0.0478**	<0.015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.125	<0.005	<0.250	<0.005
	10/07/15	<0.005	**0.146**	<0.005	<0.005	<0.005	**1.26**	<0.005	<0.005	**0.0166**	**0.0388**	<0.025	<0.005	<0.005	<0.005	<0.025	<0.005	<0.125	<0.005	<0.125	<0.005
	01/06/16	<0.010	**1.71**	<0.010	<0.010	<0.050	**0.108**	<0.010	<0.010	**0.0187**	**0.582**	<0.030	<0.010	<0.010	<0.010	<0.010	<0.010	<0.250	<0.010	<0.500	<0.010
	07/13/16	<0.005	**0.10**	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	**0.079**	<0.015	<0.005	<0.005	<0.005	<0.005	<0.005	**9.9**	<0.005	**0.076**	<0.005
	01/25/17	<0.001	0.0418	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	**0.0226**	<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.: DC320013

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-11	09/03/08	<0.001	**0.83**	<0.001	**0.023**	<0.005	**0.047**	<0.005	0.0093	**0.16**	**0.020**	<0.003	<0.001	<0.001	<0.001	<0.001	0.0026	<0.05	<0.005	<0.01	<0.001
	02/24/09	<0.001	**0.38**	<0.001	0.012	<0.005	**0.051**	<0.005	0.0058	**0.15**	**0.010**	<0.003	<0.001	<0.001	<0.001	<0.001	0.0010	<0.05	<0.005	<0.01	<0.001
	05/15/09	<0.001	**0.67**	<0.001	0.017	<0.005	**0.052**	<0.005	0.0085	**0.17**	**0.0078**	<0.003	<0.001	<0.001	<0.001	<0.001	0.0012	<0.05	<0.005	<0.01	<0.001
	08/04/09	<0.001	**0.739**	<0.001	0.0185	<0.001	**0.0587**	<0.001	0.0090	**0.224**	**0.0113**	<0.003	<0.001	<0.001	<0.001	<0.001	0.0012	<0.025	<0.001	<0.005	<0.001
	08/20/13	<0.001	**0.623**	<0.001	0.0170	<0.005	**0.0578**	<0.001	0.0108	**0.182**	**0.0152**	<0.002	<0.001	<0.001	<0.001	<0.001	0.00208	<0.005	<0.001	<0.050	<0.001
	07/08/14	<0.001	**0.789**	<0.001	0.0155	<0.005	**0.0517**	<0.001	0.0136	**0.195**	**0.0114**	<0.002	<0.001	<0.001	<0.001	<0.001	0.00194	<0.025	<0.001	<0.050	<0.001
	08/27/15	<0.001	**0.837**	<0.001	0.00849	<0.005	**0.0651**	<0.001	0.0110	**0.168**	**0.0142**	<0.003	<0.001	<0.001	<0.001	<0.001	0.00191	<0.025	<0.001	<0.050	<0.001
	10/06/15	<0.002	**0.509**	<0.002	0.00572	<0.002	**0.0514**	<0.002	0.00857	**0.127**	**0.0121**	<0.010	<0.002	<0.002	<0.002	<0.010	<0.002	<0.050	<0.002	<0.050	<0.002
	01/04/16	<0.001	**0.496**	<0.001	<0.001	<0.005	**0.0509**	<0.001	0.00929	**0.118**	**0.0139**	<0.003	<0.001	<0.001	<0.001	<0.001	0.00111	<0.025	<0.001	<0.050	<0.001
	07/13/16	**0.00058**	**0.77**	<0.0005	0.0072	<0.001	**0.069**	<0.0005	0.010	**0.14**	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	0.0034	<0.005	<0.0005	<0.005	<0.0005
	01/24/17	<0.001	**0.523**	<0.001	0.00524	<0.005	**0.0578**	<0.001	0.00800	**0.126**	**0.0129**	<0.003	<0.001	<0.001	<0.001	<0.001	0.00142	<0.025	<0.001	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<0.001
	04/21/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0257**	<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
	07/07/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0884**	<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
	10/06/15	<0.001	<0.001	<0.001	<0.001	<0.001	**0.186**	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.025	**0.00366**	<0.025	<0.001
	01/05/16	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0386**	<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
	01/24/17	<0.001	<0.001	<0.001	<0.001	<0.005	**0.805**	<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.: DC320013

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-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	0.00153	0.148	<0.010	**0.251**	<0.010
	04/22/15	<0.001	**0.803**	<0.001	<0.001	<0.005	**0.289**	<0.001	<0.010	**0.0376**	**0.301**	<0.002	<0.001	<0.001	<0.001	<0.001	0.00272	0.0536	<0.001	<0.050	<0.001
	07/07/15	<0.001	**1.54**	<0.001	<0.001	<0.005	**0.172**	<0.001	<0.020	**0.0355**	**0.345**	<0.003	<0.001	<0.001	<0.001	<0.001	0.00435	0.163	<0.001	<0.050	<0.001
	10/07/15	<0.005	**0.676**	<0.005	<0.005	<0.005	**0.0197**	<0.005	<0.005	**0.00572**	**0.393**	<0.025	<0.005	<0.005	<0.005	<0.025	<0.005	<0.125	**0.0131**	**0.128**	<0.005
	01/06/16	<0.001	**0.0905**	<0.001	<0.001	<0.005	<0.001	0.00126	<0.001	<0.001	**0.283**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	01/24/17	<0.001	**0.199**	<0.001	<0.001	<0.005	<0.001	0.00209	0.00200	<0.001	**0.182**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	0.0298	<0.001	<0.050	<0.001
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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<0.001
	04/21/15	<0.001	0.00104	<0.001	<0.001	<0.005	**0.196**	<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
	07/07/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.185**	<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
	10/06/15	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0149**	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.025	**0.00377**	<0.025	<0.001
	01/05/16	<0.001	<0.001	<0.001	<0.001	<0.005	**0.279**	<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
	01/24/17	<0.001	<0.001	<0.001	<0.001	<0.005	**0.420**	<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.: DC320013

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-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	<0.050	<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	<0.25	<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	<0.25	<0.005
	04/20/15	<0.001	0.00446	<0.001	<0.001	<0.005	**1.09**	<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
	07/07/15	<0.001	0.00205	<0.001	<0.001	<0.005	**0.577**	<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
	10/05/15	<0.005	0.0146	<0.005	<0.005	<0.005	**0.676**	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.025	<0.005	<0.125	<0.005	<0.125	<0.005
	01/06/16	<0.001	0.0548	<0.001	<0.001	<0.005	**1.12**	<0.001	<0.001	**0.0236**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	01/24/17	<0.001	**0.304**	<0.001	<0.001	<0.005	**0.363**	<0.001	<0.001	**0.0369**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	0.00103	<0.025	<0.001	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<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	<0.050	<0.001
	04/21/15	<0.001	0.0191	<0.001	<0.001	<0.005	**0.00457**	<0.001	<0.001	**0.00816**	**0.0387**	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/08/15	<0.001	0.0236	<0.001	<0.001	<0.005	**0.0462**	0.00175	<0.001	**0.0297**	**0.0695**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	10/05/15	<0.001	0.0695	<0.001	<0.001	<0.001	**0.0381**	0.00490	<0.001	**0.0738**	**0.160**	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.025	<0.001	<0.025	<0.001
	01/05/16	<0.001	0.00350	<0.001	<0.001	<0.005	**0.0338**	0.00291	<0.001	**0.00950**	**0.0163**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	01/24/17	<0.001	0.0678	<0.001	<0.001	<0.005	**0.156**	0.00589	<0.001	**0.121**	**0.129**	<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.: DC320013

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**	<0.050	<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
	04/22/15	<0.001	**21.0**	<0.001	<0.001	<0.005	**4.08**	0.00554	<0.100	**1.35**	**0.271**	<0.002	**0.00160**	<0.001	<0.001	0.00447	**0.0462**	2.19	<0.001	2.78	<0.001
	06/12/15	<0.001	**3.84**	<0.001	<0.001	<0.005	**0.255**	0.00423	0.0151	**0.298**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/06/15	<0.001	**23.2**	<0.001	<0.001	<0.005	**0.0512**	0.00344	<0.200	**0.120**	**0.137**	<0.003	**0.00309**	<0.001	<0.001	<0.001	**0.0427**	1.49	<0.001	<1.0	<0.001
	08/27/15	<0.010	**8.27**	<0.010	<0.010	<0.050	<0.010	<0.010	<0.1	<0.010	**5.33**	<0.030	<0.010	<0.010	<0.010	<0.010	**0.0154**	0.496	<0.010	<0.500	<0.010
	10/07/15	<0.025	**1.72**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	**2.87**	<0.125	<0.025	<0.025	<0.025	<0.125	<0.025	<0.625	**0.0674**	<0.625	<0.025
	01/06/16	<0.001	**0.155**	<0.001	<0.001	<0.005	<0.001	0.00408	0.00145	**0.00210**	**0.453**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	01/24/17	<0.001	0.00109	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	**0.00331**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
MW-24S	06/12/15	<0.001	<0.001	<0.001	<0.001	<0.005	**0.435**	<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
	08/27/15	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<50	<1.0
	10/07/15	<0.001	<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	<0.005	<0.001	<0.025	**0.00508**	<0.025	<0.001
	01/06/16	<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
	07/13/16	<0.0005	0.00086	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0015	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.050	<0.0005	0.0012 J	<0.0005
	01/25/17	<0.001	0.00694	<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	0.0345	<0.001	<0.050	<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.: DC320013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	Chloroethane	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	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	Methylene Chloride
		[mg/L]																				
DSCA Site No. DC320013 Permanent Monitoring Wells																						
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	NA
MW-3R	05/31/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.005
	01/08/08	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	02/24/09	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	05/15/09	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	08/04/09	<0.001	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	NA	<0.001	<0.001	<0.001	NA	<0.002
	05/18/12	<0.001	<0.005	<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	NA	<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	<0.001	<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	<0.001	<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	<0.001	<0.005
	03/28/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/20/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	06/12/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/06/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	08/27/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/05/15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/05/16	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/13/16	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.0005	<0.001	<0.0005	<0.005	<0.001
	01/24/17	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005

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

DSCA ID No.: DC320013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	Chloroethane	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	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	Methylene Chloride
		[mg/L]																				
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	NA	N/A
MW-4R	05/31/07	<0.001	<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	NA	<0.005
	01/08/08	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	02/24/09	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	05/15/09	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	08/04/09	<0.001	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	NA	<0.001	<0.001	<0.001	NA	<0.002
	05/17/12	<0.005	<0.025	<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	<0.025	<0.005	NA	<0.025
	01/03/13	<0.01	<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	NA	<0.05
	08/20/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	12/17/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.010	<0.01	<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	NA	<0.010	<0.010	<0.010	<0.010	<0.050
	01/06/15	<0.010	<0.001	<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	NA	<0.010	<0.010	<0.010	<0.010	<0.050
	04/21/15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00149**	<0.010	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	06/12/15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00163**	<0.010	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/06/15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00138**	<0.010	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	08/27/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.050	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.025
	10/07/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.125	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.025
	01/06/16	<0.010	<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	NA	<0.010	<0.010	<0.010	<0.010	<0.050
	07/13/16	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.01	<0.005	<0.05	<0.01
	01/25/17	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005

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

DSCA ID No.: DC320013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	Chloroethane	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	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	Methylene Chloride
		[mg/L]																				
MW-11	09/03/08	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	02/24/09	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	05/15/09	<0.001	<0.005	<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	<0.0025	<0.005	<0.005	NA	<0.005
	08/04/09	<0.001	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	NA	<0.001	<0.001	<0.001	NA	<0.002
	08/20/13	<0.001	<0.001	<0.001	0.00235	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/08/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	08/27/15	<0.001	<0.001	<0.001	0.00113	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/06/15	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.050	<0.002	<0.002	<0.002	<0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.010
	01/04/16	<0.001	<0.001	<0.001	0.00127	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/13/16	<0.0005	<0.0005	<0.001	0.0019	0.00067	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.0005	<0.001	<0.0005	<0.005	<0.001
	01/24/17	<0.001	<0.001	<0.001	0.00111	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<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	<0.01	NA	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01
	05/18/12	<0.001	<0.005	<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	NA	<0.005
	08/22/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	12/20/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	02/27/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/09/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/07/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/05/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/21/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/07/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/06/15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/05/16	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/24/17	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005

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

DSCA ID No.: DC320013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	Chloroethane	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	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	Methylene Chloride
		[mg/L]																				
MW-15S	11/09/09	<0.01	<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	NA	<0.01	<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	**0.00799**	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	12/20/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	03/26/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/25/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.010	<0.01	<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	NA	<0.010	<0.010	<0.010	<0.010	<0.050
	01/06/15	<0.010	<0.001	<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	NA	<0.010	<0.010	<0.010	<0.001	<0.050
	04/22/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/07/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/07/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.125	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.025
	01/06/16	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/24/17	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
MW-16S	11/10/09	<0.01	<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	NA	<0.01	<0.01	<0.01	<0.01	<0.01
	05/18/12	<0.001	<0.005	<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	NA	<0.005
	01/03/13	<0.001	<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	NA	<0.005
	08/21/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	12/19/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	02/27/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	03/27/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/23/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/06/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/21/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/07/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/06/15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/05/16	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/24/17	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005

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

DSCA ID No.: DC320013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	Chloroethane	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	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	Methylene Chloride
		[mg/L]																				
MW-18	11/25/09	<0.025	<0.12	<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	<0.062	<0.12	<0.12	NA	<0.12
	05/18/12	<0.01	<0.05	<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	NA	<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	<0.001	<0.005
	12/17/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	02/26/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	03/26/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/08/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.005	<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	NA	<0.005	<0.005	<0.005	<0.005	<0.025
	01/06/15	<0.005	<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	NA	<0.005	<0.005	<0.005	<0.005	<0.025
	04/20/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/07/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/05/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.125	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.025
	01/06/16	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/24/17	<0.001	<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	NA	<0.001	<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	<0.001	<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	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.001	<0.025
	08/21/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	12/17/13	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	02/28/14	<0.01	<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	NA	<0.01	<0.01	<0.01	<0.01	0.00232J
	03/28/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/24/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/10/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/07/14	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/06/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/21/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/08/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/05/15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/05/16	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/24/17	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005

