MEMORANDUM

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SMARTER ENVIRONMENTAL SOLUTIONS

To: Billy Meyer

From: Christie Zawtocki, PE

Date: April 29, 2020

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, soil gas sampling, and indoor air sampling activities completed at the One Hour Martinizing site in January and February 2020. A limited groundwater sampling event was conducted on the source property and non-source properties to the north, east, and southeast of the source property to evaluate current groundwater concentrations and post-remediation concentration trends. In addition, soil gas and indoor air samples were collected from residential properties east and southeast of the source property. A brief summary of the sampling activities and results is provided below.

Groundwater Monitoring Activities and Results

On February 25, 2020, H&H completed a limited groundwater monitoring event to evaluate site conditions approximately six years after the EHC injection and four and a half years after the PlumeStop™ injection. Figure 1 depicts the locations of the site monitoring wells and the EHC and PlumeStop™ injection points. 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 February 2020 monitoring event included gauging water levels in the site monitoring wells and collecting groundwater samples from the following monitoring wells:

- Source property: MW-3R, MW-3I
- North of source property: MW-11
- East of source property: MW-14S, MW-16S

The samples were analyzed for volatile organic compounds (VOCs). Field measurements of dissolved oxygen (DO), oxidation-reduction potential (ORP), temperature, pH, and conductivity were also collected. A shallow groundwater gradient map is provided as Figure 2 and depicts the

flow of shallow groundwater at the site. 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 field-measured parameters are summarized in Table 2.

PCE Results

The primary constituent of concern at the site is the dry-cleaning solvent PCE, and the injection activities were targeted at reducing concentrations of this compound. In February 2020, PCE was detected in each of the sampled monitoring wells. Graphs of PCE concentration versus time for the sampled wells are provided in Attachment A. A groundwater contaminant concentration map is provided as Figure 3, and a shallow PCE groundwater plume map is included as Figure 4A. For comparison, the December 2013 pre-injection PCE plume map for the shallow groundwater monitoring zone is included as Figure 4B.

Overall, the EHC and PlumeStop™ injections have substantially reduced PCE concentrations on the source property. PCE concentrations have decreased by over 96% in source property monitoring well MW-3R. PCE concentrations in intermediate depth source property well MW-3I have decreased by over 65% compared to pre-injection concentrations.

Outside of the EHC and PlumeStop™ injection areas and source property, post-injection PCE concentrations have been variable. North of the source property across W. Club Blvd, concentrations in MW-11 have fluctuated, but have been generally consistent with pre-injection levels. The February 2020 PCE concentration in MW-11 increased slightly to 0.081 mg/L from the historical high concentration of 0.0708 mg/L previously detected in this well. PCE concentrations in eastern shallow monitoring wells MW-14S and MW-16S appeared to be increasing over time; however, some fluctuations were observed during some of the recent monitoring events and could indicate concentrations may be leveling off.

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.

Previous monitoring events indicated PCE degradation products have generally decreased in the injection area. There were no degradation products detected in source property monitoring well MW-3R in February 2020. Low concentrations of TCE (0.00043 J mg/L) and cis-1,2-DCE (0.00033 J mg/L) were detected in intermediate depth source property monitoring well MW-3I.

Outside of the source property, concentrations of PCE degradation products have generally remained stable in downgradient monitoring well MW-11. There were no PCE degradation products detected in MW-14S located east/southeast of the source property. TCE (0.0084 J mg/L) was detected for the first time and cis-1,2-DCE (0.036 mg/L) was detected for the second time in MW-16S in February 2020.

Summary

In summary, the groundwater sampling results for the site indicate that the EHC and PlumeStop™ injections have resulted in substantial reductions in PCE concentrations. Although some rebound in concentrations has been observed in select wells, overall a substantial amount of contaminant mass has been remediated. Additional periodic monitoring will further evaluate groundwater concentration trends at the site.

Soil Gas and Indoor Air Sampling Activities and Results

In January 2020, H&H collected soil gas samples from three permanent soil gas monitoring points (SV-18, SV-19, & SV-35S) to evaluate current soil gas concentrations on the residential properties to the east/southeast of the source area at 1417 Dollar Ave, 1419 Dollar Ave, and 1421 Dollar Ave. In addition, H&H collected indoor air samples from the basements of two residential properties (1419 Dollar Ave & 1421 Dollar Ave) where vapor intrusion mitigation systems are currently operating.

PCE was detected in each soil gas samples at concentrations of 42,000 µg/m^3 (1417 and 1419 Dollar Ave) and 12,000 µg/m^3 (1421 Dollar Ave). These concentrations are lower than historical high soil gas concentrations at each location. No other constituents of concern were detected in soil gas samples. PCE was detected at a low concentration of 0.378 µg/m^3 in one indoor air sample collected from the basement of the residence at 1419 Dollar Ave. The calculated risks associated with this low PCE concentration are acceptable for residential use. No other constituents of concern were detected in the indoor air samples. Therefore, the vapor intrusion mitigation systems at the 1419 Dollar Ave and 1421 Dollar Ave residences appear to be operating effectively. Based on these results, the DSCA Program is not planning to conduct additional sampling at this time. The soil gas sampling results are summarized in Table 3 and presented on Figure 5. Indoor air sampling results are summarized in Table 4 and presented on Figure 5.

Future Sampling Activities

The following additional sampling activities are planned at the site.

Groundwater

The monitoring requirements associated with the UIC permit for the injection activities have been fulfilled. The DSCA Program plans to continue conducting limited groundwater sampling events at the site to further monitor concentration trends. The next sampling event will be conducted in January or February 2021 and will be similar to the February 2020 event.

Soil Gas

Additional soil gas sampling is not planned at this time.

Indoor Air

Vapor intrusion mitigation systems with telemetry (digital notification) systems are currently operating at the 1419 Dollar Ave and 1421 Dollar Ave residences. 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 notifications 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.

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	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Chlorobenzene	Chloroethane
		[mg/L]																			
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	<0.05	<0.005	<0.01	<0.001	<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	<0.05	<0.005	<0.01	<0.001	<0.005
	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	<0.05	<0.005	<0.01	<0.001	<0.005
	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	<0.05	<0.005	<0.01	<0.001	<0.005
	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	<0.025	<0.001	<0.005	<0.001	<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	<0.05	<0.005	<0.01	<0.001	<0.005
	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	<0.005	<0.001	<0.050	<0.001	<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	<0.005	<0.001	<0.050	<0.001	<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	<0.005	0.00105	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	0.00139	<0.050	<0.001	<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	<0.005	<0.001	<0.025	<0.001	<0.025	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.005	0.00087	<0.005	<0.0005	<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	<0.025	<0.001	<0.050	<0.001	<0.001
	01/11/18	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00134**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001	<0.001
	01/22/19	<0.001	<0.001	<0.001	<0.001	<0.005	0.00068	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001	<0.001
	02/25/20	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	0.00026J	<0.0010	<0.0010	<0.0010	<0.0020	<0.0030	<0.0010	<0.0010	<0.00050	<0.0010	<0.0010	<0.50	<0.0020	<0.020	<0.00050