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

DSCA ID No.: DC320013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	Chloroethane	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	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	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	<0.001	**0.142**	0.00650	0.00197	0.00100	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	12/17/13	0.00394	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	02/28/14	0.00394	<0.1	<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	NA	<0.1	<0.1	<0.1	<0.1	<0.5
	03/28/14	0.00173	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	04/25/14	0.00293	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/10/14	0.00249	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	10/08/14	<0.050	<0.05	<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	NA	<0.050	<0.050	<0.050	<0.050	<0.250
	01/06/15	<0.020	<0.02	<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	NA	<0.020	<0.020	<0.020	<0.020	<0.100
	04/22/15	0.00123	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	06/12/15	0.00102	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/06/15	<0.001	<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	NA	<0.001	<0.001	<0.001	0.00622	<0.005
	08/27/15	<0.010	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.1	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.010	<0.010	<0.010	<0.050
	10/07/15	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.625	<0.025	<0.025	<0.025	<0.025	NA	<0.025	<0.025	<0.025	<0.025	<0.125
	01/06/16	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/24/17	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
MW-24S	06/12/15	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	08/27/15	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<5.0
	10/07/15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	01/06/16	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
	07/13/16	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.0005	<0.001	<0.0005	<0.005	<0.001
	01/25/17	<0.001	<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	NA	<0.001	<0.001	<0.001	<0.001	<0.005
Tier 1 RBSL (or NC 2L Standard)		0.050	3.0	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	NE	0.0030	0.0014	2.0	0.25	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.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Sulfate	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Conductivity	pH	Temperature	Turbidity	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium
	Units	mg/L	mg/L	mg/L	mg/L	mV	mg/L	µs/cm^2	std unit	° C	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-3R	08/05/11	6.57	2.3	<0.00072	10	44.87	NA	125	5.42	20.36	NA	NA	<0.001	<0.0023	NA	NA	NA	NA	NA	NA	NA
	05/18/12	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
	08/20/13	2.75	NA	<0.005	NA	196.2	NA	127	5.52	21.07	NA	2.76	<0.005	<0.005	1.79	NA	NA	NA	NA	NA	NA
	12/16/13	2.52	NA	0.0216	NA	68.1	NA	104	5.21	17.06	NA	NA	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	02/26/14	3.91	NA	<0.005	NA	214.2	NA	138	4.92	16.41	NA	1.19	<0.005	<0.005	0.448	NA	NA	NA	NA	NA	NA
	03/28/14	4.39	NA	<0.005	NA	-262.1	NA	116	5.58	18.65	NA	3.38	<0.005	<0.005	0.801	NA	NA	NA	NA	NA	NA
	04/25/14	3.91	NA	<0.005	NA	100.9	NA	151	5.91	17.28	NA	9.13	<0.005	<0.005	0.360	NA	NA	NA	NA	NA	NA
	07/09/14	1.92	NA	0.00800	NA	200.6	NA	107	5.17	21.54	NA	3.32	<0.005	<0.005	0.590	NA	NA	NA	NA	NA	NA
	10/08/14	2.82	NA	<0.005	NA	98.4	NA	110	5.52	21.10	NA	3.48	<0.005	<0.005	0.336	NA	NA	NA	NA	NA	NA
	01/06/15	2.52	NA	<0.005	NA	100.2	NA	94	7.03	17.60	NA	8.07	<0.005	<0.005	0.436	NA	NA	NA	NA	NA	NA
	04/20/15	2.68	NA	<0.005	NA	188.7	NA	117	5.57	20.89	NA	1.25	<0.005	<0.005	3.17	NA	NA	NA	NA	NA	NA
	06/12/15	2.85	<2.0	<0.005	ND	122.5	14.5	125	5.45	21.38	NA	2.26	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	07/06/15	3.25	NA	<0.005	NA	141.2	NA	126	5.68	21.93	6.10	2.14	<0.005	<0.005	0.599	NA	NA	NA	NA	NA	NA
	08/27/15	3.26	2.51	<0.005	ND	97.3	16.3	103	5.32	20.72	7.56	2.04	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/06/15	3.85	<2.0	<0.005	ND	-52.6	153	214	6.66	24.47	4.35	10.6	<0.005	<0.005	0.620	NA	NA	NA	NA	NA	NA
	01/05/16	4.96	<2.0	<0.005	ND	126.4	12.4	124	5.86	13.86	1.83	2.06	0.00571	0.00599	0.349	NA	NA	NA	NA	NA	NA
	07/13/16	2.72	NA	<0.002	NA	111.1	NA	123	5.45	24.13	NA	4.10	<0.001	<0.001	NA	NA	NA	NA	NA	NA	NA
	01/24/17	2.83	NA	NA	NA	205.9	NA	101	5.14	17.40	2.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4R	05/17/12	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
	08/20/13	0.93	NA	<0.005	NA	157.9	NA	88	5.59	20.46	NA	<1.0	<0.005	<0.005	0.814	NA	NA	NA	NA	NA	NA
	12/17/13	2.47	NA	<0.005	NA	89.1	NA	84	5.59	15.16	NA	NA	<0.005	<0.005	NA	<0.0100	0.150	<0.00100	0.00540	<0.00500	<0.0100
	02/26/14	1.55	NA	<0.005	NA	209.8	NA	105	5.50	16.15	NA	<1.00	<0.005	<0.005	1.19	<0.0100	0.150	<0.00100	0.00540	<0.00500	<0.0100
	03/27/14	1.97	NA	<0.005	NA	-263.1	NA	88	6.19	15.25	NA	<1.00	<0.005	<0.005	0.179	<0.0100	0.135	<0.00100	<0.00500	<0.00500	<0.0100
	04/24/14	1.92	NA	<0.005	NA	-103.4	NA	102	7.78	15.75	NA	<1.00	<0.005	<0.005	0.486	<0.0100	0.133	<0.00100	<0.00500	<0.00500	<0.0100
	07/09/14	1.79	NA	<0.005	NA	181.2	NA	92	5.79	22.58	NA	<1.00	<0.005	<0.005	0.393	<0.0100	0.137	<0.00100	<0.00500	<0.00500	<0.0100
	10/08/14	3.03	NA	<0.005	NA	100.2	NA	92	5.70	20.58	NA	<1.00	<0.005	<0.005	0.149	<0.0100	0.109	<0.00100	<0.00500	<0.00500	<0.0100
	01/06/15	2.18	NA	<0.005	NA	100.2	NA	87	5.98	14.93	NA	1.20	<0.005	<0.005	0.102	<0.0100	0.146	<0.00100	<0.00500	<0.00500	<0.0100
	04/21/15	1.81	NA	0.0209	NA	520.5	NA	156	5.61	18.12	NA	1.77	<0.005	<0.005	<0.100	<0.0100	0.236	<0.00100	<0.00500	<0.00500	<0.0100
	06/12/15	0.76	11.3	0.0906	ND	47.2	85.9	274	5.90	20.59	NA	2.60	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	07/06/15	0.50	NA	0.147	NA	113.1	NA	386	6.06	21.56	5.44	2.86	<0.005	<0.005	<0.100	<0.0100	0.662	<0.00100	<0.00500	<0.00500	<0.0100
	08/28/15	1.14	12.7	0.148	NA	126.3	142	321	6.08	24.04	37.18	1.40	<0.005	0.00817	NA	<0.0100	0.785	<0.00100	<0.00500	<0.00500	<0.0100
	10/07/15	0.75	9.31	0.423	ND	-103.9	163	513	6.70	17.87	7.54	3.47	<0.005	0.0232	<0.100	<0.0100	0.766	<0.00100	<0.00500	<0.00500	<0.0100
	01/06/16	1.65	<2.0	7.95	2.5	-111.3	580	1327	6.60	14.34	3.32	194	<0.005	0.0586	12.5	<0.0100	1.36	0.00180	0.00610	0.00530	0.0108
	07/13/16	0.27	NA	7.65	NA	-85.7	NA	1605	6.51	23.49	NA	190	0.00512	0.0134	NA	<0.0100	1.50	<0.00100	<0.00500	<0.00500	<0.0200
	01/25/17	0.26	NA	10.9	NA	-71.5	NA	745	6.38	16.30	12.50	3.85	0.0842	0.0100	NA	<0.0100	0.665	0.00330	<0.00500	<0.00500	<0.0100

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

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Sulfate	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Conductivity	pH	Temperature	Turbidity	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium
	Units	mg/L	mg/L	mg/L	mg/L	mV	mg/L	µs/cm^2	std unit	° C	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-11	08/20/13	0.48	NA	NA	NA	179.1	NA	503	6.12	21.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/08/14	1.96	NA	NA	NA	13.7	NA	539	6.32	23.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/15	1.47	7.68	0.0994	ND	142.5	237	465	6.15	20.69	373.5	2.51	0.0162	<0.005	NA	NA	NA	NA	NA	NA	NA
	10/06/15	0.26	NA	0.0988	NA	-99.6	NA	515	6.61	18.84	NA	2.57	0.0135	<0.005	7.56	NA	NA	NA	NA	NA	NA
	01/04/16	1.81	9.01	0.108	0.1	100.4	245	593	6.41	11.32	67.46	2.33	0.0215	<0.005	NA	NA	NA	NA	NA	NA	NA
	07/13/16	0.23	NA	0.026	NA	100.1	NA	607	6.35	25.21	NA	2.5J	0.00585	<0.001	NA	NA	NA	NA	NA	NA	NA
	01/24/17	0.41	NA	NA	NA	53.6	NA	540.6	6.25	16.10	1.61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-14S	05/18/12	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
	08/22/13	3.39	NA	<0.005	NA	0.4	NA	213	6.54	20.95	NA	1.97	<0.005	<0.005	5.23	NA	NA	NA	NA	NA	NA
	12/20/13	5.13	NA	0.0176	NA	123.8	NA	132	6.26	15.30	NA	NA	0.0441	<0.005	NA	NA	NA	NA	NA	NA	NA
	02/27/14	5.95	NA	0.0189	NA	194.4	NA	102	5.94	12.50	NA	NA	<0.005	<0.005	3.71	NA	NA	NA	NA	NA	NA
	03/27/14	5.14	NA	<0.005	NA	185.8	NA	101	5.97	12.73	NA	1.29	<0.005	<0.005	2.94	NA	NA	NA	NA	NA	NA
	04/24/14	5.25	NA	0.00718	NA	-36.3	NA	85	7.62	16.35	NA	1.29	<0.005	<0.005	8.14	NA	NA	NA	NA	NA	NA
	07/09/14	3.49	NA	0.00823	NA	95.6	NA	86	5.81	23.83	NA	<1.0	<0.005	<0.005	5.53	NA	NA	NA	NA	NA	NA
	10/07/14	4.68	NA	0.0304	NA	141.0	NA	59	6.07	16.97	NA	1.52	<0.005	<0.005	51.1	NA	NA	NA	NA	NA	NA
	01/05/15	4.79	NA	0.00551	NA	91.7	NA	63	6.15	14.89	NA	3.84	<0.005	<0.005	21.9	NA	NA	NA	NA	NA	NA
	04/21/15	5.08	NA	0.0124	NA	99.3	NA	61	6.13	16.72	NA	1.10	<0.005	<0.005	17.9	NA	NA	NA	NA	NA	NA
	07/07/15	4.11	NA	0.0214	NA	165.3	NA	90	5.83	23.11	NA	1.41	<0.005	<0.005	12.1	NA	NA	NA	NA	NA	NA
	10/06/15	4.16	NA	0.0152	NA	100.7	NA	74	6.24	17.41	NA	<1.0	<0.005	<0.005	16.3	NA	NA	NA	NA	NA	NA
	01/05/16	2.71	NA	0.0254	NA	124.6	NA	56	6.55	11.27	NA	8.61	<0.005	<0.005	16.5	NA	NA	NA	NA	NA	NA
	01/24/17	4.70	NA	NA	NA	23.2	NA	58.3	6.12	15.2	190	NA	NA	NA	8.89	NA	NA	NA	NA	NA	NA
MW-15S	08/19/13	7.22	NA	NA	NA	170.5	NA	62	5.00	19.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/20/13	6.23	NA	<0.005	NA	132.6	NA	87	6.72	15.83	NA	NA	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	02/26/14	1.01	NA	0.00925	NA	67.0	NA	1,872	4.39	13.61	NA	2,690	<0.005	<0.005	345	NA	NA	NA	NA	NA	NA
	03/26/14	3.42	NA	0.0398	NA	-334.6	NA	1,614	4.64	13.08	NA	1,750	0.00577	0.00835	146	NA	NA	NA	NA	NA	NA
	04/25/14	1.35	NA	0.341	NA	60.6	NA	1,623	6.13	19.42	NA	1,060	0.00529	0.00816	122	NA	NA	NA	NA	NA	NA
	07/10/14	0.24	NA	1.80	NA	-14.7	NA	1,656	5.46	22.36	NA	975	<0.005	0.00582	135	NA	NA	NA	NA	NA	NA
	10/08/14	0.07	NA	0.837	NA	-130.0	NA	1,489	6.59	24.24	NA	64.2	<0.005	<0.005	67.5	NA	NA	NA	NA	NA	NA
	01/06/15	0.87	NA	1.05	NA	-115.9	NA	834	6.60	14.64	NA	23.5	0.00800	0.00687	22.8	NA	NA	NA	NA	NA	NA
	04/22/15	0.15	NA	5.56	NA	-117.7	NA	997	6.72	18.36	NA	7.89	0.0935	0.0369	38.7	NA	NA	NA	NA	NA	NA
	07/07/15	0.23	NA	5.90	NA	-153.5	NA	1,120	7.06	22.74	NA	14.2	0.0831	0.0503	19.5	NA	NA	NA	NA	NA	NA
	10/07/15	0.22	NA	8.13	NA	-129.5	NA	992	7.31	22.14	NA	5.24	0.0660	0.0838	22.0	NA	NA	NA	NA	NA	NA
	01/06/16	1.26	NA	22.0	NA	-140.8	NA	1,439	7.07	13.12	NA	4.05	0.0960	0.0431	14.2	NA	NA	NA	NA	NA	NA
	01/24/17	0.25	NA	4.30	NA	-86.4	NA	999	6.79	13.3	326	NA	0.265	0.166	NA	NA	NA	NA	NA	NA	NA

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

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Sulfate	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Conductivity	pH	Temperature	Turbidity	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium
	Units	mg/L	mg/L	mg/L	mg/L	mV	mg/L	µs/cm^2	std unit	° C	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-16S	05/18/12	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
	08/21/13	4.40	NA	<0.005	NA	201.0	NA	80	5.74	20.89	NA	1.35	<0.005	<0.005	8.99	NA	NA	NA	NA	NA	NA
	12/19/13	3.89	NA	<0.005	NA	108.0	NA	82	5.96	15.69	NA	NA	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	02/27/14	8.16	NA	<0.005	NA	278.3	NA	87	6.33	14.30	NA	1.14	<0.005	<0.005	107	NA	NA	NA	NA	NA	NA
	03/27/14	6.60	NA	<0.005	NA	207.6	NA	82	6.12	13.85	NA	<1.0	<0.005	<0.005	5.03	NA	NA	NA	NA	NA	NA
	04/23/14	4.25	NA	<0.005	NA	-6.5	NA	86	7.68	18.14	NA	1.15	<0.005	<0.005	2.13	NA	NA	NA	NA	NA	NA
	07/10/14	3.49	NA	<0.005	NA	31.9	NA	83	6.06	21.49	NA	1.60	<0.005	<0.005	3.79	NA	NA	NA	NA	NA	NA
	10/06/14	5.95	NA	<0.005	NA	190.2	NA	81	6.33	18.91	NA	2.57	<0.005	<0.005	35.6	NA	NA	NA	NA	NA	NA
	01/06/15	6.53	NA	<0.005	NA	89.2	NA	42	6.61	14.57	NA	2.15	<0.005	<0.005	91.6	NA	NA	NA	NA	NA	NA
	04/21/15	4.88	NA	<0.005	NA	79.5	NA	65	6.08	17.81	NA	5.01	<0.005	<0.005	28.7	NA	NA	NA	NA	NA	NA
	07/07/15	4.96	NA	<0.005	NA	209.2	NA	82	5.7	18.80	NA	1.50	<0.005	<0.005	3.15	NA	NA	NA	NA	NA	NA
	10/06/15	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	2.06	<0.005	<0.005	36.1	NA	NA	NA	NA	NA	NA
	01/05/16	4.77	NA	<0.005	NA	134.6	NA	74	6.50	11.02	NA	1.30	<0.005	<0.005	4.94	NA	NA	NA	NA	NA	NA
	01/24/17	8.25	NA	NA	NA	178.6	NA	52.9	6.11	15.50	9.50	NA	NA	NA	0.781	NA	NA	NA	NA	NA	NA
MW-18	05/18/12	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA
	08/19/13	4.92	NA	<0.005	NA	155.5	NA	74	5.38	19.09	NA	1.01	<0.005	<0.005	13.1	NA	NA	NA	NA	NA	NA
	12/17/13	5.76	NA	<0.005	NA	109.8	NA	41	5.59	16.70	NA	NA	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	02/26/14	5.81	NA	<0.005	NA	188.4	NA	50	5.29	14.46	NA	<1.00	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	03/26/14	6.57	NA	<0.005	NA	-258.4	NA	40	5.55	15.12	NA	<1.00	<0.005	<0.005	0.639	NA	NA	NA	NA	NA	NA
	04/24/14	5.19	NA	0.00895	NA	-44.3	NA	51	6.86	18.25	NA	1.81	<0.005	<0.005	1.95	NA	NA	NA	NA	NA	NA
	07/08/14	5.18	NA	0.00596	NA	122.2	NA	43	5.68	22.93	NA	<1.00	<0.005	<0.005	0.815	NA	NA	NA	NA	NA	NA
	10/08/14	4.78	NA	<0.005	NA	81.1	NA	42	5.72	23.38	NA	<1.00	<0.005	<0.005	0.649	NA	NA	NA	NA	NA	NA
	01/06/15	5.23	NA	<0.005	NA	144.3	NA	35	5.20	12.26	NA	<1.00	<0.005	<0.005	0.857	NA	NA	NA	NA	NA	NA
	04/20/15	5.46	NA	<0.005	NA	174.8	NA	42	5.73	19.30	NA	3.04	<0.005	<0.005	0.590	NA	NA	NA	NA	NA	NA
	07/07/15	4.72	NA	<0.005	NA	98.1	NA	52	6.19	20.25	NA	<1.0	<0.005	<0.005	0.750	NA	NA	NA	NA	NA	NA
	10/05/15	4.27	NA	<0.005	NA	-79.8	NA	38	5.05	15.26	NA	1.02	<0.005	<0.005	1.78	NA	NA	NA	NA	NA	NA
	01/06/16	5.12	NA	<0.005	NA	145.9	NA	50	5.91	11.65	NA	<1.0	<0.005	<0.005	0.743	NA	NA	NA	NA	NA	NA
	01/24/17	3.31	NA	NA	NA	139.4	NA	54.6	5.62	16.70	3.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Dissolved oxygen (DO)	Sulfate	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Conductivity	pH	Temperature	Turbidity	Total organic carbon (TOC)	Ethane	Ethene	Total Iron	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium
	Units	mg/L	mg/L	mg/L	mg/L	mV	mg/L	µs/cm^2	std unit	° C	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-22S	08/21/13	0.39	NA	3.61	NA	-57.1	NA	568	6.56	22.78	NA	4.48	0.160	0.0158	9.17	NA	NA	NA	NA	NA	NA
	12/17/13	1.03	NA	2.65	NA	-40.5	NA	302	6.35	15.02	NA	NA	0.293	0.129	NA	NA	NA	NA	NA	NA	NA
	02/28/14	0.75	NA	8.87	NA	-85.0	NA	2,286	6.54	12.09	NA	569	0.0293	<0.005	344	NA	NA	NA	NA	NA	NA
	03/28/14	0.36	NA	6.02	NA	-319.2	NA	1,637	6.63	19.26	NA	59.2	0.0182	<0.005	144	NA	NA	NA	NA	NA	NA
	04/24/14	0.52	NA	5.75	NA	-113.8	NA	1,528	8.45	19.01	NA	22.1	0.0169	<0.005	60.4	NA	NA	NA	NA	NA	NA
	07/10/14	0.26	NA	3.62	NA	-70.6	NA	1,099	6.51	22.95	NA	10.9	0.0183	<0.005	32.2	NA	NA	NA	NA	NA	NA
	10/07/14	0.13	NA	2.95	NA	-90.4	NA	876	6.66	24.4	NA	7.95	0.0185	0.00618	12.5	NA	NA	NA	NA	NA	NA
	01/06/15	0.58	NA	2.25	NA	-112.9	NA	638	6.82	19.73	NA	6.12	0.0170	0.00742	11.5	NA	NA	NA	NA	NA	NA
	04/21/15	0.28	NA	7.16	NA	-45.1	NA	624	6.63	19.82	NA	3.89	0.0716	0.01450	3.83	NA	NA	NA	NA	NA	NA
	07/08/15	0.24	NA	9.44	NA	-80.5	NA	631	6.78	23.03	NA	3.30	0.207	0.0370	5.12	NA	NA	NA	NA	NA	NA
	10/05/15	0.28	NA	8.31	NA	-159.3	NA	478	7.29	17.92	NA	4.39	0.162	<0.005	40.4	NA	NA	NA	NA	NA	NA
	01/05/16	1.23	NA	7.41	NA	-88.7	NA	507	6.88	15.15	NA	3.52	0.162	<0.005	8.28	NA	NA	NA	NA	NA	NA
	01/24/17	0.31	NA	11.2	NA	-93.7	NA	382	6.38	19.5	1.93	NA	0.287	0.0447	8.15	NA	NA	NA	NA	NA	NA
MW-23S	08/19/13	7.40	NA	0.0196	NA	184.4	NA	65	5.87	20.89	NA	1.89	<0.005	<0.005	2.05	NA	NA	NA	NA	NA	NA
	12/17/13	1.41	NA	0.0898	NA	106.8	NA	60	5.77	19.14	NA	NA	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA
	02/28/14	0.98	NA	0.0545	NA	129.8	NA	1,608	4.63	15.05	NA	861	0.0136	0.0121	173	NA	NA	NA	NA	NA	NA
	03/28/14	1.07	NA	0.0872	NA	-326.3	NA	895	5.46	15.96	NA	476	0.0149	0.0140	157	NA	NA	NA	NA	NA	NA
	04/25/14	0.58	NA	0.103	NA	1.7	NA	593	6.00	16.61	NA	383	0.0138	0.0238	131	NA	NA	NA	NA	NA	NA
	07/10/14	0.41	NA	0.0772	NA	36.7	NA	477	5.32	21.43	NA	162	0.00907	0.0146	48.9	NA	NA	NA	NA	NA	NA
	10/08/14	0.40	NA	0.0489	NA	68.6	NA	1,142	4.98	24.68	NA	237	0.00837	0.0204	75.5	NA	NA	NA	NA	NA	NA
	01/06/15	0.66	NA	0.0951	NA	-58.5	NA	1,650	5.59	17.81	NA	1060	0.0107	0.0408	83.1	NA	NA	NA	NA	NA	NA
	04/22/15	0.28	NA	2.66	NA	-2.6	NA	1,092	5.72	17.70	NA	427	0.174	<0.005	48.7	NA	NA	NA	NA	NA	NA
	06/12/15	0.32	<2.0	6.67	4.5	-101.5	461	1,148	6.27	20.39	NA	250	0.0465	0.232	NA	NA	NA	NA	NA	NA	NA
	07/06/15	0.34	NA	6.16	NA	-122.5	NA	1,138	6.40	20.42	309	117	<0.005	0.181	51.5	NA	NA	NA	NA	NA	NA
	08/27/15	0.49	<1.0	7.65	4.0	-113.2	451	961	6.17	21.61	17.95	52.8	<0.005	0.681	NA	NA	NA	NA	NA	NA	NA
	10/07/15	0.32	<2.0	7.66	ND	-93.6	462	1,142	6.79	20.51	13.93	53.4	<0.005	0.742	52.9	NA	NA	NA	NA	NA	NA
	01/06/16	1.49	<2.0	7.38	3.5	-102.5	508	1,316	6.56	16.40	3.23	17.3	0.0947	0.0520	44.4	NA	NA	NA	NA	NA	NA
	01/24/17	0.25	NA	16.9	NA	-97.7	NA	781	6.54	18.30	0.68	NA	0.230	<0.005	19.4	NA	NA	NA	NA	NA	NA
MW-24S	06/12/15	6.00	<2.0	<0.005	ND	104.2	22.0	65	5.85	23.60	NA	1.10	<0.005	<0.005	NA	<0.0100	0.0678	<0.00100	<0.00500	<0.00500	<0.0100
	07/08/15	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/15	5.64	16.7	<0.005	NR	139.7	87.0	22.4	6.75	23.25	NA	160	<0.005	<0.005	NA	0.0104	2.30	0.00300	0.0587	0.0434	<0.0100
	10/07/15	4.55	<2.0	<0.005	NR	-69.0	46.4	128	6.51	19.75	>1,999	11.5	<0.005	0.00563	NA	NA	NA	NA	NA	NA	NA
	01/06/16	5.70	2.06	<0.005	NR	155.0	30.1	151	6.36	12.82	>1,999	2.37	<0.005	<0.005	NA	<0.0100	0.259	<0.00100	0.0204	0.0111	<0.0100
	07/13/16	0.27	NA	0.0101	NA	-67.8	NA	333	6.46	22.93	NA	23.0	<0.001	<0.001	NA	<0.0100	0.280	<0.00100	<0.00500	<0.00500	<0.0200
	01/25/17	0.29	NA	9.74	NA	-93.2	NA	630	6.57	17.60	3.23	16.0	<0.005	0.00513	NA	<0.0100	0.715	<0.00100	<0.00500	0.0053	<0.0100

Notes:

NA denotes not analyzed; ND denotes non-detect; NA* denotes ferrous iron measurement not recordable due to poor visibility in water sample

FIGURES

TITLE

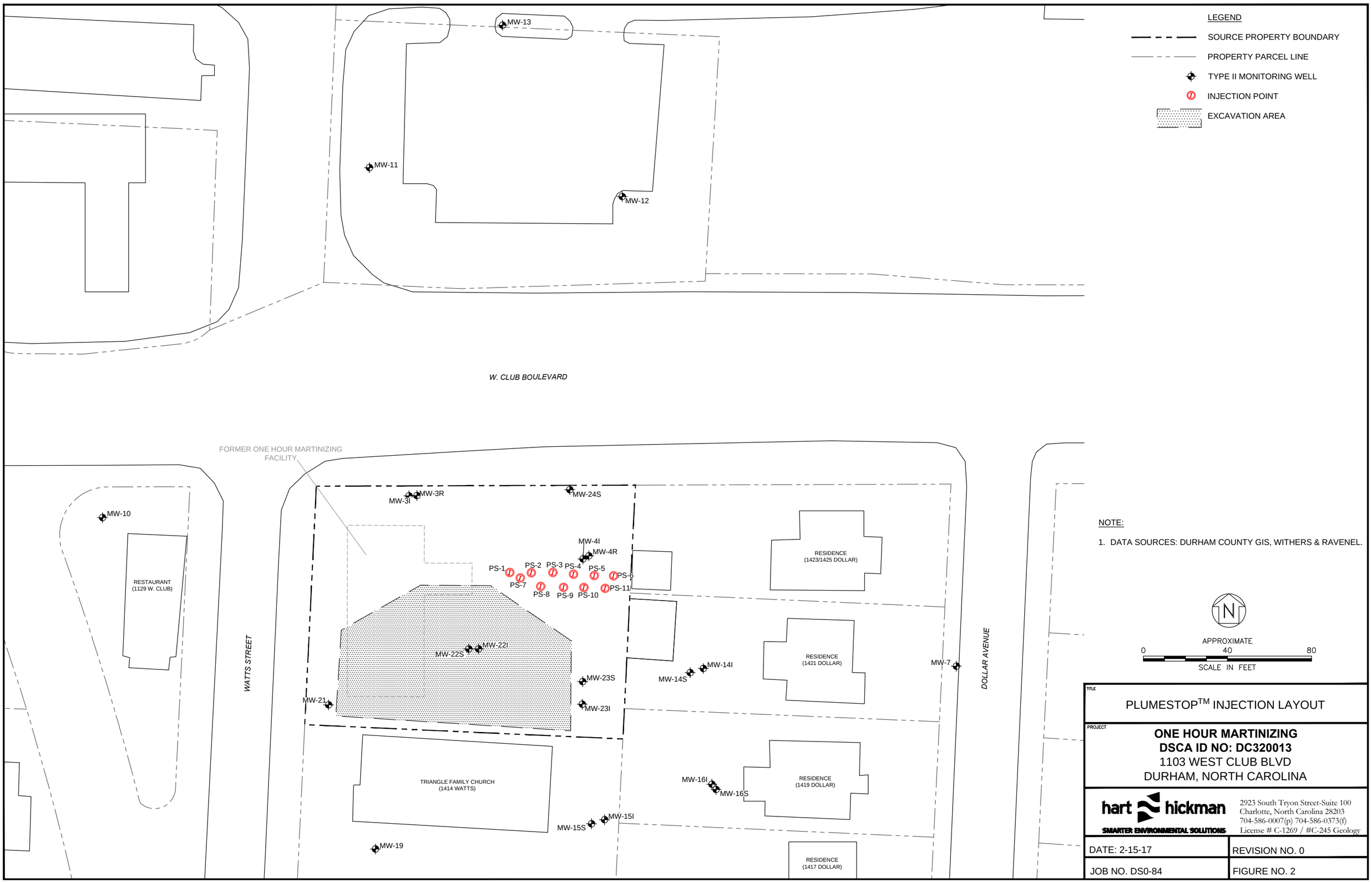
EHC SHALLOW INJECTION POINT LOCATION MAP

PROJECT

ONE HOUR MARTINIZING
DSCA ID NO: DC320013
1103 WEST CLUB BLVD
DURHAM, NORTH CAROLINA

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: 2-15-17	REVISION NO. 0
JOB NO. DS0-84	FIGURE. 1



TITLE

PLUMESTOP™ INJECTION LAYOUT

PROJECT

ONE HOUR MARTINIZING
DSCA ID NO: DC320013
1103 WEST CLUB BLVD
DURHAM, NORTH CAROLINA

hart hickman
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DATE: 2-15-17	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 2

S:\AAA-Master Projects\DSCA - DS0\DS0-84 One Hr Martinizing (former BB&T)\Website Updates\2017 Website Updates\January 2017\Figures\DC320013_20170215.dwg, FIG 3A, 3/7/2017 4:42:39 PM, zbarlow

MW-11
0.0578

MW-12
<0.001

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

MW-3R
0.00711

MW-3I

MW-10
<0.001

RESTAURANT (1129 W. CLUB)

MW-4R
0.907

MW-4I

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

MW-22I

MW-22S
0.00537

MW-23S
92.4

MW-23I

MW-14S/I
0.0312

MW-7
NS

MW-21
<0.001

TRIANGLE FAMILY CHURCH (1414 WATTS)

RESIDENCE (1419 DOLLAR)

MW-16S/I
0.112

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)

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 <0.0007
- 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
- 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: DC320013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
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License # C-1269 / #C-245 Geology

DATE: 2-15-16 | REVISION NO. 0

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

PARKING DECK

NORTHGATE MALL

W. CLUB BOULEVARD

WATTS STREET

DOLLAR AVENUE

GREGSON STREET

FORMER ONE HOUR MARTINIZING FACILITY

RESTAURANT (1129 W. CLUB)

TRIANGLE FAMILY CHURCH (1414 WATTS)

RESIDENCE (1417 WATTS)

RESIDENCE (1415 WATTS)

RESIDENCE (1413 WATTS)

RESIDENCE (1410 WATTS)

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1419 DOLLAR)

RESIDENCE (1417 DOLLAR)

RESIDENCE (1413 DOLLAR)

RESIDENCE (1411 DOLLAR)

RESIDENCE (1409 DOLLAR)

RESIDENCE (1422 DOLLAR)

RESIDENCE (1420 DOLLAR)

RESIDENCE (1418 DOLLAR)

RESIDENCE (1416 DOLLAR)

RESIDENCE (1414 DOLLAR)

RESIDENCE (1412 DOLLAR)

RESIDENCE (1410 DOLLAR)

MW-10 (358.31)

MW-3R (357.12)

MW-3I

MW-24S (354.75)

MW-4R (355.89)

MW-4I

MW-22I (356.07)

MW-22S

MW-23S (355.20)

MW-23I

MW-14S/I (353.54)

MW-21 (358.78)

MW-16S/I (353.80)

MW-15S/I (354.15)

MW-19 (359.68)

MW-6 (359.56)

MW-18 (354.02)

MW-17S/I (354.74)

MW-20I

MW-20S (NG)

MW-13 (351.63)

MW-11 (353.76)

MW-12 (352.08)

MW-7 (353.82)

MW-8 (359.20)

(372.46) MW-9

352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372

LEGEND

- SITE PROPERTY BOUNDARY
- PROPERTY PARCEL
- TYPE II MONITORING WELL
- EXCAVATION AREA
- (352.08) GROUNDWATER ELEVATION
- 353 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DATA SOURCES: DURHAM COUNTY GIS, WITHERS & RAVENEL.
2. MONITORING WELLS GAUGED ON 1/24/17.
3. NG = NOT GAUGED

N

APPROXIMATE
0 80 160
SCALE IN FEET

TITLE
SHALLOW GROUNDWATER GRADIENT MAP
(JANUARY 2017)

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: DC320013
1103 WEST CLUB BLVD
DURHAM, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
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License # C-1269 / #C-245 Geology

DATE: 3-8-17	REVISION NO. 0
JOB NO. DS0-84	ATTACHMENT NO. 4

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

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)

WATTS STREET

DOLLAR AVENUE

SV-50 SV-11 SV-14 SV-17 SV-43S SV-42S SV-16 SV-21S/D SV-22 SV-24 SV-25S/D SV-19 SV-15 SV-20S/D SV-41S/D SV-49S/D SV-8I SV-8S SV-55S/I SV-29S/D SV-18 SV-23 SV-31 SV-26S/D SV-40S/D SV-27S/D SV-28D SV-30S SV-33 SV-32 SV-36S/D SV-35S SV-34S/D SV-39 SV-48S/D SV-37S/D SV-47S/D SV-51S/D SV-38S/D SV-46 SV-44S/D

LEGEND

- SOURCE PROPERTY BOUNDARY
- PROPERTY PARCEL
- SOIL GAS MONITORING POINT
- PROPOSED SOIL GAS SAMPLING LOCATION

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
SUBSURFACE SOIL GAS MONITORING POINT LOCATIONS

PROJECT
ONE HOUR MARTINIZING
DSCA ID NO: DC320013
1103 WEST CLUB BLVD
DURHAM, DURHAM COUNTY

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License # C-1269 / #C-245 Geology