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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	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Chlorobenzene	Chloroethane
		[mg/L]																			
MW-3I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.1761**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/18/12	<0.001	0.0019	<0.001	0.0018	<0.005	**0.093**	<0.005	<0.001	0.0012	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/20/13	<0.001	0.00428	<0.001	<0.001	<0.005	**0.179**	<0.001	<0.001	0.00233	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.050	<0.001
	12/16/13	<0.001	0.00464	<0.001	<0.001	<0.005	**0.275**	<0.001	<0.001	0.00231	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.050	<0.001
	02/26/14	<0.001	0.00301	<0.001	<0.001	<0.005	**0.218**	<0.001	<0.001	0.00218	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.050	<0.001
	03/28/14	<0.001	0.00316	<0.001	<0.001	<0.005	**0.263**	<0.001	<0.001	0.00272	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/25/14	<0.001	0.00273	<0.001	<0.001	<0.005	**0.261**	<0.001	<0.001	0.00218	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	07/09/14	<0.001	0.00272	<0.001	<0.001	<0.005	**0.223**	<0.001	<0.001	0.00177	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	10/08/14	<0.001	0.00205	<0.001	<0.001	<0.005	**0.324**	<0.001	<0.001	0.00213	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	01/06/15	<0.001	0.00214	<0.001	<0.001	<0.005	**0.283**	<0.001	<0.001	0.00161	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	04/20/15	<0.001	0.00476	<0.001	<0.001	<0.005	**0.213**	<0.001	<0.001	0.00172	<0.001	<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	0.00188	<0.001	<0.001	<0.005	**0.125**	<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	**0.0195**	<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	**0.241**	<0.001	<0.001	0.00196	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001
	02/25/20	<0.0010	0.00033J	<0.0010	<0.0010	<0.0050	**0.095**	<0.0010	<0.0010	0.00043J	<0.0020	<0.0030	<0.0010	<0.0010	<0.00050	<0.0010	<0.0010	<0.50	<0.0020	<0.020	<0.00050
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	0.0026	<0.05	<0.005	<0.01	<0.001	<0.005
	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	0.0010	<0.05	<0.005	<0.01	<0.001	<0.005
	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	0.0012	<0.05	<0.005	<0.01	<0.001	<0.005
	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	0.0012	<0.025	<0.001	<0.005	<0.001	<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	0.00208	<0.005	<0.001	<0.050	<0.001	<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	0.00194	<0.025	<0.001	<0.050	<0.001	<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	0.00191	<0.025	<0.001	<0.050	<0.001	<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	<0.010	<0.002	<0.050	<0.002	<0.050	<0.002	<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	0.00111	<0.025	<0.001	<0.050	<0.001	<0.001
	07/13/16	0.00058	**0.770**	<0.0005	0.00720	<0.001	**0.069**	<0.0005	0.0100	**0.140**	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	0.00340	<0.005	<0.0005	<0.005	<0.0005	<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	0.00142	<0.025	<0.001	<0.050	<0.001	<0.001
	01/10/18	<0.005	**0.781**	<0.005	<0.005	<0.025	**0.0708**	<0.005	0.0228	**0.158**	**0.0184**	<0.015	<0.005	<0.005	<0.005	<0.005	<0.125	<0.005	<0.250	<0.005	<0.005
	01/31/19	<0.010	**0.70**	<0.010	<0.010	<0.020	**0.044**	<0.010	0.011	**0.14**	<0.020	<0.030	<0.010	<0.0050	<0.010	<0.010	<0.500	<0.020	<0.200	<0.010	<0.020
	02/25/20	<0.0050	**0.76**	<0.0050	<0.0050	<0.025	**0.081**	0.00070J	0.011	**0.23**	**0.021**	<0.010	<0.0050	<0.0050	<0.0025	<0.0050	0.0022J	<0.25	<0.010	<0.10	<0.0025

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	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Chlorobenzene	Chloroethane
		[mg/L]																			
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	NA	<0.01	NA	<0.01	<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	<0.05	<0.005	<0.01	<0.001	<0.005
	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	<0.005	<0.001	<0.050	<0.001	<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	<0.005	<0.001	<0.050	<0.001	<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	<0.005	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.005	<0.001	<0.025	0.00366	<0.025	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<0.001
	07/06/17	<0.001	<0.001	<0.001	<0.001	<0.005	**2.02**	<0.001	<0.001	0.00153	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001	<0.001
	01/10/18	<0.001	<0.001	<0.001	<0.001	<0.005	**0.135**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001	<0.001
	01/21/19	<0.005	0.0012 J	<0.005	<0.005	<0.010	**0.38**	<0.005	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.100	<0.005	<0.005
	02/25/20	<0.050	<0.050	<0.050	<0.050	<0.250	**2.6**	<0.050	<0.050	<0.050	<0.100	<0.10	<0.050	<0.050	<0.025	<0.050	<0.050	<2.5	<0.10	<1.0	<0.025

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	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Chlorobenzene	Chloroethane
		[mg/L]																			
MW-16S	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.0706**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01	<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	<0.05	<0.005	<0.01	<0.001	<0.005
	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	<0.05	<0.005	<0.01	<0.001	<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	<0.005	<0.001	<0.050	<0.001	<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	<0.005	<0.001	<0.050	<0.001	<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	<0.005	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.005	<0.001	<0.025	0.00377	<0.025	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<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	<0.025	<0.001	<0.050	<0.001	<0.001
	07/06/17	<0.001	<0.001	<0.001	<0.001	<0.005	**0.532**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001	<0.001
	01/10/18	<0.001	<0.001	<0.001	<0.001	<0.005	**0.710**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.050	<0.001	<0.001
	01/21/19	<0.010	<0.010	<0.010	<0.010	<0.005	**0.62**	<0.010	<0.010	<0.010	<0.010	<0.030	<0.010	<0.010	<0.010	<0.010	<0.500	<0.010	<0.200	<0.010	<0.010
	02/25/20	<0.020	0.036	<0.020	<0.020	<0.10	**0.83**	<0.020	<0.020	**0.0084J**	<0.040	<0.040	<0.020	<0.020	<0.010	<0.020	<0.020	<1.0	<0.040	<0.40	<0.010
NC 2L Standard		0.001	0.07	0.6	0.02	0.006	0.0007	0.6	0.1	0.003	0.00003	0.5	0.0004	0.0002	0.0006	0.35	6.0	0.07	4.0	0.050	3.0

Notes:

1. **Bold** concentration exceeds NC 2L Groundwater Quality Standard (April 2013) or Interim Maximum Allowable Concentration (if 2L Standard not established).

2.J flag denotes estimated concentration between laboratory reporting limit and method detection limit.

3. NA = Not Analyzed

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)	sec-Butylbenzene	tert-Butylbenzene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichloropropane	Chloromethane	Hexachlorobutadiene	Carbon Disulfide	Methylene Chloride									
MW-3R	05/31/07	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.005									
	01/08/08	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.0025	<0.002	NA	<0.005									
	02/24/09	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.0025	<0.002	NA	<0.005									
	05/15/09	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.0025	<0.002	NA	<0.005									
	08/04/09	NA	NA	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.002	NA	<0.002									
	05/18/12	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.005									
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	12/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	03/28/14	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	04/25/14	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/09/14	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/08/14	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/06/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	04/20/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	06/12/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/06/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	08/27/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/05/15	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005									
	01/05/16	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/13/16	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.005	<0.001									
	01/24/17	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/11/18	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/22/19	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	02/25/20	<0.0010	<0.0010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.0050	<0.0050									

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)	sec-Butylbenzene	tert-Butylbenzene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichloropropane	Chloromethane	Hexachlorobutadiene	Carbon Disulfide	Methylene Chloride									
MW-3I	11/10/09	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01									
	05/18/12	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.005									
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	12/16/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	02/26/14	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	03/28/14	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	04/25/14	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/09/14	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/08/14	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/06/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	04/20/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/08/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/06/15	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005									
	01/05/16	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	02/25/20	<0.0010	<0.0010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0020	NA	<0.0050	<0.0050									
MW-11	09/03/08	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.0025	NA	NA	<0.005									
	02/24/09	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.0025	NA	NA	<0.005									
	05/15/09	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.0025	NA	NA	<0.005									
	08/04/09	NA	NA	<0.001	<0.005	NA	NA	<0.001	<0.001	NA	NA	<0.002									
	08/20/13	0.00235	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/08/14	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	08/27/15	0.00113	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/06/15	<0.002	<0.002	<0.002	<0.050	<0.002	<0.002	<0.002	<0.002	<0.010	<0.002	<0.010									
	01/04/16	0.00127	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/13/16	0.00190	0.00067	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.005	<0.001									
	01/24/17	0.00111	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/10/18	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.025									
	01/31/19	<0.010	<0.010	<0.010	<0.100	<0.010	<0.010	<0.010	<0.020	<0.0060	<0.040	<0.050									
	02/25/20	0.0011 J	<0.0050	NA	<0.050	<0.0050	<0.0050	<0.0050	<0.010	NA	<0.025	<0.025									

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)	sec-Butylbenzene	tert-Butylbenzene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichloropropane	Chloromethane	Hexachlorobutadiene	Carbon Disulfide	Methylene Chloride									
MW-14S	11/10/09	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01									
	05/18/12	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	NA	NA	<0.005									
	08/22/13	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	12/20/13	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	02/27/14	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	03/27/14	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	04/24/14	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/09/14	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/07/14	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/05/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	04/21/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/07/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/06/15	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005									
	01/05/16	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/24/17	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/06/17	<0.001	<0.001	**0.00108**	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/10/18	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/21/19	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.025									
	02/25/20	<0.020	<0.020	NA	<0.20	<0.020	<0.020	<0.020	<0.040	NA	<0.10	<0.10									

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)	sec-Butylbenzene	tert-Butylbenzene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichloropropane	Chloromethane	Hexachlorobutadiene	Carbon Disulfide	Methylene Chloride									
MW-16S	11/10/09	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01									
	05/18/12	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.005									
	01/03/13	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.002	NA	<0.005									
	08/21/13	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	12/19/13	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	02/27/14	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	03/27/14	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	04/23/14	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/10/14	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/06/14	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/06/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	04/21/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/07/15	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	10/06/15	<0.001	<0.001	<0.001	<0.025	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005									
	01/05/16	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/24/17	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	07/06/17	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/10/18	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.005									
	01/21/19	<0.010	<0.010	<0.001	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.050									
	02/25/20	<0.020	<0.020	NA	<0.20	<0.020	<0.020	<0.020	<0.040	NA	<0.10	<0.10									
NC 2L Standard		0.070	0.070	0.0010	0.10	0.4	0.4	0.0006	0.003	0.4	0.7	0.005									