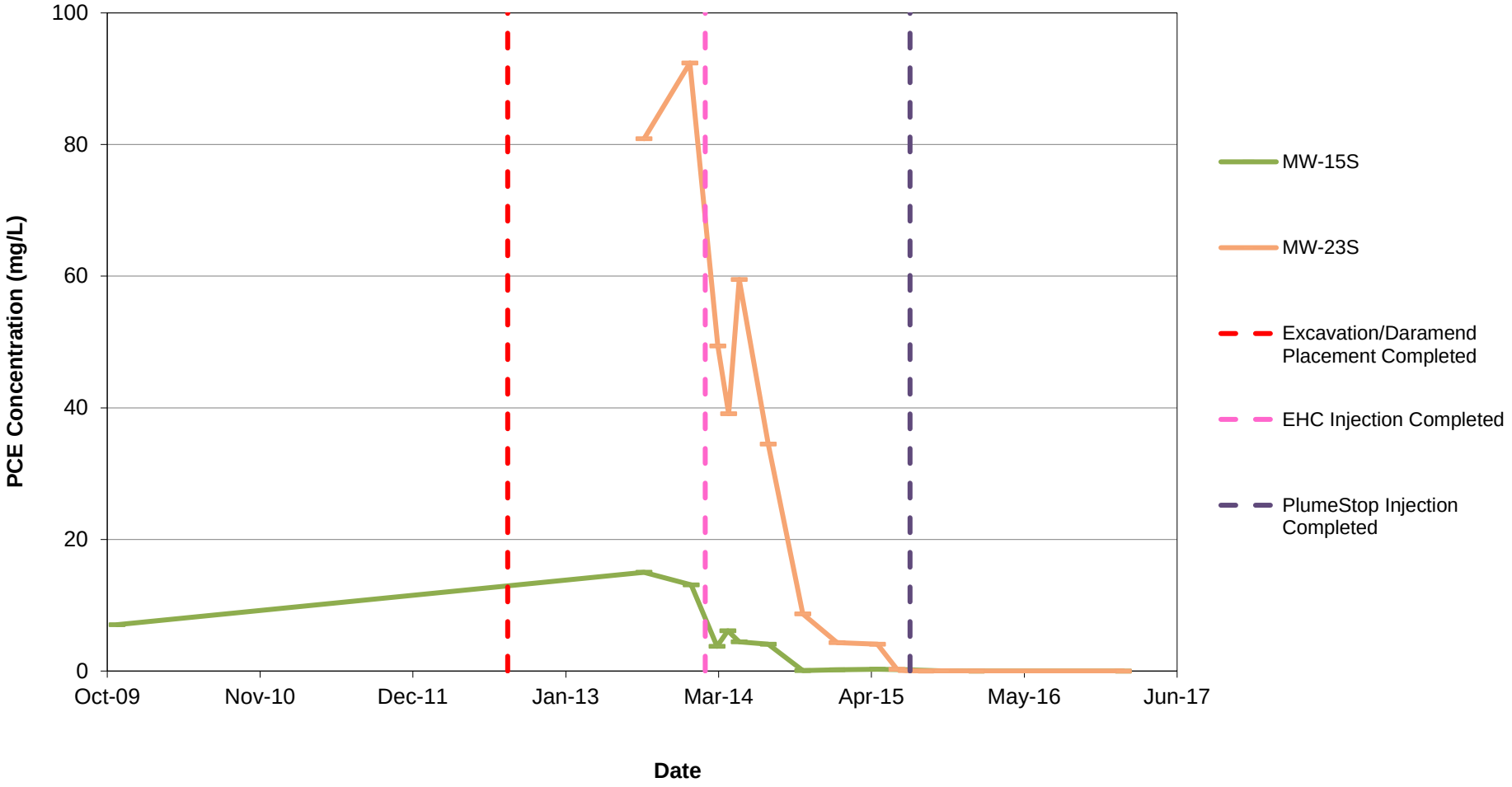
DATE: 3-8-17 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 5

ATTACHMENT A

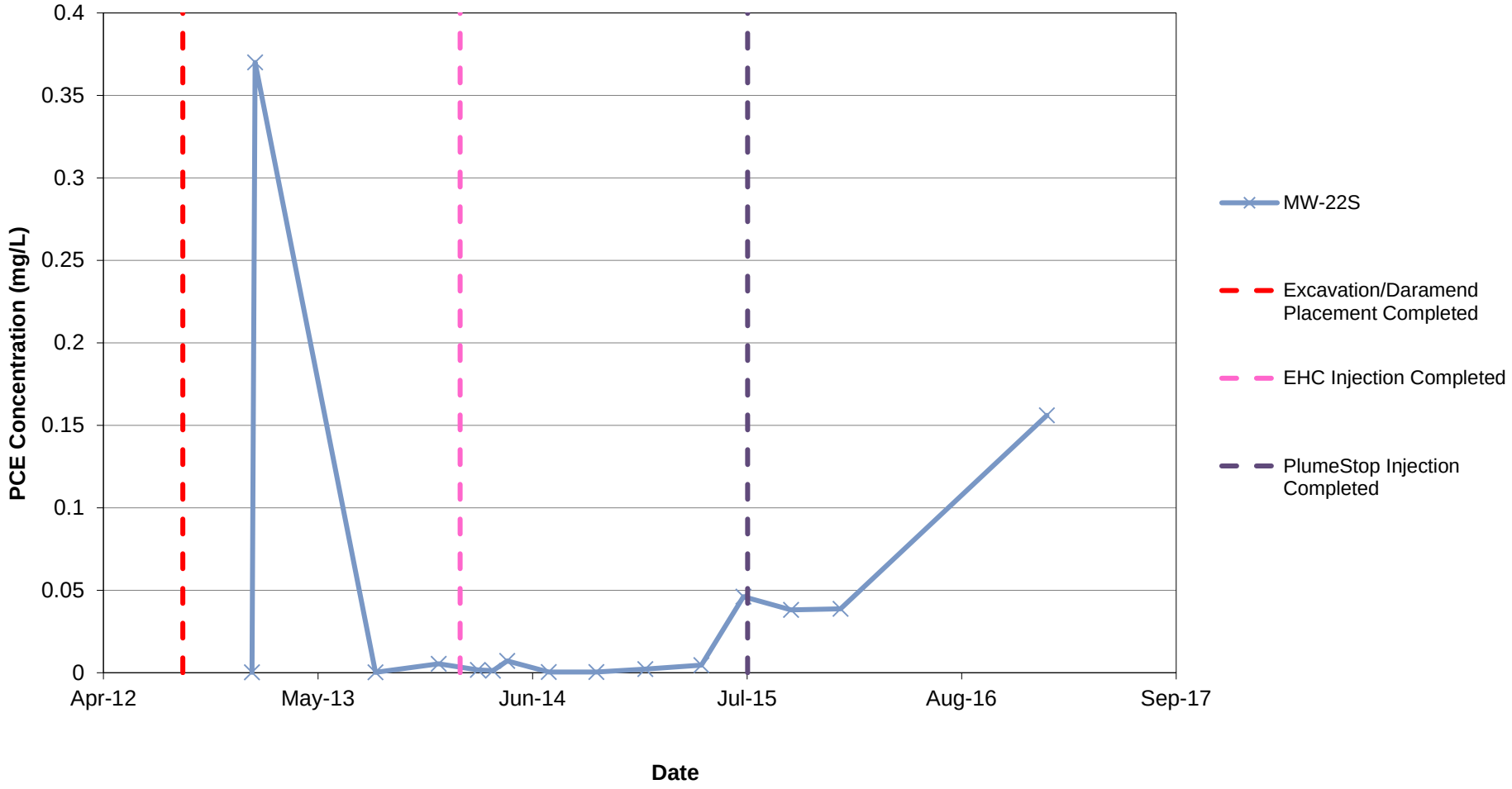
GRAPHS

PCE Groundwater Concentrations vs. Time
EHC Injection Area MWs: MW-15S and W-23S
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



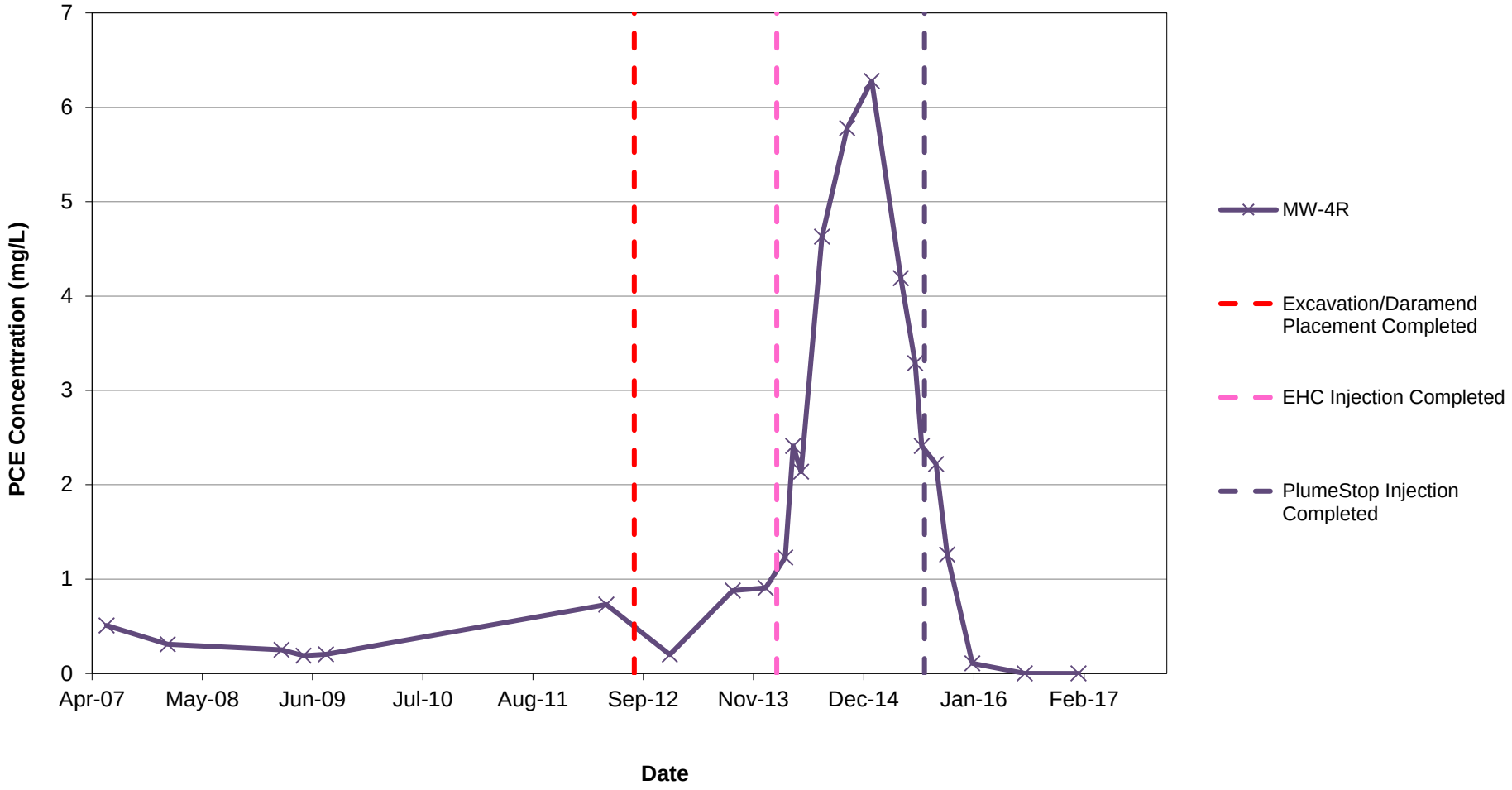
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
EHC Injection Area MWs: MW-22S
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



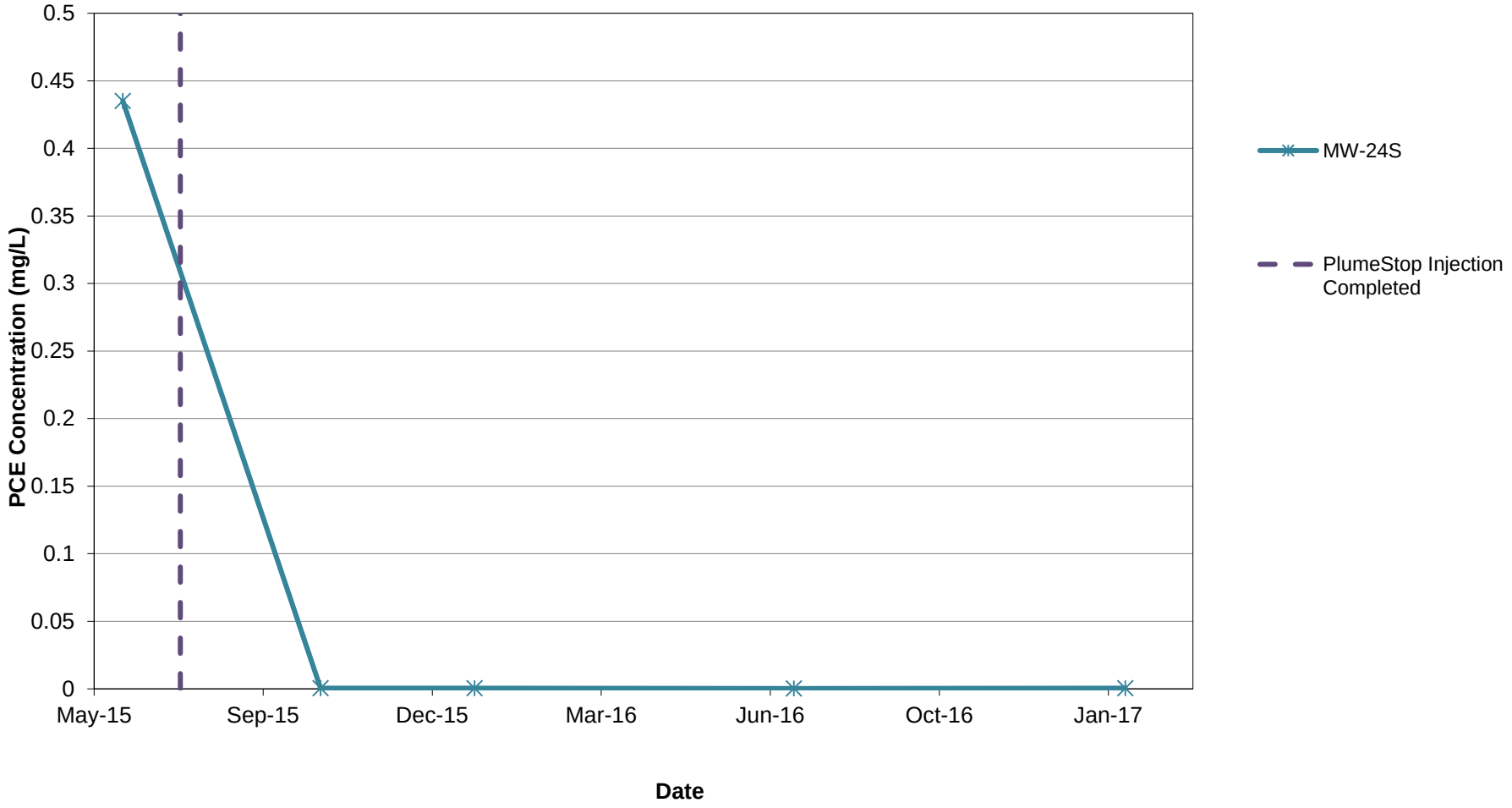
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
PlumeStop Injection Area (North of EHC Injection Area): MW-4R
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



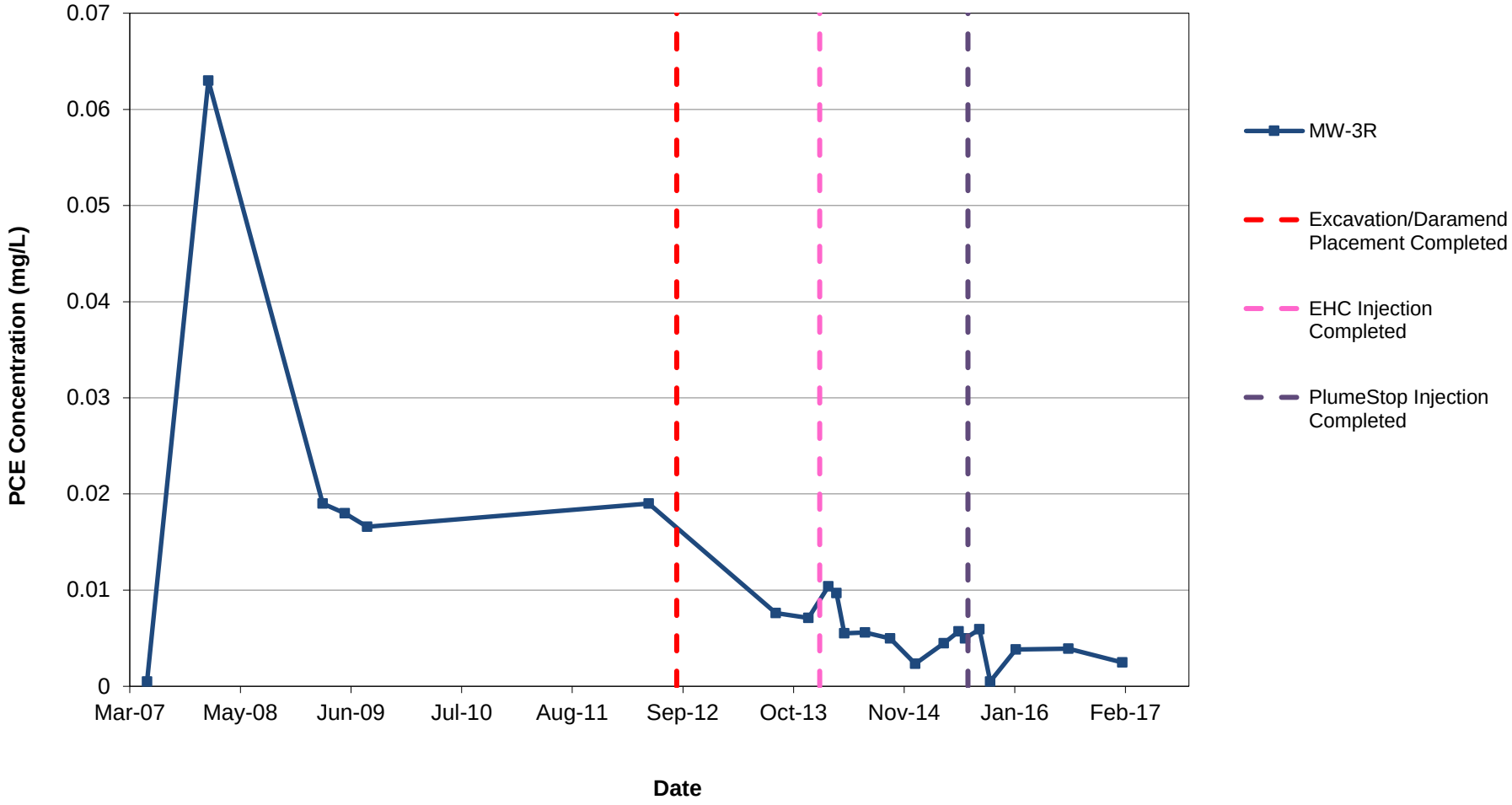
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
PlumeStop Injection Area (North of EHC Injection Area): MW-24S
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



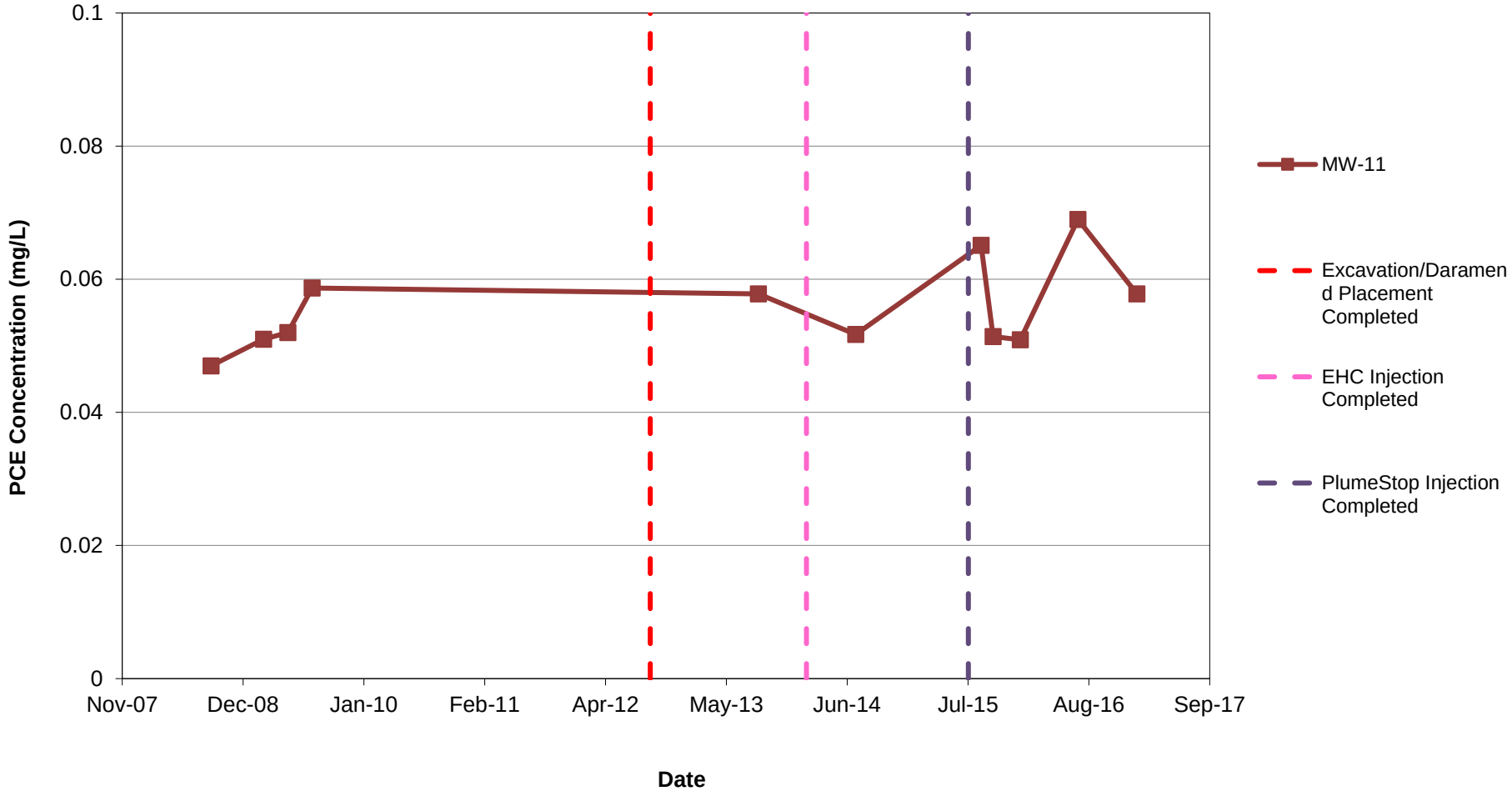
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
North of EHC Injection Area (West of PlumeStop Injection Area): MW-3R
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



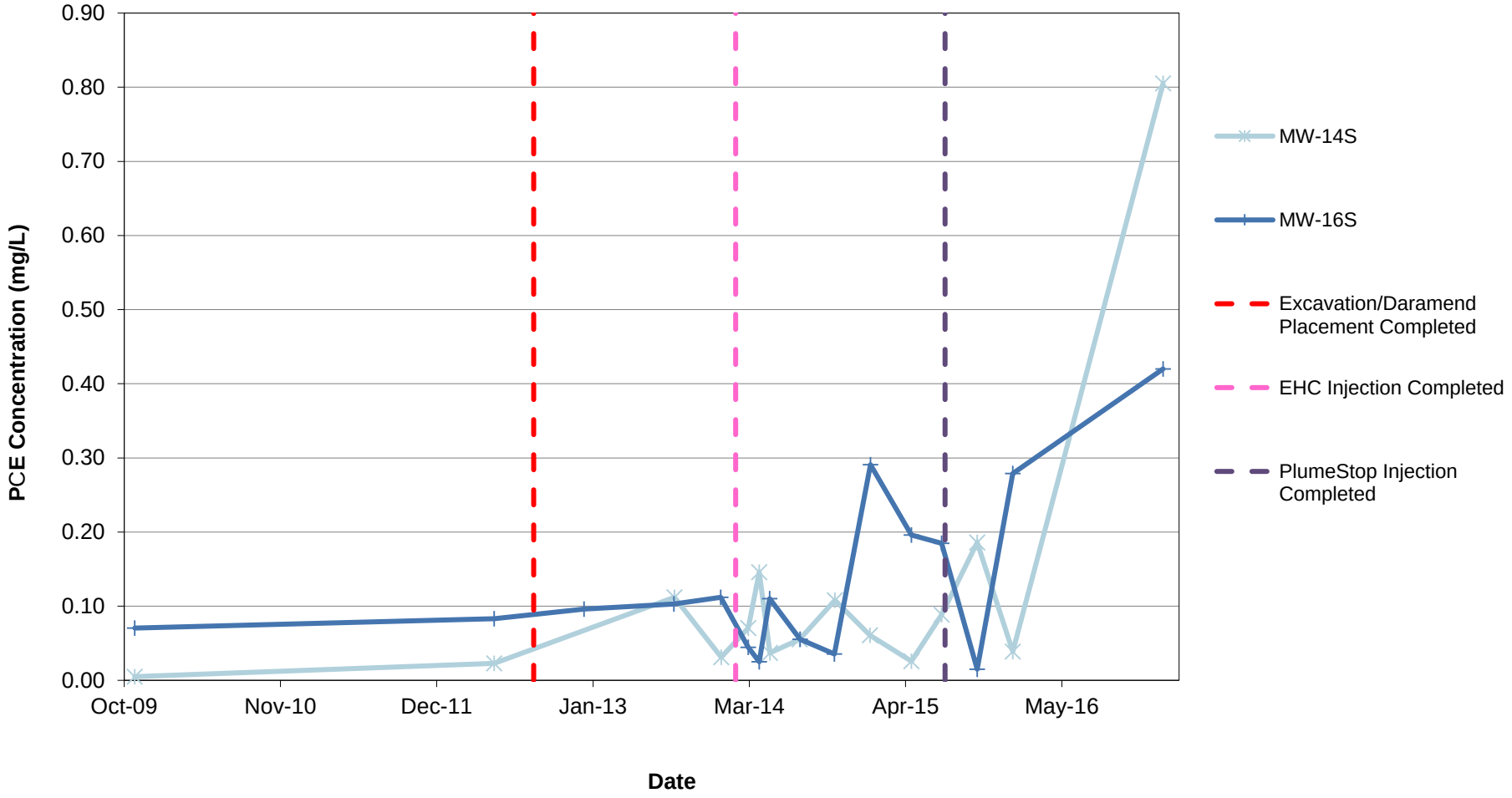
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs North of EHC and PlumeStop Injection Areas: MW-11
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



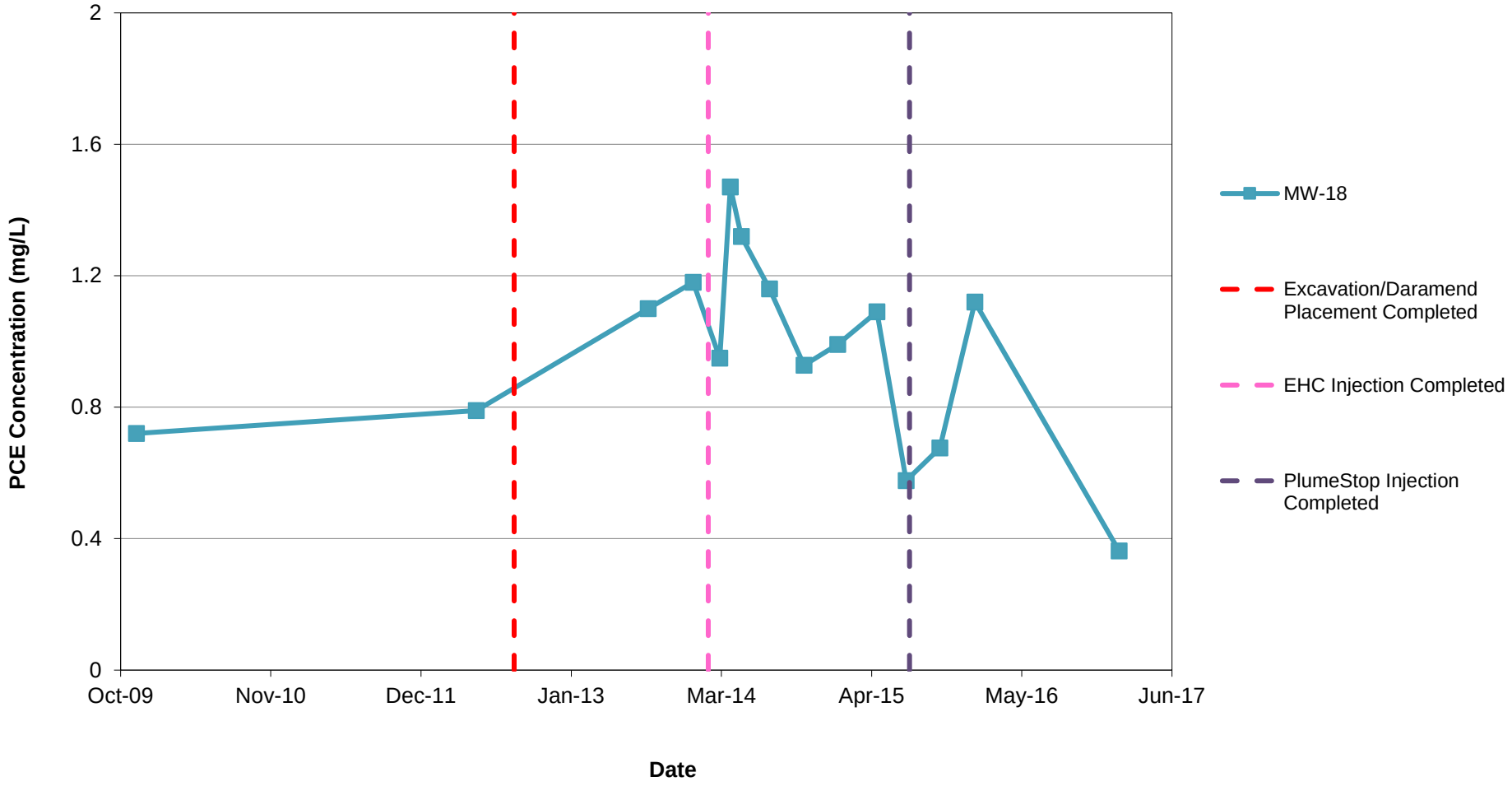
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs East of EHC and PlumeStop Injection Areas: MW-14S and MW-16S
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



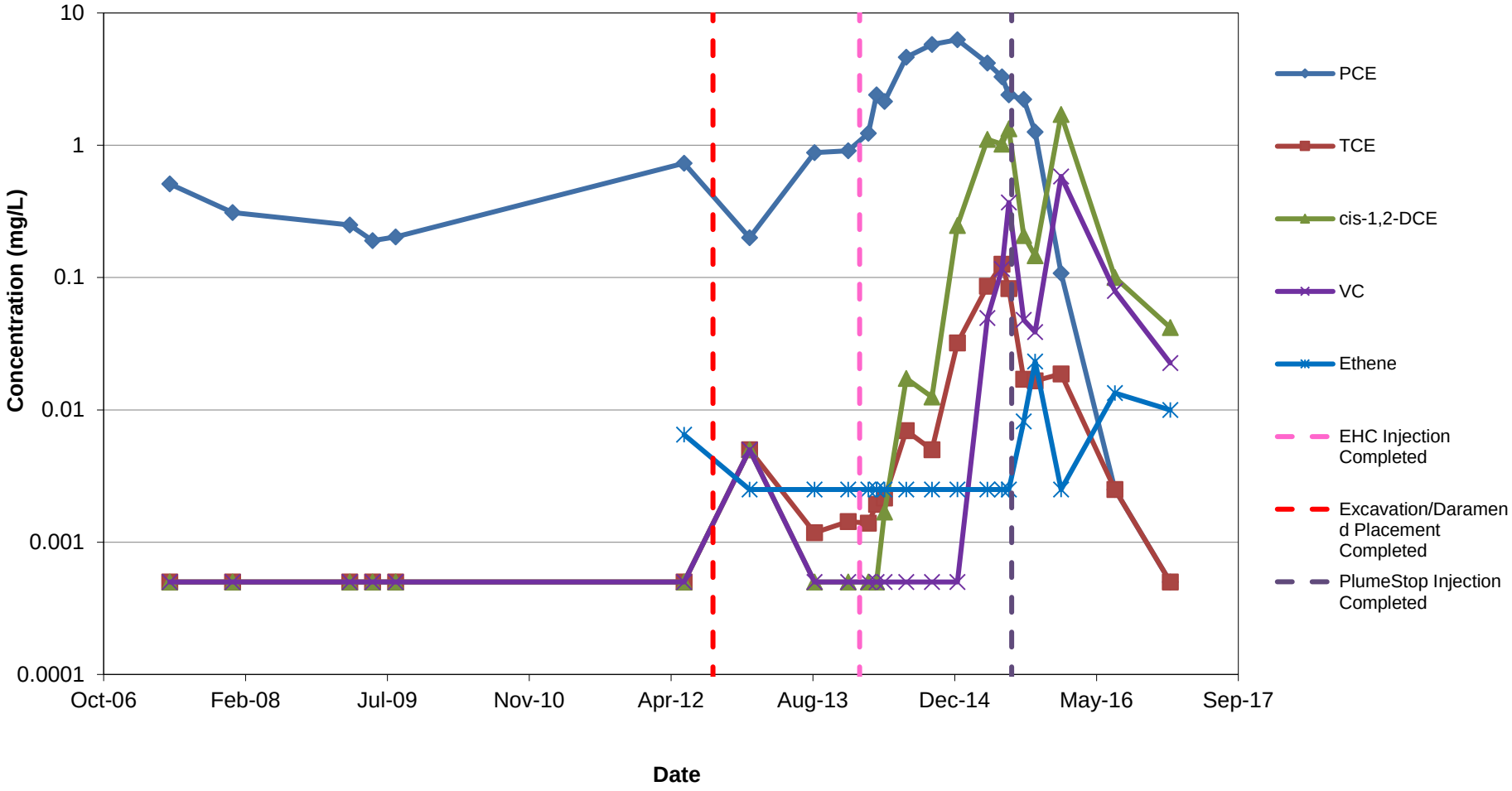
Note: Non-detect values are graphed as half the laboratory method detection limit.