Notes:

1. Bold concentration exceeds NC 2L Groundwater Quality Standard (April 2013) or Interim Maximum Allowable Concentration (if 2L Standard not 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)	Nitrate	Sulfate	Major Cations	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Chloride (optional)	Conductivity	pH	Temperature	Turbidity	Total organic carbon (TOC)	Ethane	Ethene
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mV	mg/L	mg/L	µs/cm^2	std unit	° C	NTU	mg/L	mg/L	mg/L
MW-3R	08/05/11	6.57	4.7	2.3	NA	<0.00072	10	44.87	NA	0	125	5.42	20.36	NA	NA	<0.001	<0.0023
	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	14	NA	NA	NA	NA	NA	<0.013	<0.013
	08/20/13	2.75	NA	NA	NA	<0.005	NA	196.2	NA	NA	127	5.52	21.07	NA	2.76	<0.005	<0.005
	12/16/13	2.52	NA	NA	NA	0.0216	NA	68.1	NA	NA	104	5.21	17.06	NA	NA	<0.005	<0.005
	02/26/14	3.91	NA	NA	NA	<0.005	NA	214.2	NA	NA	138	4.92	16.41	NA	1.19	<0.005	<0.005
	03/28/14	4.39	NA	NA	NA	<0.005	NA	-262.1	NA	NA	116	5.58	18.65	NA	3.38	<0.005	<0.005
	04/25/14	3.91	NA	NA	NA	<0.005	NA	100.9	NA	NA	151	5.91	17.28	NA	9.13	<0.005	<0.005
	07/09/14	1.92	NA	NA	NA	0.00800	NA	200.6	NA	NA	107	5.17	21.54	NA	3.32	<0.005	<0.005
	10/08/14	2.82	NA	NA	NA	<0.005	NA	98.4	NA	NA	110	5.52	21.10	NA	3.48	<0.005	<0.005
	01/06/15	2.52	NA	NA	NA	<0.005	NA	100.2	NA	NA	94	7.03	17.60	NA	8.07	<0.005	<0.005
	04/20/15	2.68	NA	NA	NA	<0.005	NA	188.7	NA	NA	117	5.57	20.89	NA	1.25	<0.005	<0.005
	06/12/15	2.85	NA	<2.0	NA	<0.005	ND	122.5	14.5	NA	125	5.45	21.38	NA	2.26	<0.005	<0.005
	07/06/15	3.25	NA	NA	NA	<0.005	NA	141.2	NA	NA	126	5.68	21.93	6.10	2.14	<0.005	<0.005
	08/27/15	3.26	NA	2.51	NA	<0.005	ND	97.3	16.3	NA	103	5.32	20.72	7.56	2.04	<0.005	<0.005
	10/06/15	3.85	NA	<2.0	NA	<0.005	ND	-52.6	153	NA	214	6.66	24.47	4.35	10.6	<0.005	<0.005
	01/05/16	4.96	NA	<2.0	NA	<0.005	ND	126.4	12.4	NA	124	5.86	13.86	1.83	2.06	0.00571	0.00599
	07/13/16	2.72	NA	NA	NA	<0.002	NA	111.1	NA	NA	123	5.45	24.13	NA	4.10	<0.001	<0.001
	01/24/17	2.83	NA	NA	NA	NA	NA	205.9	NA	NA	101	5.14	17.40	2.73	NA	NA	NA
	01/11/18	1.01	NA	NA	NA	NA	NA	173	NA	NA	135	5.39	19.30	21.9	NA	NA	NA
	01/22/19	1.90	NA	NA	NA	NA	NA	272	NA	NA	102	4.95	17.10	5.29	NA	NA	NA
	02/25/20	2.81	NA	NA	NA	NA	N	213.2	NA	NA	86	5.19	19.00	3.78	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)	Nitrate	Sulfate	Major Cations	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Chloride (optional)	Conductivity	pH	Temperature	Turbidity	Total organic carbon (TOC)	Ethane	Ethene
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mV	mg/L	mg/L	µs/cm^2	std unit	° C	NTU	mg/L	mg/L	mg/L
MW-3I	08/05/11	3.02	2.5	20	NA	<0.00072	NA	65.90	NA	0	413	5.94	20.79	NA	NA	<0.001	<0.0023
	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	8.8	NA	NA	NA	NA	NA	<0.013	<0.013
	08/20/13	1.14	NA	NA	NA	<0.005	NA	-38.8	NA	NA	410	6.72	21.38	NA	1.16	<0.005	<0.005
	12/16/13	1.55	NA	NA	NA	<0.005	NA	60.5	NA	NA	367	6.68	18.28	NA	NA	<0.005	<0.005
	02/26/14	1.39	NA	NA	NA	<0.005	NA	99.3	NA	NA	482	6.76	16.98	NA	1.05	<0.005	<0.005
	03/28/14	1.26	NA	NA	NA	0.00927	NA	-298.4	NA	NA	347	6.61	18.84	NA	<1.00	<0.005	<0.005
	04/25/14	1.55	NA	NA	NA	<0.005	NA	108.9	NA	NA	400	6.67	17.61	NA	1.16	<0.005	<0.005
	07/09/14	1.30	NA	NA	NA	<0.005	NA	138.5	NA	NA	354	6.46	22.22	NA	<1.00	<0.005	<0.005
	10/08/14	1.21	NA	NA	NA	<0.005	NA	54.3	NA	NA	331	6.71	20.6	NA	1.02	<0.005	<0.005
	01/06/15	1.28	NA	NA	NA	<0.005	NA	9.4	NA	NA	306	6.70	17.7	NA	1.26	<0.005	<0.005
	04/20/15	1.31	NA	NA	NA	<0.005	NA	-9.5	NA	NA	383	6.83	20.32	NA	3.36	<0.005	<0.005
	07/08/15	0.83	NA	NA	NA	<0.005	NA	5.7	NA	NA	436	6.98	23.41	NA	2.26	<0.005	<0.005
	10/06/15	1.04	NA	NA	NA	<0.005	NA	-109.6	NA	NA	290	7.23	21.87	NA	9.53	<0.005	<0.005
	01/05/16	2.02	NA	NA	NA	<0.005	NA	-41.1	NA	NA	391	7.02	15.50	NA	1.27	<0.005	<0.005
	02/25/20	1.29	NA	NA	NA	NA	N	137.7	NA	NA	358	6.81	19.10	NA	NA	NA	NA
MW-11	08/20/13	0.48	NA	NA	NA	NA	NA	179.1	NA	NA	503	6.12	21.14	NA	NA	NA	NA
	07/08/14	1.96	NA	NA	NA	NA	NA	13.7	NA	NA	539	6.32	23.80	NA	NA	NA	NA
	08/27/15	1.47	NA	7.68	NA	0.0994	ND	142.5	237	NA	465	6.15	20.69	373.5	2.51	0.0162	<0.005
	10/06/15	0.26	NA	NA	NA	0.0988	NA	-99.6	NA	NA	515	6.61	18.84	NA	2.57	0.0135	<0.005
	01/04/16	1.81	NA	9.01	NA	0.108	0.1	100.4	245	NA	593	6.41	11.32	67.46	2.33	0.0215	<0.005
	07/13/16	0.23	NA	NA	NA	0.026	NA	100.1	NA	NA	607	6.35	25.21	NA	2.5J	0.00585	<0.001
	01/24/17	0.41	NA	NA	NA	NA	NA	53.6	NA	NA	540.6	6.25	16.10	161	NA	NA	NA
	01/10/18	0.33	NA	NA	NA	NA	NA	123.1	NA	NA	651	6.38	19.37	571	NA	NA	NA
	01/31/19	0.34	NA	NA	NA	NA	NA	125.2	NA	NA	658	6.34	18.20	9.84	NA	NA	NA
	02/25/20	0.28	NA	NA	NA	NA	NA	174.4	NA	NA	646	6.38	19.00	5.48	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)	Nitrate	Sulfate	Major Cations	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Chloride (optional)	Conductivity	pH	Temperature	Turbidity	Total organic carbon (TOC)	Ethane	Ethene
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mV	mg/L	mg/L	µs/cm^2	std unit	° C	NTU	mg/L	mg/L	mg/L
MW-14S	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	11	NA	NA	NA	NA	NA	<0.013	<0.013
	08/22/13	3.39	NA	NA	NA	<0.005	NA	0.4	NA	NA	213	6.54	20.95	NA	1.97	<0.005	<0.005
	12/20/13	5.13	NA	NA	NA	0.0176	NA	123.8	NA	NA	132	6.26	15.30	NA	NA	0.0441	<0.005
	02/27/14	5.95	NA	NA	NA	0.0189	NA	194.4	NA	NA	102	5.94	12.50	NA	NA	<0.005	<0.005
	03/27/14	5.14	NA	NA	NA	<0.005	NA	185.8	NA	NA	101	5.97	12.73	NA	1.29	<0.005	<0.005
	04/24/14	5.25	NA	NA	NA	0.00718	NA	-36.3	NA	NA	85	7.62	16.35	NA	1.29	<0.005	<0.005
	07/09/14	3.49	NA	NA	NA	0.00823	NA	95.6	NA	NA	86	5.81	23.83	NA	<1.0	<0.005	<0.005
	10/07/14	4.68	NA	NA	NA	0.0304	NA	141.0	NA	NA	59	6.07	16.97	NA	1.52	<0.005	<0.005
	01/05/15	4.79	NA	NA	NA	0.00551	NA	91.7	NA	NA	63	6.15	14.89	NA	3.84	<0.005	<0.005
	04/21/15	5.08	NA	NA	NA	0.0124	NA	99.3	NA	NA	61	6.13	16.72	NA	1.10	<0.005	<0.005
	07/07/15	4.11	NA	NA	NA	0.0214	NA	165.3	NA	NA	90	5.83	23.11	NA	1.41	<0.005	<0.005
	10/06/15	4.16	NA	NA	NA	0.0152	NA	100.7	NA	NA	74	6.24	17.41	NA	<1.0	<0.005	<0.005
	01/05/16	2.71	NA	NA	NA	0.0254	NA	124.6	NA	NA	56	6.55	11.27	NA	8.61	<0.005	<0.005
	01/24/17	4.70	NA	NA	NA	NA	NA	23.2	NA	NA	58.3	6.12	15.2	190	NA	NA	NA
	07/06/17	3.85	NA	NA	NA	NA	NA	86.6	NA	NA	70.4	6.12	19.67	374	NA	NA	NA
	01/10/18	10.53	NA	NA	NA	NA	NA	123.2	NA	NA	78	6.55	13.29	499	NA	NA	NA
	01/21/19	4.17	NA	NA	NA	NA	NA	126.7	NA	NA	64.4	6.01	14.5	153	NA	NA	NA
	02/25/20	3.80	NA	NA	NA	NA	NA	183.7	NA	NA	63.6	6.2	16.1	83	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)	Nitrate	Sulfate	Major Cations	Methane	Ferrous Iron	Oxidation reduction potential (ORP)	Alkalinity	Chloride (optional)	Conductivity	pH	Temperature	Turbidity	Total organic carbon (TOC)	Ethane	Ethene
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mV	mg/L	mg/L	µs/cm^2	std unit	° C	NTU	mg/L	mg/L	mg/L
MW-16S	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	7.2	NA	NA	NA	NA	NA	<0.013	<0.013
	08/21/13	4.40	NA	NA	NA	<0.005	NA	201.0	NA	NA	80	5.74	20.89	NA	1.35	<0.005	<0.005
	12/19/13	3.89	NA	NA	NA	<0.005	NA	108.0	NA	NA	82	5.96	15.69	NA	NA	<0.005	<0.005
	02/27/14	8.16	NA	NA	NA	<0.005	NA	278.3	NA	NA	87	6.33	14.30	NA	1.14	<0.005	<0.005
	03/27/14	6.60	NA	NA	NA	<0.005	NA	207.6	NA	NA	82	6.12	13.85	NA	<1.0	<0.005	<0.005
	04/23/14	4.25	NA	NA	NA	<0.005	NA	-6.5	NA	NA	86	7.68	18.14	NA	1.15	<0.005	<0.005
	07/10/14	3.49	NA	NA	NA	<0.005	NA	31.9	NA	NA	83	6.06	21.49	NA	1.60	<0.005	<0.005
	10/06/14	5.95	NA	NA	NA	<0.005	NA	190.2	NA	NA	81	6.33	18.91	NA	2.57	<0.005	<0.005
	01/06/15	6.53	NA	NA	NA	<0.005	NA	89.2	NA	NA	42	6.61	14.57	NA	2.15	<0.005	<0.005
	04/21/15	4.88	NA	NA	NA	<0.005	NA	79.5	NA	NA	65	6.08	17.81	NA	5.01	<0.005	<0.005
	07/07/15	4.96	NA	NA	NA	<0.005	NA	209.2	NA	NA	82	5.7	18.80	NA	1.50	<0.005	<0.005
	10/06/15	NA	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	2.06	<0.005	<0.005
	01/05/16	4.77	NA	NA	NA	<0.005	NA	134.6	NA	NA	74	6.50	11.02	NA	1.30	<0.005	<0.005
	01/24/17	8.25	NA	NA	NA	NA	NA	178.6	NA	NA	52.9	6.11	15.50	9.50	NA	NA	NA
	07/06/17	4.26	NA	NA	NA	NA	NA	146.4	NA	NA	58.9	5.55	19.22	>1,000	NA	NA	NA
	01/10/18	4.88	NA	NA	NA	NA	NA	137.8	NA	NA	74	6.01	14.77	1100	NA	NA	NA
	01/21/19	5.17	NA	NA	NA	NA	NA	177.5	NA	NA	68.2	5.95	14.20	15.8	NA	NA	NA
	02/25/20	4.35	NA	NA	NA	NA	NA	199.4	NA	NA	65	6.06	16.20	10.0	NA	NA	NA