PCE Groundwater Concentrations vs. Time
MWs South of EHC and PlumeStop Injection Areas: MW-18
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



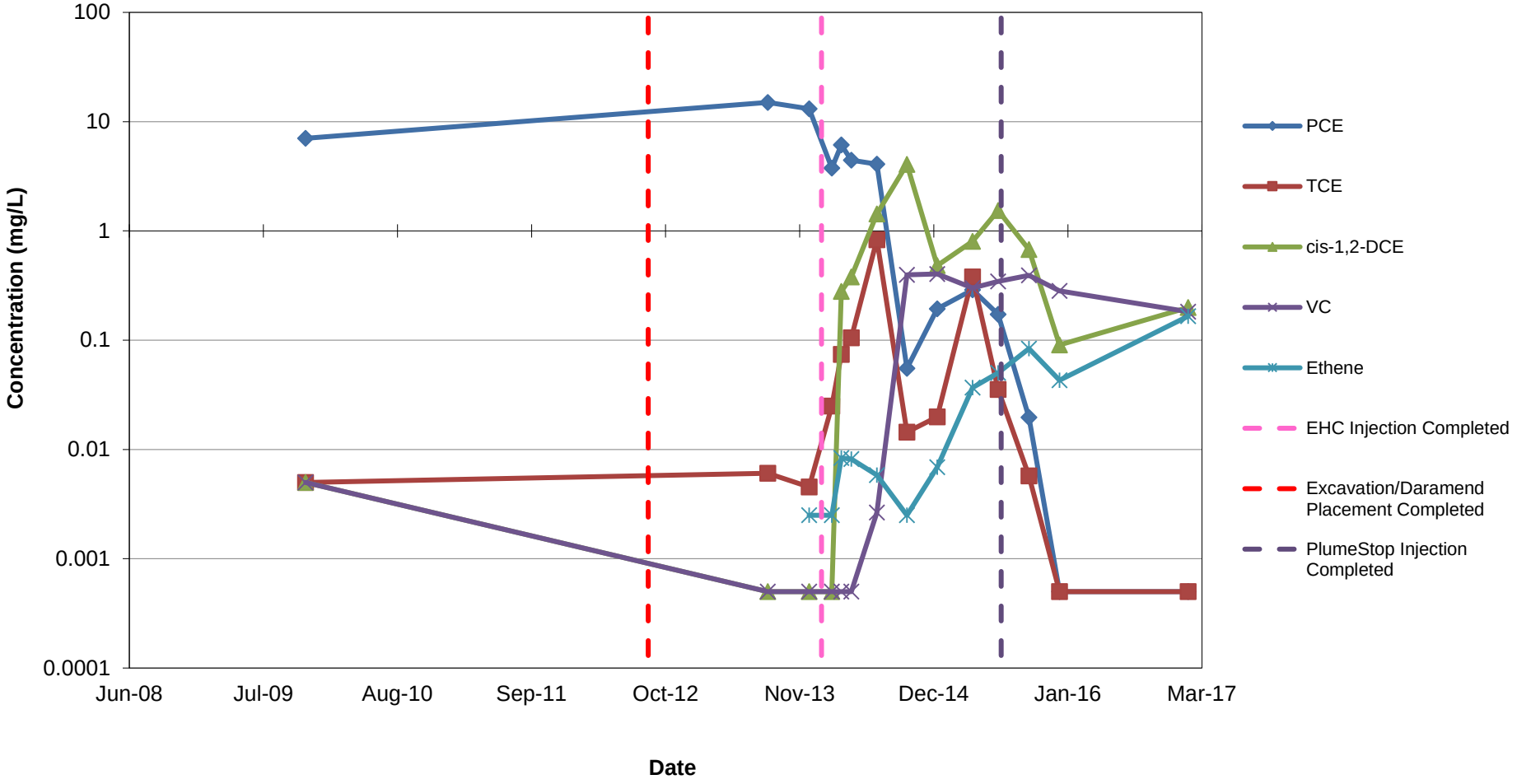
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-4R
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



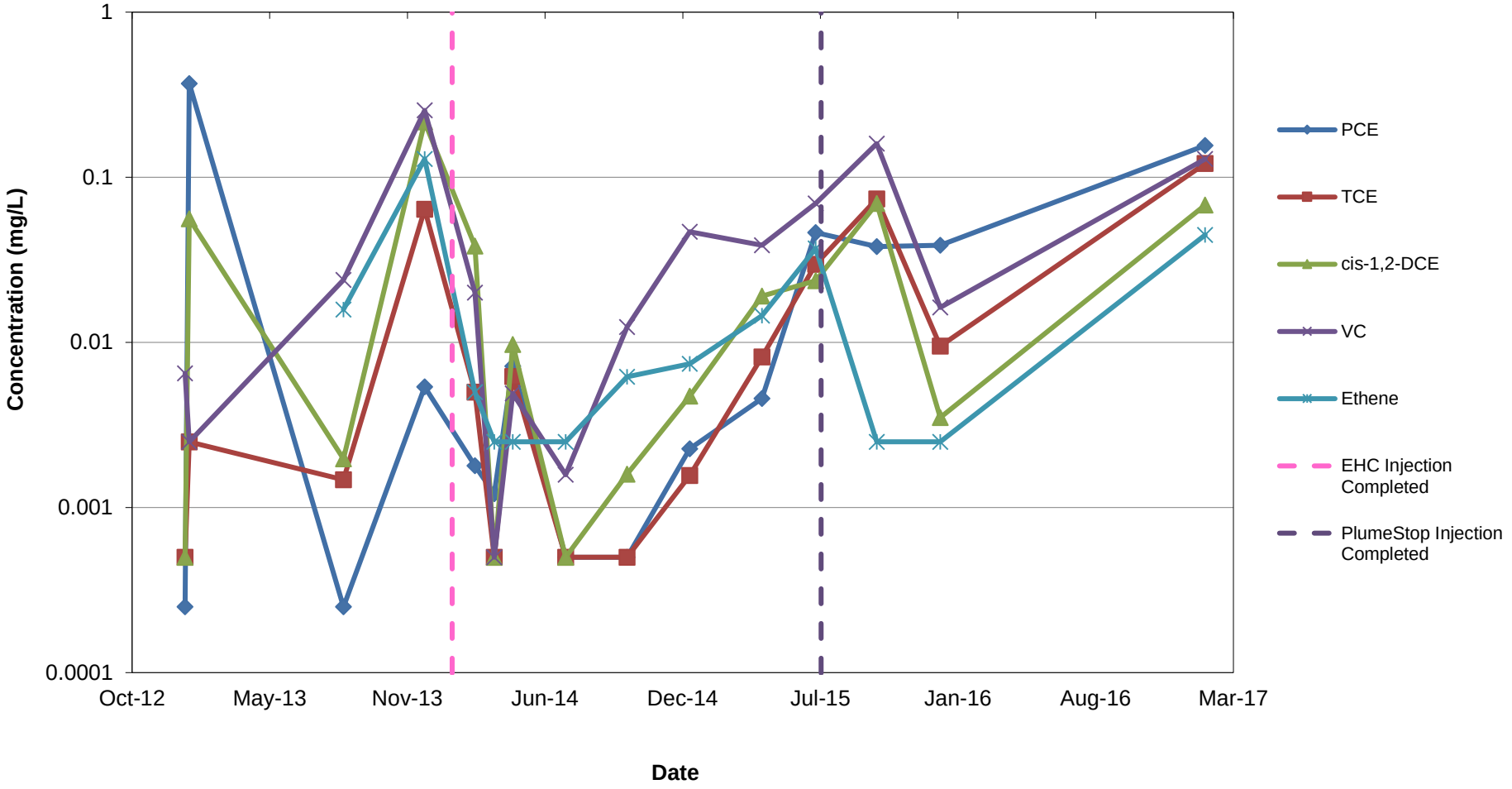
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-15S
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



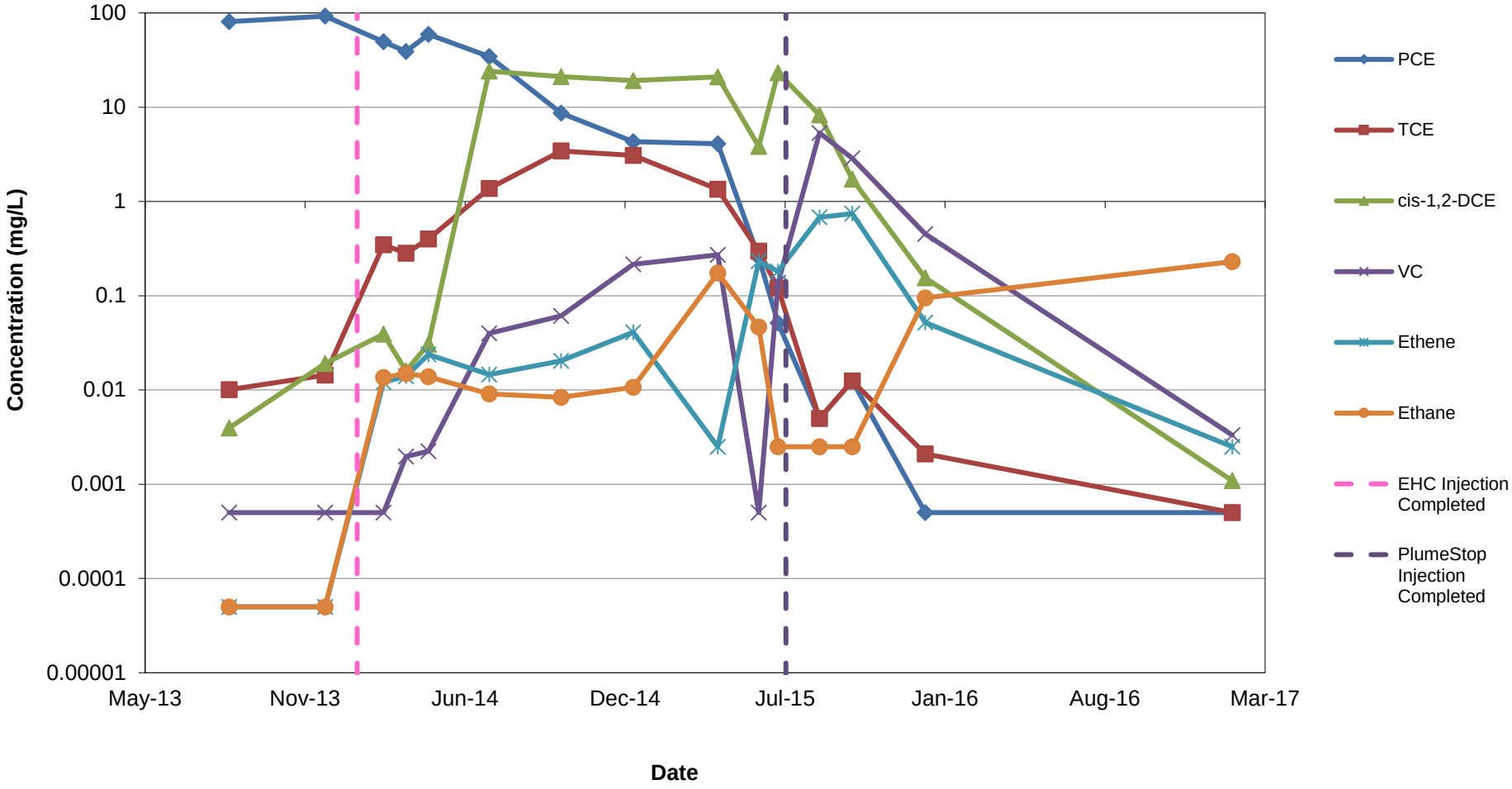
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-22S
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



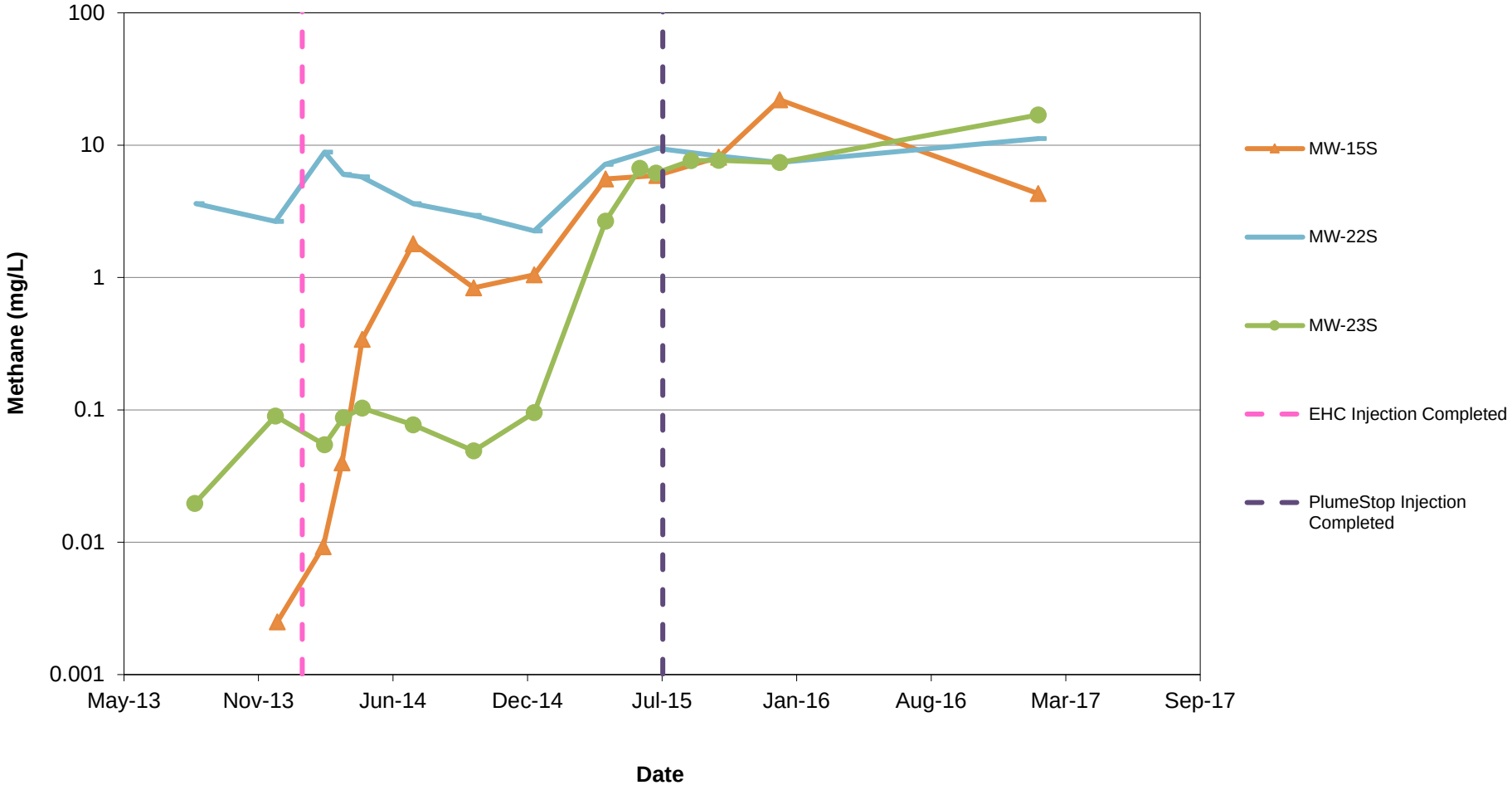
Note: Non-detect values are graphed as half the laboratory method detection limit.

Chlorinated Ethene Groundwater Concentrations vs. Time
MW-23S
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



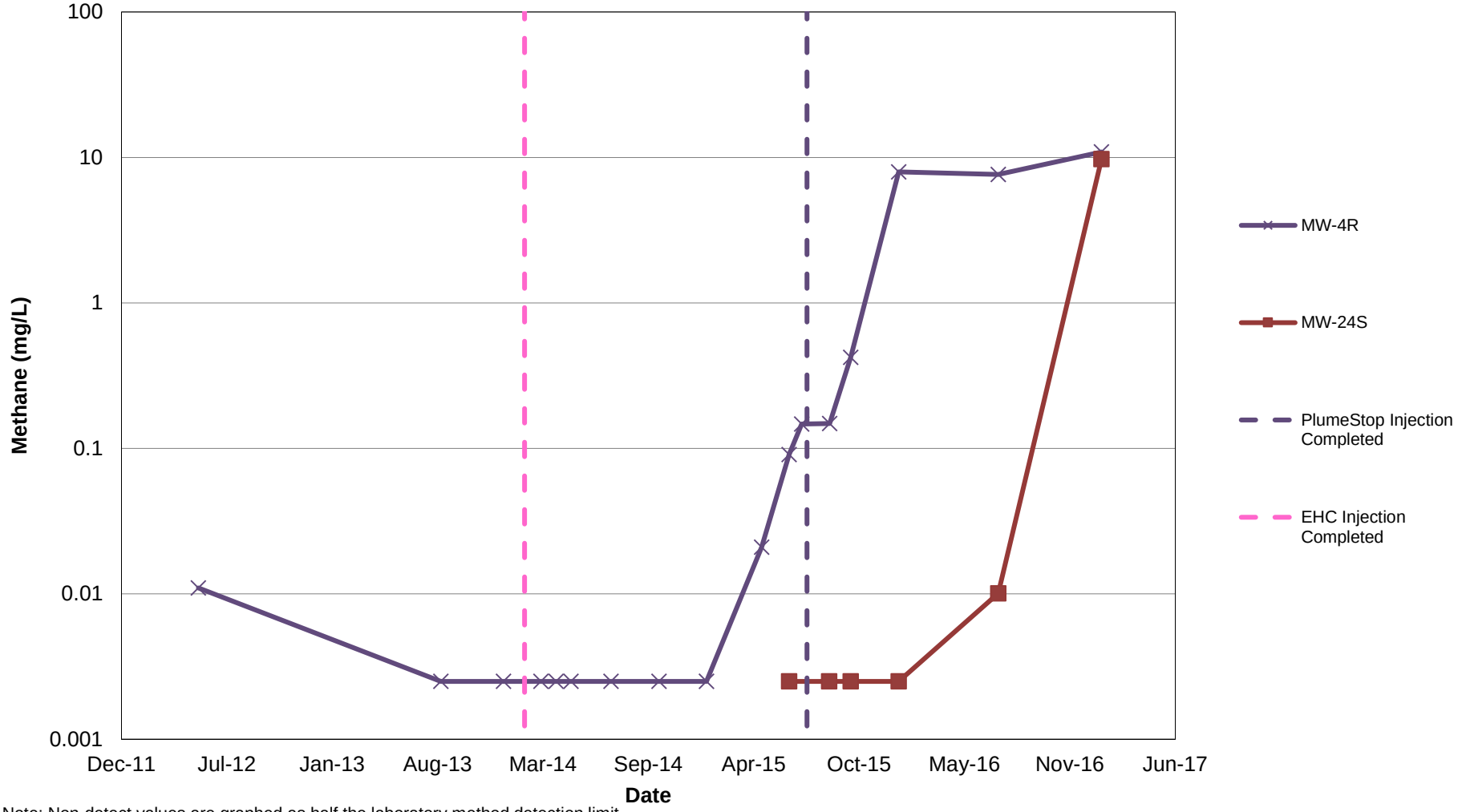
Note: Non-detect values are graphed as half the laboratory method detection limit.

Methane vs. Time
EHC Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



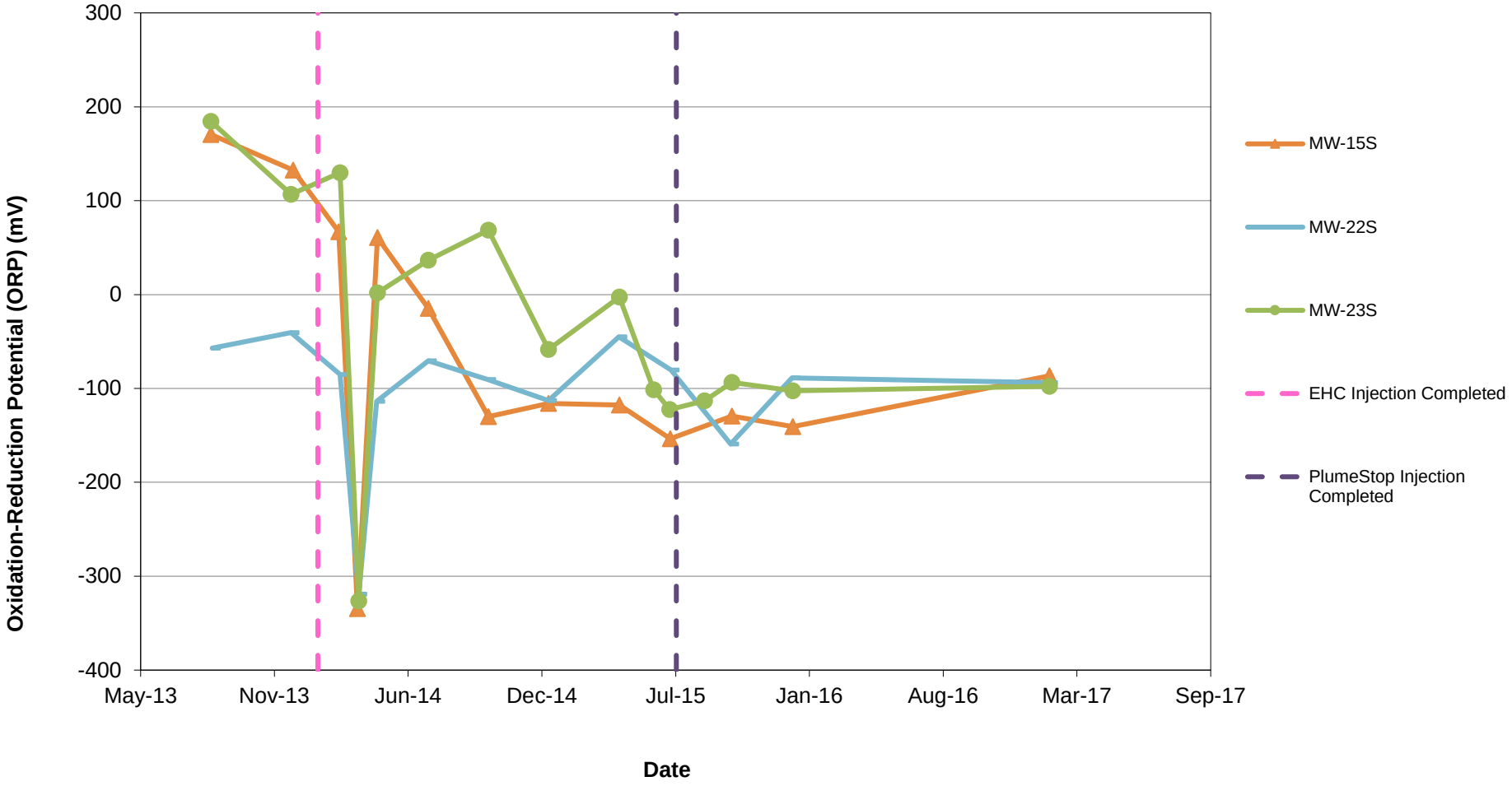
Note: Non-detect values are graphed as half the laboratory method detection limit.

Methane vs. Time
PlumeStop Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



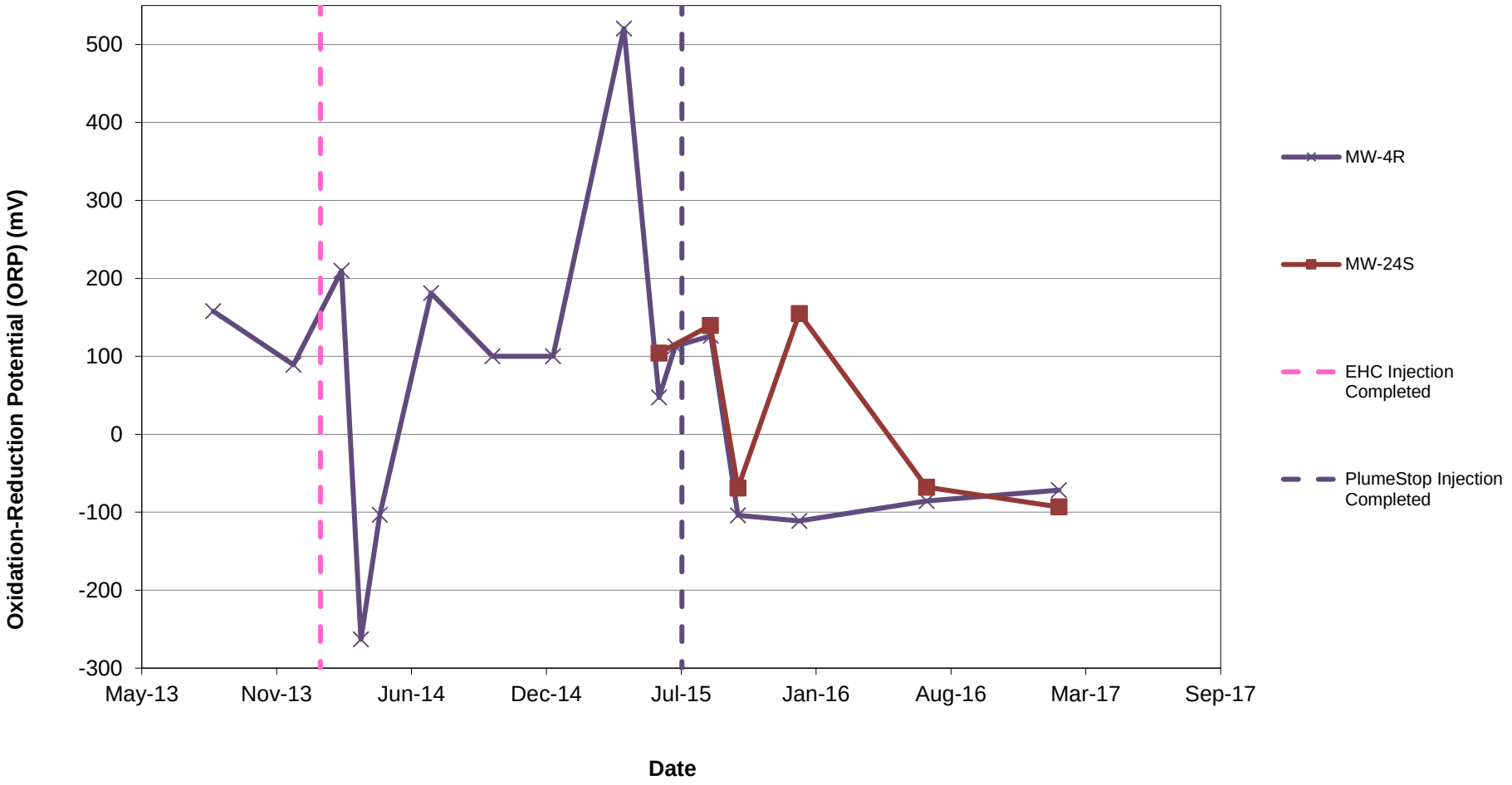
Note: Non-detect values are graphed as half the laboratory method detection limit.

Oxidation-Reduction Potential (ORP) vs. Time
EHC Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



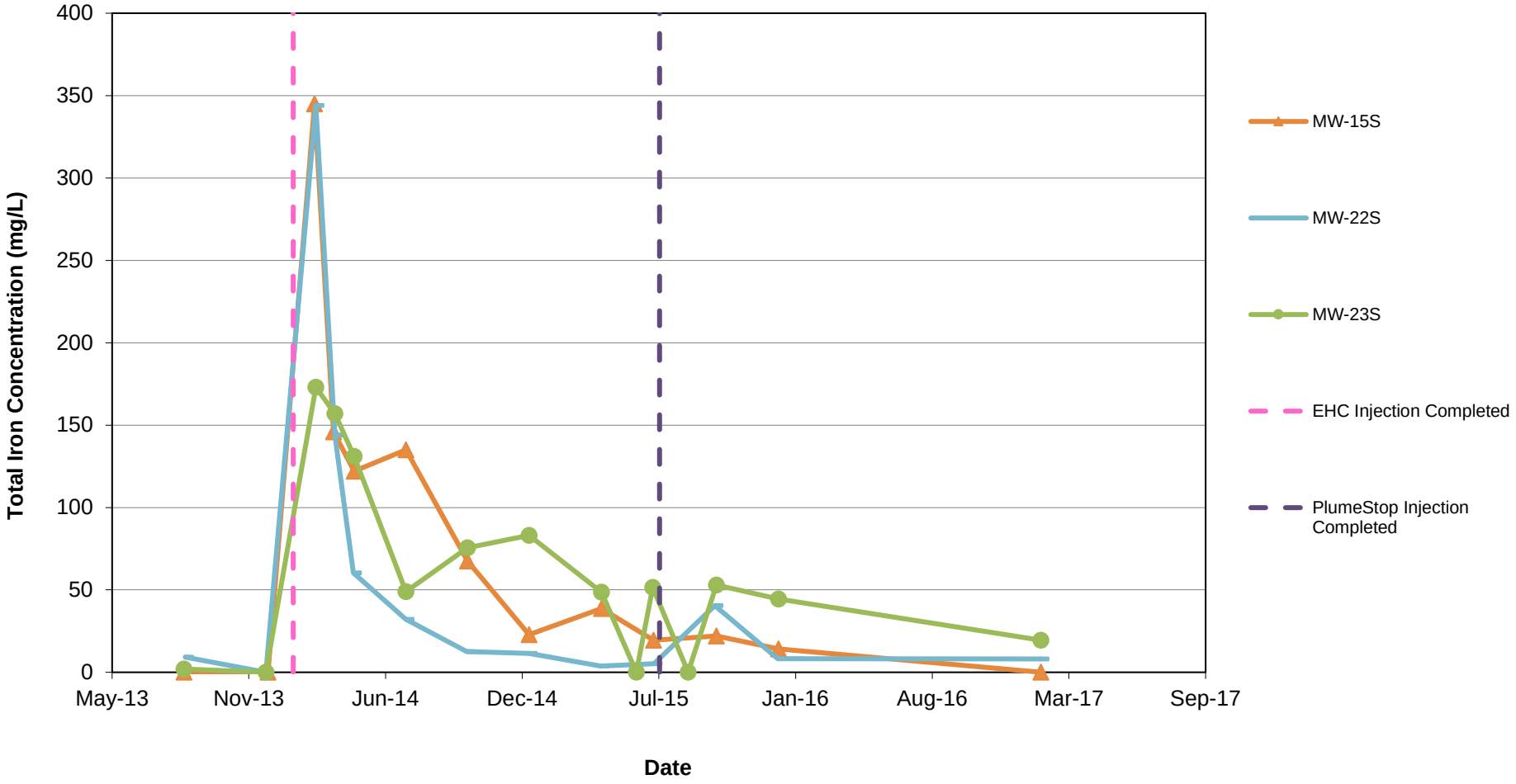
Note: Non-detect values are graphed as half the laboratory method detection limit.