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

Table 2(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 2(1)**

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Total Iron	Arsenic	Barium	Cadmium	Chromium	Silver	Lead	Selenium	Mercury						
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L						
MW-3R	08/05/11	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	05/18/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/20/13	1.79	NA	NA	NA	NA	NA	NA	NA	NA						
	12/16/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	02/26/14	0.448	NA	NA	NA	NA	NA	NA	NA	NA						
	03/28/14	0.801	NA	NA	NA	NA	NA	NA	NA	NA						
	04/25/14	0.360	NA	NA	NA	NA	NA	NA	NA	NA						
	07/09/14	0.590	NA	NA	NA	NA	NA	NA	NA	NA						
	10/08/14	0.336	NA	NA	NA	NA	NA	NA	NA	NA						
	01/06/15	0.436	NA	NA	NA	NA	NA	NA	NA	NA						
	04/20/15	3.17	NA	NA	NA	NA	NA	NA	NA	NA						
	06/12/15	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	07/06/15	0.599	NA	NA	NA	NA	NA	NA	NA	NA						
	08/27/15	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	10/06/15	0.620	NA	NA	NA	NA	NA	NA	NA	NA						
	01/05/16	0.349	NA	NA	NA	NA	NA	NA	NA	NA						
	07/13/16	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/24/17	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/11/18	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/22/19	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	02/25/20	NA	NA	NA	NA	NA	NA	NA	NA	NA						

Table 2(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 2(1)**

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Total Iron	Arsenic	Barium	Cadmium	Chromium	Silver	Lead	Selenium	Mercury						
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L						
MW-3I	08/05/11	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	05/18/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/20/13	0.162	NA	NA	NA	NA	NA	NA	NA	NA						
	12/16/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	02/26/14	1.51	NA	NA	NA	NA	NA	NA	NA	NA						
	03/28/14	<0.100	NA	NA	NA	NA	NA	NA	NA	NA						
	04/25/14	0.265	NA	NA	NA	NA	NA	NA	NA	NA						
	07/09/14	0.158	NA	NA	NA	NA	NA	NA	NA	NA						
	10/08/14	<0.100	NA	NA	NA	NA	NA	NA	NA	NA						
	01/06/15	0.341	NA	NA	NA	NA	NA	NA	NA	NA						
	04/20/15	0.479	NA	NA	NA	NA	NA	NA	NA	NA						
	07/08/15	0.222	NA	NA	NA	NA	NA	NA	NA	NA						
	10/06/15	21.8	NA	NA	NA	NA	NA	NA	NA	NA						
	01/05/16	0.130	NA	NA	NA	NA	NA	NA	NA	NA						
	02/25/20	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-11	08/20/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	07/08/14	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/27/15	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	10/06/15	7.56	NA	NA	NA	NA	NA	NA	NA	NA						
	01/04/16	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	07/13/16	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/24/17	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/10/18	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/31/19	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	02/25/20	NA	NA	NA	NA	NA	NA	NA	NA	NA						

Table 2(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 2(1)**

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Total Iron	Arsenic	Barium	Cadmium	Chromium	Silver	Lead	Selenium	Mercury						
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L						
MW-14S	05/18/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/22/13	5.23	NA	NA	NA	NA	NA	NA	NA	NA						
	12/20/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	02/27/14	3.71	NA	NA	NA	NA	NA	NA	NA	NA						
	03/27/14	2.94	NA	NA	NA	NA	NA	NA	NA	NA						
	04/24/14	8.14	NA	NA	NA	NA	NA	NA	NA	NA						
	07/09/14	5.53	NA	NA	NA	NA	NA	NA	NA	NA						
	10/07/14	51.1	NA	NA	NA	NA	NA	NA	NA	NA						
	01/05/15	21.9	NA	NA	NA	NA	NA	NA	NA	NA						
	04/21/15	17.9	NA	NA	NA	NA	NA	NA	NA	NA						
	07/07/15	12.1	NA	NA	NA	NA	NA	NA	NA	NA						
	10/06/15	16.3	NA	NA	NA	NA	NA	NA	NA	NA						
	01/05/16	16.5	NA	NA	NA	NA	NA	NA	NA	NA						
	01/24/17	8.89	NA	NA	NA	NA	NA	NA	NA	NA						
	07/06/17	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/10/18	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/21/19	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	02/25/20	NA	NA	NA	NA	NA	NA	NA	NA	NA						

Table 2(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 2(1)**

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Total Iron	Arsenic	Barium	Cadmium	Chromium	Silver	Lead	Selenium	Mercury						
	Units	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	NA	NA	NA	NA	NA	NA	NA						
	08/21/13	8.99	NA	NA	NA	NA	NA	NA	NA	NA						
	12/19/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	02/27/14	107	NA	NA	NA	NA	NA	NA	NA	NA						
	03/27/14	5.03	NA	NA	NA	NA	NA	NA	NA	NA						
	04/23/14	2.13	NA	NA	NA	NA	NA	NA	NA	NA						
	07/10/14	3.79	NA	NA	NA	NA	NA	NA	NA	NA						
	10/06/14	35.6	NA	NA	NA	NA	NA	NA	NA	NA						
	01/06/15	91.6	NA	NA	NA	NA	NA	NA	NA	NA						
	04/21/15	28.7	NA	NA	NA	NA	NA	NA	NA	NA						
	07/07/15	3.15	NA	NA	NA	NA	NA	NA	NA	NA						
	10/06/15	36.1	NA	NA	NA	NA	NA	NA	NA	NA						
	01/05/16	4.94	NA	NA	NA	NA	NA	NA	NA	NA						
	01/24/17	0.781	NA	NA	NA	NA	NA	NA	NA	NA						
	07/06/17	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/10/18	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	01/21/19	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	02/25/20	NA	NA	NA	NA	NA	NA	NA	NA	NA						

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

Table 3: Analytical Data for Soil Gas

DSCA ID No.: DC320013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				[µg/m^3]				
SV-18	5	N/A	09/10/09	<1.6	105,000	<1.6	11.3	<1.0
		N/A	11/17/09	<71.7	21,435	<138	<97	<45.2
		6m	05/17/12	<1,600	2,400,000	<1,600	<2,100	<1,000
		11m	11/27/12	<63	57,000	<63	<86	<41
		N/A	01/08/13	<32	81,000	<32	<43	<20
		1h 15m	10/09/13	<4.0	1,200	<4.0	<5.4	<2.6
		1h 10m	12/18/13	<4.0	180,000	<4.0	4.7J	<2.6
		1h 22m	02/24/14	<7.9	120,000	<7.9	3.2J	<5.1
		10m	03/25/14	<4.0	74,000	<4.0	6.8	<2.6
		6m	04/21/14	<400	240,000	<400	<540	<260
		9m	07/07/14	<16	180,000	<16	<21	<10
		10m	10/06/14	<160	170,000	<160	<210	<100
		8m	01/05/15	<160	240,000	<160	180J	<100
		7m	03/22/17	<4.0	150,000	<4.0	3.4 J	<2.6
		10m	01/30/20	<7.9	42,000	<7.9	<11	<5.1
SV-19	5	N/A	09/10/09	<13.0	3,910	<13.0	<17.6	<8.3
		16m	05/16/12	<1.6	2,100	<1.6	<2.1	<1.0
		18m	11/27/12	<6.3	2,100	<6.3	<8.6	<4.1
		N/A	01/08/13	<1.6	2,600	<1.6	<2.1	<1.0
		1h 10m	10/09/13	<4.0	15,000	<4.0	<5.4	<2.6
		1h 21m	12/18/13	<4.0	9,500	<4.0	<5.4	<2.6
		1h 16m	02/25/14	<7.9	5,500	<7.9	<11	<5.1
		10m	03/25/14	<4.0	3,400	<4.0	<5.4	<2.6
		5m	04/22/14	<7.9	6,700	<7.9	<11	<5.1
		8m	07/07/14	<0.79	1,500	<0.79	<1.1	<0.51
		10m	10/06/14	<4.0	170,000	<4.0	4.4J	<2.6
		9m	01/06/15	<79	26,000	<79	52J	<51
		8m	03/22/17	<4.0	18,000	<4.0	<5.4	<2.6
		10m	01/18/19	<7.9	31,000	<7.9	<11	<5.1
		10m	01/30/20	<7.9	12,000	<7.9	<11	<5.1
SV-35S	8	1h 20m	12/07/09	<1.09	9,142	<1.09	<2.25	<1.20
		10m	07/07/14	<16	140,000	<16	9.0	<10
		10m	01/18/19	<7.9	91,000	<7.9	<11	<5.1
		10m	01/30/20	<7.9	42,000	<7.9	<11	<5.1
DWM Residential SGSL				NE	280	NE	14	56

Notes:

1. NA = Not Analyzed; NE = Not Established; N/A = Not Available

2. Division of Waste Management (DWM) Residential Soil Gas Screening Levels (SGSLs) dated February 2018 are provided for reference.

Table 4: Analytical Data for Indoor Air

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					µg/m^3				
1419-DOWN	10/15/09	R	SU	24h	<1.1	6.1	<1.1	<1.5	<0.7
	11/10/09		SU	24h	<55.09	54.2	<106.21	63.39J	<35.006
	11/16/09		SU	24h	0.165	8.47	<0.0346	0.0468J	<0.014
	11/24/09		SU	24h	4.4	18	<5.15	5.9	<1.74
	12/28/09		SU	24h	<0.03	1.78	<0.030	0.021J	<0.0114
	03/30/10		SU	24h	<0.0347	2.83	<0.0347	0.0219J	<0.0132
	01/07/11		SU	24h	<0.079	5.2	<0.079	<0.11	<0.051
	01/07/11		P-R	24h	<1.7 C	5.7	<1.7 C	<1.0	<2.7 C
	03/14/11		P-R	30d	<0.060 C	6.6	<0.060 C	<0.036	<0.096 C
	04/14/11		P-R	28d	<0.060 C	8.6	<0.060 C	<0.036	<0.096 C
	10/05/11		P-R	34d	<0.049 C	12	<0.049 C	<0.029	<0.079 C
	02/13/12		P-R	30d	<0.060 C	5.1	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	<0.079	12	<0.079	<0.11	<0.051
	05/21/12		P-R	30d	<0.051 C	10	<0.051 C	<0.030	<0.082 C
	12/05/12		P-R	30d	<0.077 C	7.3	<0.080 C	<0.035	<0.11 C
	02/01/13		P-R	30d	<0.074 C	6.3	<0.077 C	<0.034	<0.10 C
	10/01/13		P-R	14d	<0.16 C	6.1	<0.17 C	<0.072	<0.22 C
	12/17/13		P-R	14d	<0.16 C	6.2	<0.17 C	<0.072	<0.22 C
	02/20/14		SU	24h	<0.14	9.8	<0.14	<0.19	<0.090
	03/06/14		P-R	14d	<0.12 C	7.7	<0.60 C	<0.14	<0.077 C
	03/18/14		SU	24h	<0.14	2.0	<0.14	<0.19	<0.090
	04/01/14		P-R	14d	<0.12 C	5.5	<0.60 C	<0.14	<0.077 C
	04/15/14		SU	24h	<0.14	24	<0.14	<0.19	<0.090
	04/29/14		P-R	14d	<0.12 C	5.9	<0.60 C	<0.14	<0.077 C
	06/02/14		P-R	14d	<0.16 C	0.77	<0.16 C	<0.072	<0.22 C
	07/01/14		P-R	14d	<0.12 C	3.50	<0.60 C	<0.14	<0.077 C
	07/29/14		P-R	14d	<0.16 C	0.60	<0.16 C	<0.072	<0.22 C
	01/27/15		P-R	14d	<0.16 C	0.28	<0.16 C	<0.072	<0.22 C
	03/29/17		P-R	7d	<0.33 C	0.18	<0.34 C	<0.15	<0.45 C
	03/09/18		P-R	4d	<0.41	<0.57	<2.0	<0.49	<0.26
	01/30/20		P-B	7d	<0.0684	0.378	<0.0684	<0.0737	<0.0855
	01/30/20		SU	24h	<0.183	<0.314	<0.186	<0.248	<0.118