Oxidation-Reduction Potential (ORP) vs. Time
PlumeStop Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



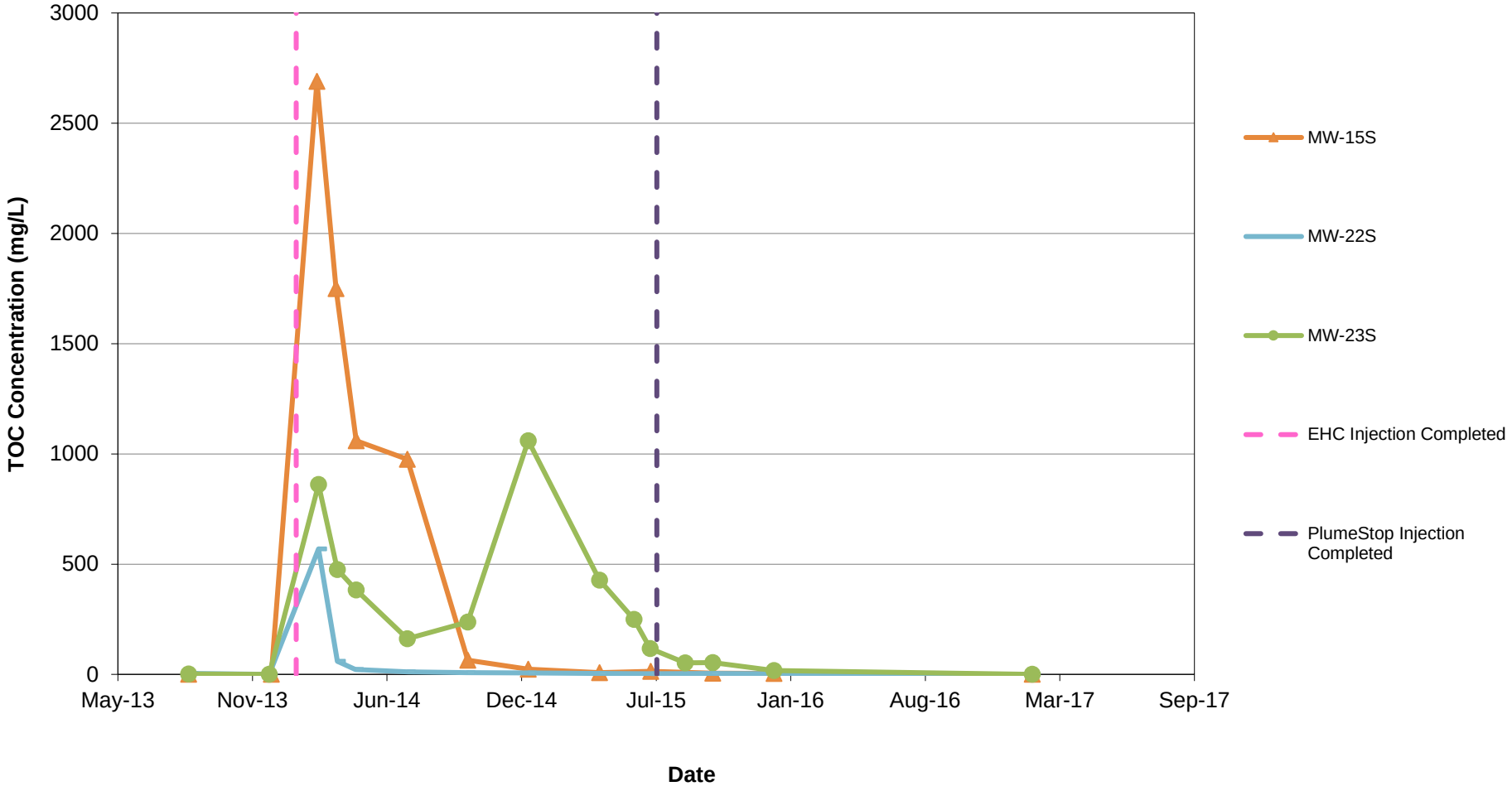
Note: Non-detect values are graphed as half the laboratory method detection limit.

Total Iron Groundwater Concentrations vs. Time
EHC Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



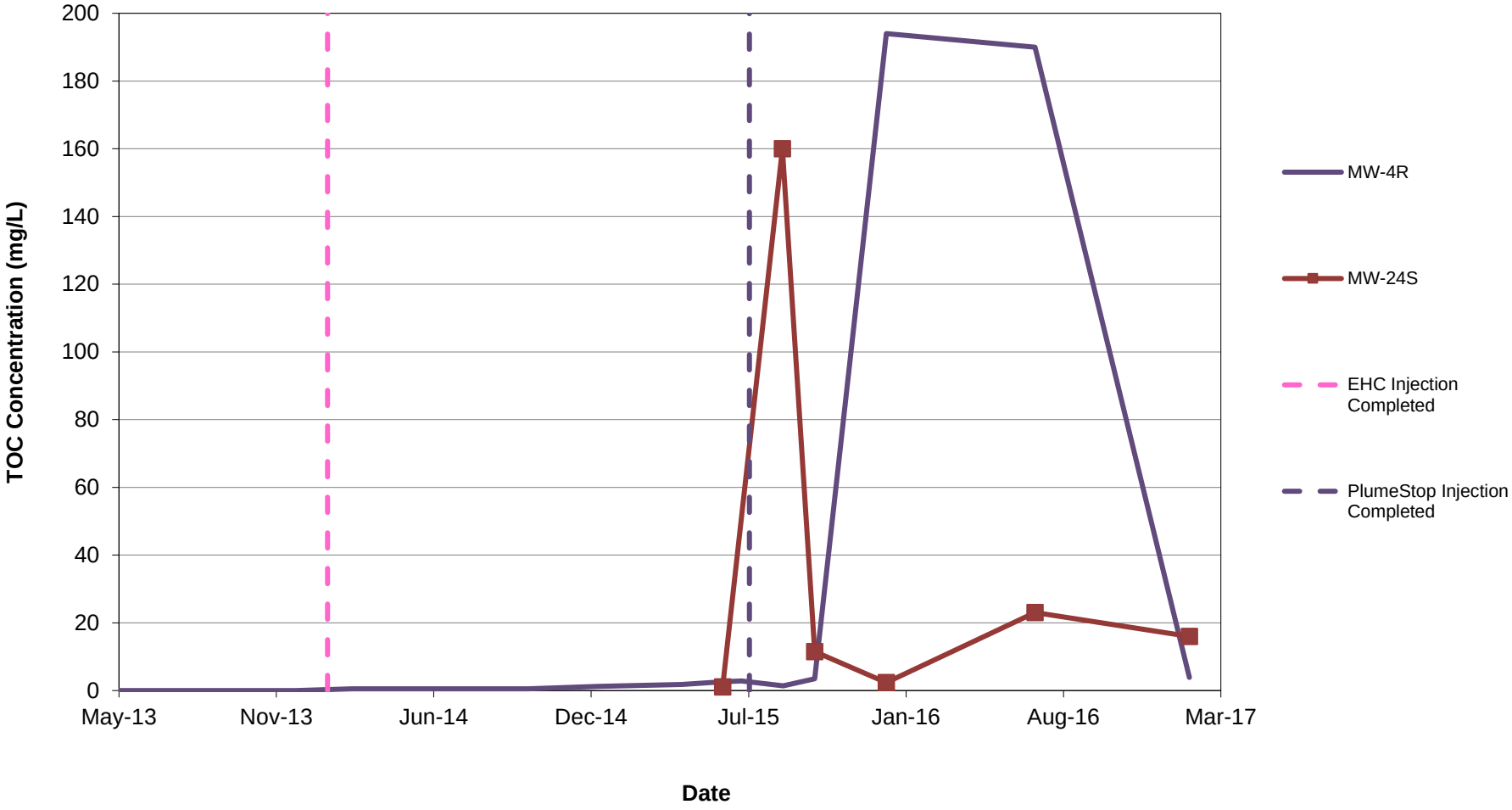
Note: Non-detect values are graphed as half the laboratory method detection limit.

TOC Groundwater Concentrations vs. Time
EHC Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



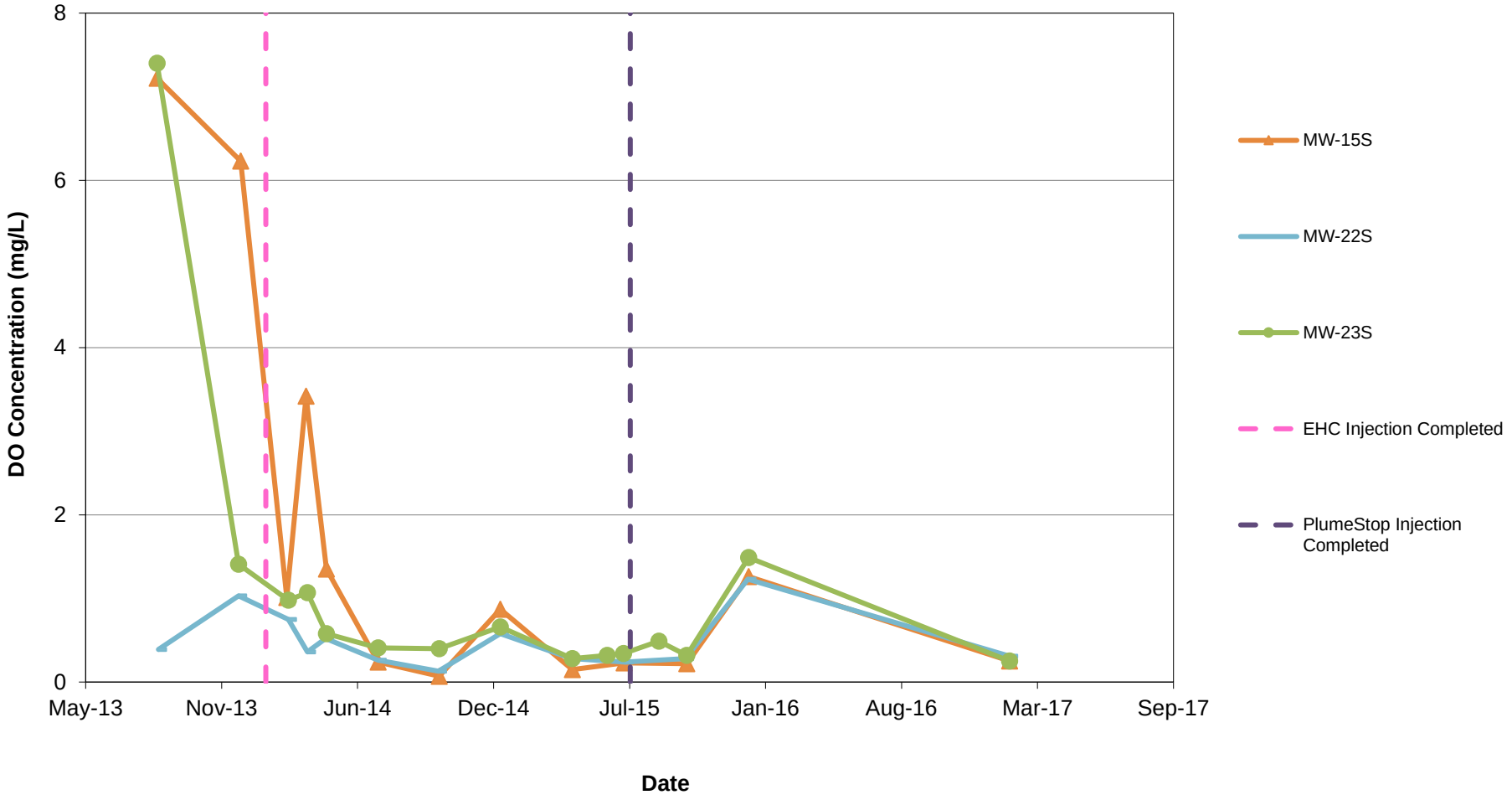
Note: Non-detect values are graphed as half the laboratory method detection limit.

TOC Groundwater Concentrations vs. Time
PlumeStop Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



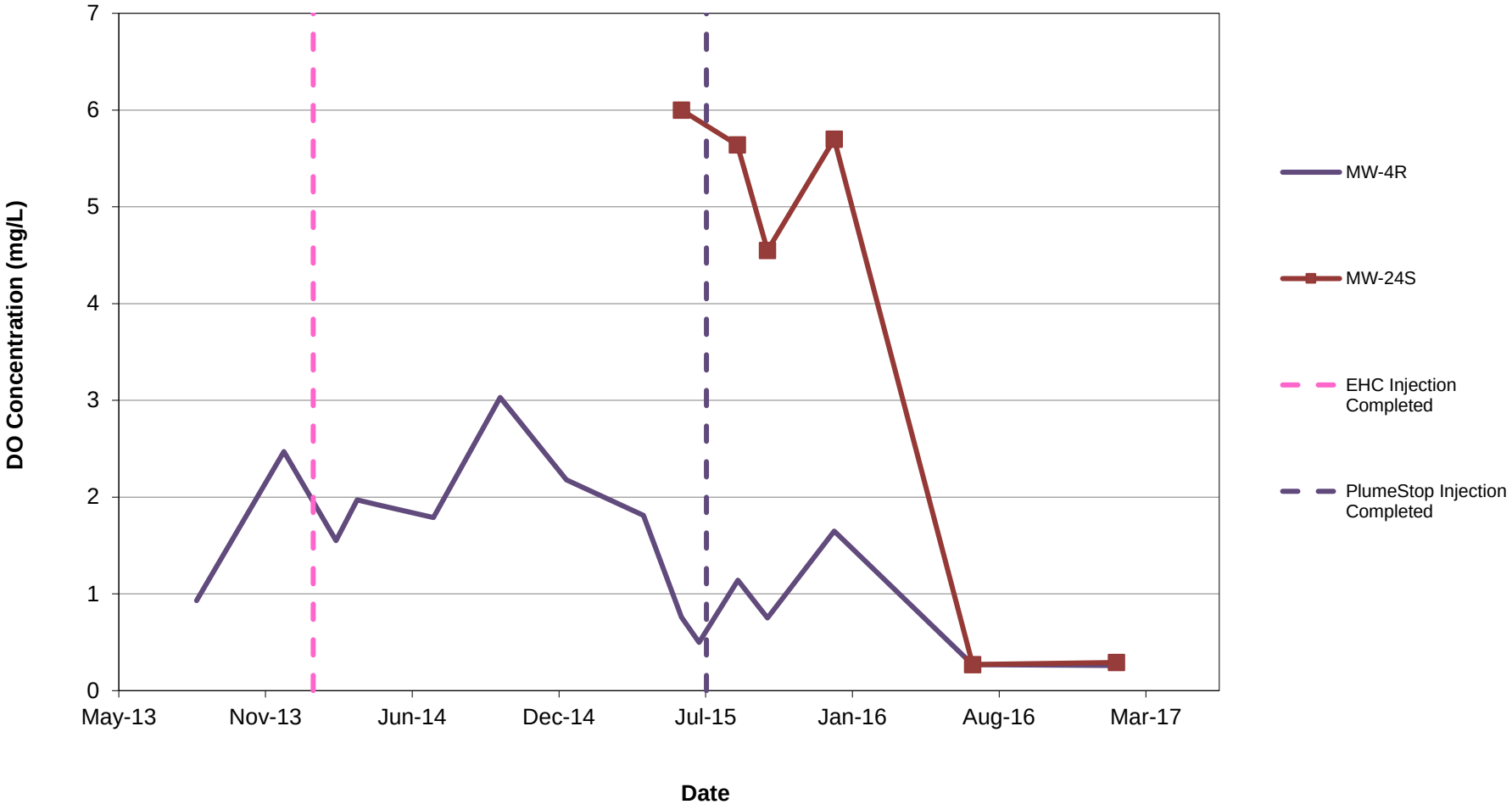
Note: Non-detect values are graphed as half the laboratory method detection limit.

Dissolved Oxygen vs. Time
EHC Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



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

Dissolved Oxygen vs. Time
PlumeStop Injection Area Monitoring Wells
One Hour Martinizing, Durham, Durham County
DSCA ID: DC320013



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