Table 4: Analytical Data for Indoor Air

DSCA ID No.: DC320013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					µg/m^3				
1421-DOWN	10/06/09	R	SU	24h	<21.7	86.4	<21.7	18.9J	<13.9
	11/10/09		SU	24h	<2.77	9.5	<5.15	<3.8	<1.738
	11/16/09		SU	24h	0.07	3.32	<0.03	0.0430J	<0.0128
	11/24/09		SU	24h	3.84	11.53	<5.15	7.0	<1.738
	12/28/09		SU	24h	<0.033	0.71	<0.033	0.0215J	0.01536J
	01/13/10		SU	24h	<0.0298	1.32	<0.030	0.0327J	<0.01132
	03/02/10		SU	24h	<0.0279	0.927	<0.0279	0.0119J	<0.0106
	06/03/10		SU	24h	<0.0348	2.44	<0.035	0.0184	<0.01324
	01/07/11		SU	24h	0.11	2.9	<0.079	<0.11	<0.051
	01/07/11		P-R	24h	<1.7 C	3.5	<1.7	<1.0	<2.7
	04/14/11		P-R	28d	<0.049 C	7.0	<0.049 C	<0.029	<0.079 C
	02/13/12		P-R	30d	<0.060 C	1.9	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	0.21	5.6	<0.079	<0.11	<0.051
	05/21/12		P-R	30d	<0.054 C	4.3	<0.054 C	<0.032	<0.087 C
	12/05/12		P-R	30d	<0.077 C	11	<0.080 C	<0.035	<0.110 C
	02/01/13		P-R	30d	<0.074 C	3.5	<0.077 C	<0.034	<0.100 C
	09/19/13		P-R	13.3d	<0.17 C	13	<0.17 C	<0.076	<0.23 C
	12/17/13		P-R	14d	<0.16 C	27	<0.17 C	<0.072	<0.22 C
	02/25/14		SU	24h	<0.14	1.9	<0.14	<0.19	<0.090
	03/11/14		P-R	14d	<0.12 C	2.6	<0.60 C	26	<0.077 C
	03/18/14		SU	24h	<0.14	0.41	<0.14	<0.19	<0.090
	04/01/14		P-R	14d	<0.12 C	1.7	<0.60 C	<0.14	<0.077 C
	04/22/14		SU	24h	<0.14	4.8	<0.14	<0.19	<0.090
	05/06/14		P-R	14d	<0.12 C	2.4	<0.60 C	<0.14	<0.077 C
	06/02/14		P-R	14d	<0.16 C	3.6	<0.16 C	<0.072	<0.22 C
	07/01/14		P-R	14d	<0.11 C	3.5	<0.56 C	<0.13	<0.072 C
	07/31/14		P-R	14d	<0.16 C	1.9	<0.16 C	<0.072	<0.22 C
	10/28/14		P-R	14d	<0.16 C	18	<0.16 C	<0.072	<0.22 C
	01/27/15		P-R	14d	<0.16 C	0.36	<0.16 C	<0.072	<0.22 C
	04/28/15		P-R	14d	<0.16 C	0.76	<0.16 C	<0.072	<0.22 C
	07/21/15		P-R	14d	<0.16 C	8.30	<0.16C	<0.072	<0.22 C
	10/19/15		P-R	14d	<0.16 C	1.70	<0.16 C	<0.072	<0.22 C
	01/19/16		P-R	14d	<0.15 C	0.20	<0.15 C	<0.067	<0.20 C
	03/29/17		P-R	7d	<0.31C	1.7	<0.33 C	<0.14	<0.44 C
	03/09/18		P-R	4d	<0.41	<0.58	<2.1	<0.50	<0.27
	01/30/20		P-B	7d	<0.0709	<0.0902	<0.0709	<0.0763	<0.0886
	01/30/20		SU	24h	<0.182	<0.311	<0.184	<0.246	<0.117
DWM Residential Indoor Air Screening Level					NE	8.3	NE	0.42	1.7

Notes:

1. Division of Waste Management (DWM) Residential and Non-Residential Indoor Air Screening Levels (IASLs) at Target Risk = 1.0E-05 dated February 2018 are provided for reference

2. NA = Not Analyzed; NE = Not Established; J = Below Calibration Range (estimated value); C = Estimated Flow Rate; m = Manual Integration; P-R = Passive Radiello Sample; P-B = Passive Beacon Sample; SU = Summa Canister Sample.

FIGURES

NOTE:
1. DATA SOURCES: DURHAM COUNTY GIS, WITHERS & RAVENEL.

TITLE

SITE MAP

PROJECT

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

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

DATE: 4-29-20 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 1

S:\AAA-Master Projects\DSCA - DS0\DS0-84 One Hr Martinizing (former B&B(T)\Website Updates\2018 Updates\January 2018\Figures\Site Map.dwg, FIG 1, 2/20/2018 10:04:50 AM, zbarlow

PARKING DECK

NORTHGATE MALL

NORTHGATE AUTO SERVICE (1130 W. CLUB)

RESTAURANT (1129 W. CLUB)

RESIDENCE (1417 WATTS)

RESIDENCE (1415 WATTS)

RESIDENCE (1413 WATTS)

RESIDENCE (1410 WATTS)

TRIANGLE FAMILY CHURCH (1414 WATTS)

WATTS STREET

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

DOLLAR AVENUE

N. GREGSON STREET

RESIDENCE (1425 DOLLAR)

RESIDENCE (1422 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1420 DOLLAR)

RESIDENCE (1419 DOLLAR)

RESIDENCE (1418 DOLLAR)

RESIDENCE (1417 DOLLAR)

RESIDENCE (1416 DOLLAR)

RESIDENCE (1414 DOLLAR)

RESIDENCE (1413 DOLLAR)

RESIDENCE (1412 DOLLAR)

RESIDENCE (1411 DOLLAR)

RESIDENCE (1410 DOLLAR)

RESIDENCE (1409 DOLLAR)

MW-10 (362.37)

MW-13 (353.98)

MW-11 (355.24)

MW-12 (354.27)

MW-3I

MW-3R (359.44)

MW-24S (357.42)

MW-4I (355.53)

MW-4R (357.76)

MW-22I

MW-22S (358.43)

MW-23S (358.30)

MW-23I

MW-14S/I (356.43)

MW-21 (361.08)

MW-16S/I (356.69)

MW-15S/I (357.54)

MW-19 (362.61)

MW-17S/I (356.41)

MW-6 (362.51)

MW-18 (347.83)

MW-20S (361.59)

MW-20I

MW-7 (360.08)

MW-8 (363.33)

MW-9 (376.91)

355 357 359 361 363 365 367 369 371 373 375

LEGEND

- SITE PROPERTY BOUNDARY
- NON-SOURCE PROPERTY BOUNDARY
- TYPE II MONITORING WELL
- EXCAVATION AREA
- (355.24) GROUNDWATER ELEVATION (FT MSL)
- 356 GROUNDWATER ELEVATION CONTOUR (FT MSL)
- INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. DATA SOURCES: DURHAM COUNTY GIS, WITHERS & RAVENEL.
2. MONITORING WELLS GAUGED ON 2/25/20.
3. MW-18 NOT USED IN CONTOURING DUE TO ANOMALOUS DATA..

N

APPROXIMATE
0 80 160
SCALE IN FEET

TITLE

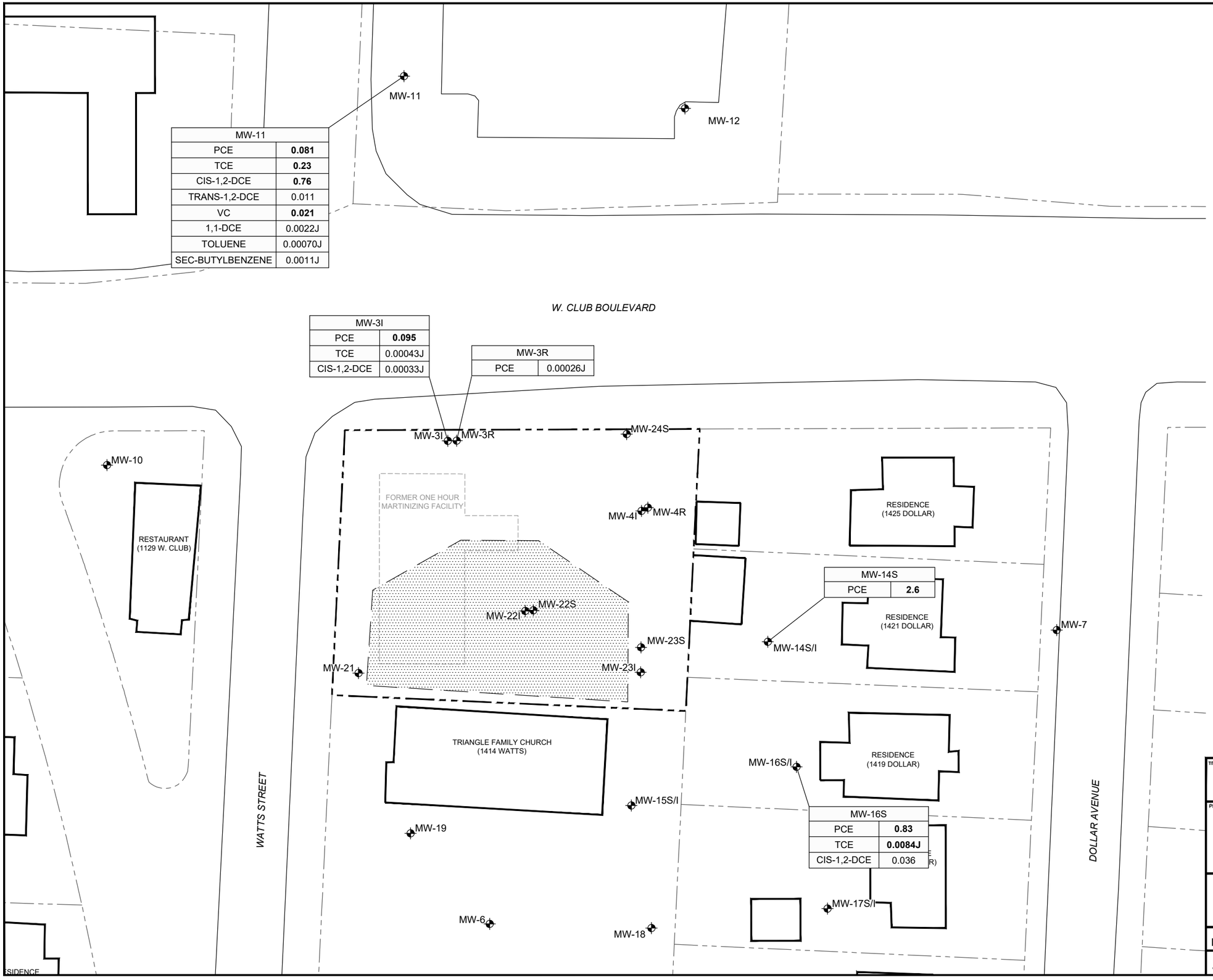
SHALLOW GROUNDWATER GRADIENT MAP

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: 4-27-20	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 2



NOTES:

1. GROUNDWATER SAMPLES COLLECTED ON 2/25/20.
2. **BOLD** CONCENTRATIONS EXCEED 2L STANDARDS.
3. ONLY DETECTED CONSTITUENTS SHOWN ON FIGURE.
4. PCE = TETRACHLOROETHYLENE
   TCE = TRICHLOROETHYLENE
   DCE = DICHLOROETHYLENE
   VC = VINYL CHLORIDE
5. J FLAG DENOTES ESTIMATED CONCENTRATION BETWEEN LABORATORY REPORTING LIMIT AND METHOD DETECTION LIMIT.

TITLE
GROUNDWATER CONTAMINANT CONCENTRATION 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
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License # C-1269 / #C-245 Geology

DATE: 4-27-20	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 3

TITLE
SHALLOW GROUNDWATER PCE ISOCONCENTRATION MAP (FEBRUARY 2020)

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: 4-27-20	REVISION NO. 0
JOB NO. DS0-84	FIGURE NO. 4A

PARKING DECK

NORTHGATE MALL

NORTHGATE AUTO SERVICE (1130 W. CLUB)

RESTAURANT (1129 W. CLUB)

RESIDENCE (1417 WATTS)

RESIDENCE (1415 WATTS)

RESIDENCE (1413 WATTS)

RESIDENCE (1410 WATTS)

TRIANGLE FAMILY CHURCH (1414 WATTS)

WATTS STREET

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

DOLLAR AVENUE

RESIDENCE (1423/1425 DOLLAR)

RESIDENCE (1422 DOLLAR)

RESIDENCE (1421 DOLLAR)

RESIDENCE (1420 DOLLAR)

RESIDENCE (1419 DOLLAR)

RESIDENCE (1418 DOLLAR)

RESIDENCE (1417 DOLLAR)

RESIDENCE (1416 DOLLAR)

RESIDENCE (1414 DOLLAR)

RESIDENCE (1413 DOLLAR)

RESIDENCE (1412 DOLLAR)

RESIDENCE (1411 DOLLAR)

RESIDENCE (1410 DOLLAR)

RESIDENCE (1409 DOLLAR)

MW-10 <0.001

MW-13 <0.001

MW-11 0.0578

MW-12 <0.001

MW-3R 0.00711

MW-3I

MW-4R 0.907

MW-4I

MW-22S 0.00537

MW-22I

MW-23S 92.4

MW-23I

MW-14S/I 0.0312

MW-21 <0.001

MW-16S/I 0.112

MW-15S/I 13.1

MW-19 NS

MW-6 NS

MW-18 1.18

MW-17S/I NS

MW-20S/I NS

MW-7 NS

MW-8 NS

MW-9 <0.001

0.0007

0.007

0.07

0.7

1

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 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 80 160
SCALE IN FEET

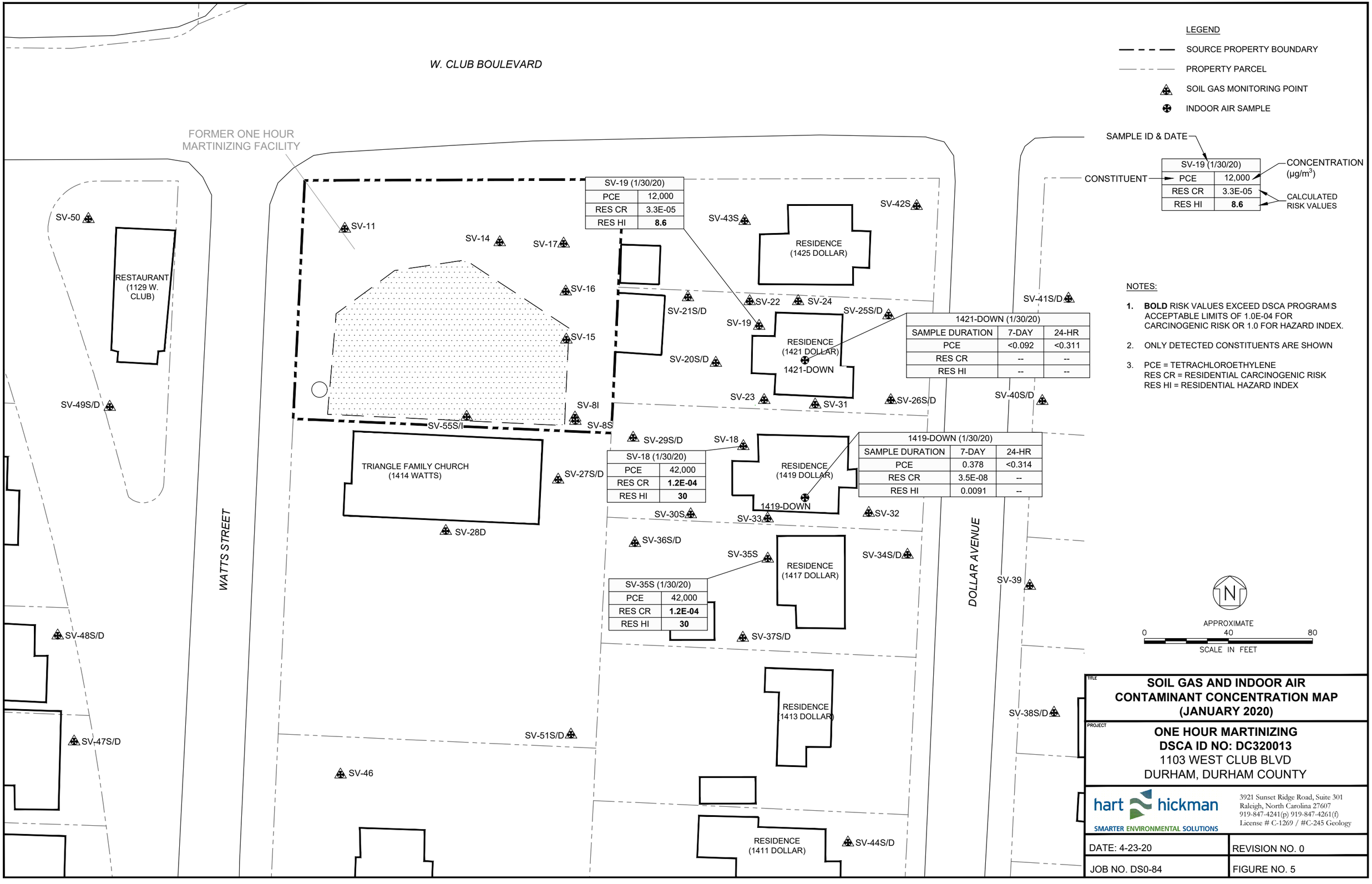
TITLE **PRE-INJECTION SHALLOW GROUNDWATER PCE ISOCONCENTRATION MAP (DECEMBER 2013)**

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

hart hickman
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: 4-29-20 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 4B



NOTES:

1. **BOLD** RISK VALUES EXCEED DSCA PROGRAM'S ACCEPTABLE LIMITS OF 1.0E-04 FOR CARCINOGENIC RISK OR 1.0 FOR HAZARD INDEX.
2. ONLY DETECTED CONSTITUENTS ARE SHOWN
3. PCE = TETRACHLOROETHYLENE
   RES CR = RESIDENTIAL CARCINOGENIC RISK
   RES HI = RESIDENTIAL HAZARD INDEX

TITLE
SOIL GAS AND INDOOR AIR CONTAMINANT CONCENTRATION MAP (JANUARY 2020)

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

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
3921 Sunset Ridge Road, Suite 301
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)
License # C-1269 / #C-245 Geology

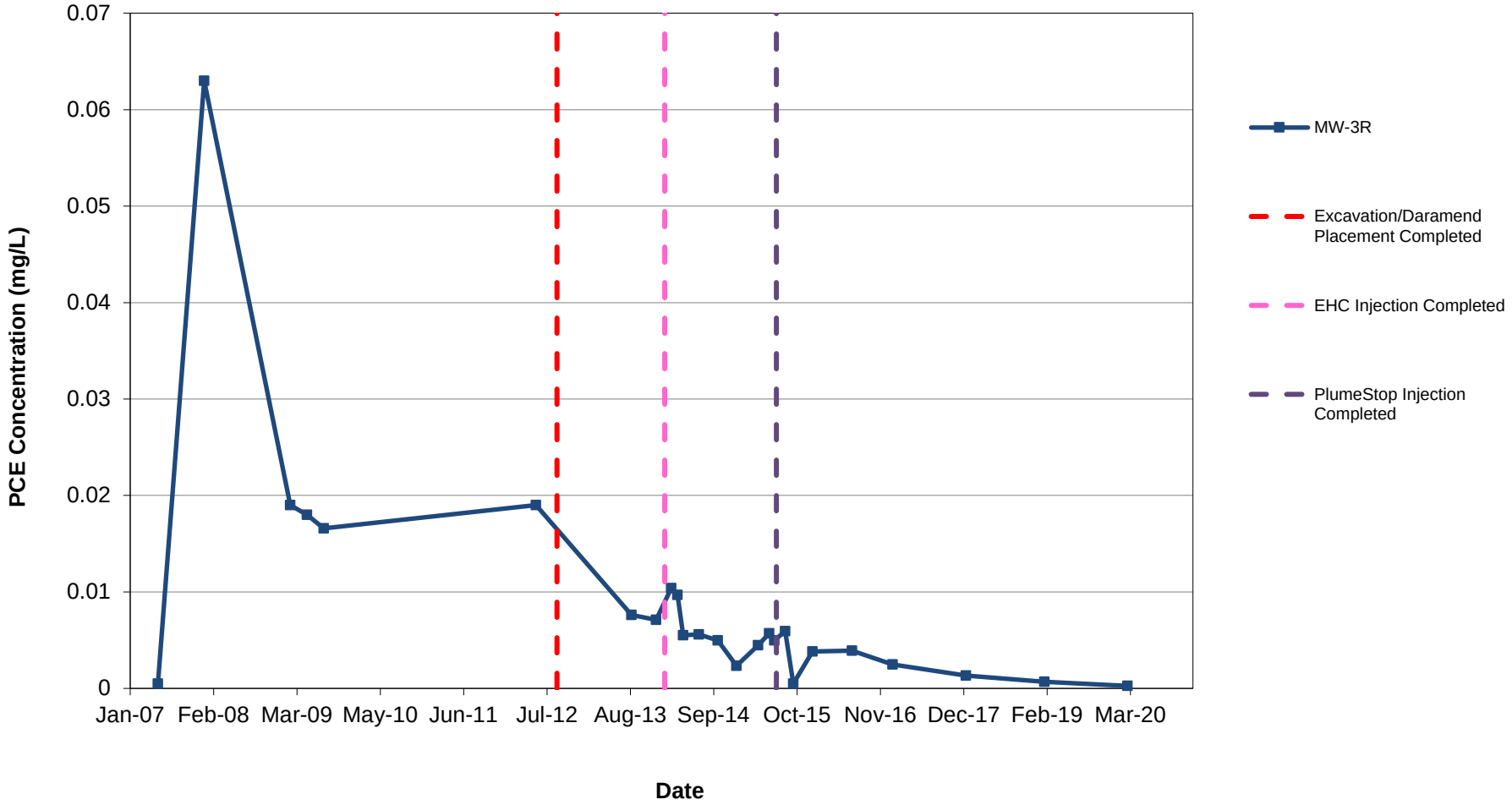
DATE: 4-23-20 | REVISION NO. 0
JOB NO. DS0-84 | FIGURE NO. 5

S:\AAA-Master Projects\DSCA - DSO\DS0-84 One Hr Martinizing (former BB&T)\Reports (H&H)\2020-01 GW & SG &IAI\I Report\Figures\DC320013_20200423_Figure.dwg 4/23/2020 8:02:10 AM, DWG To PDF.pc3

ATTACHMENT A

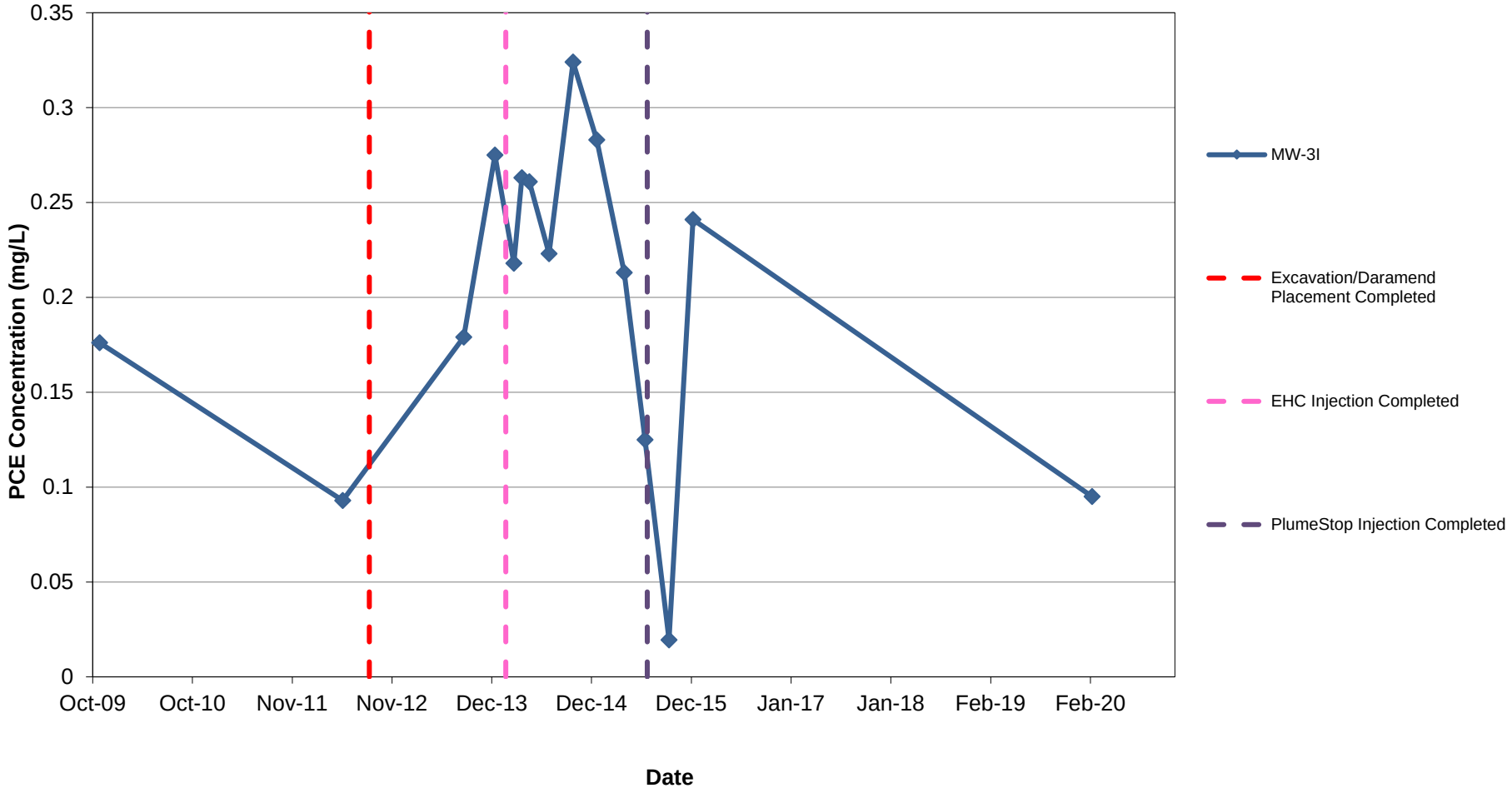
GRAPHS

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



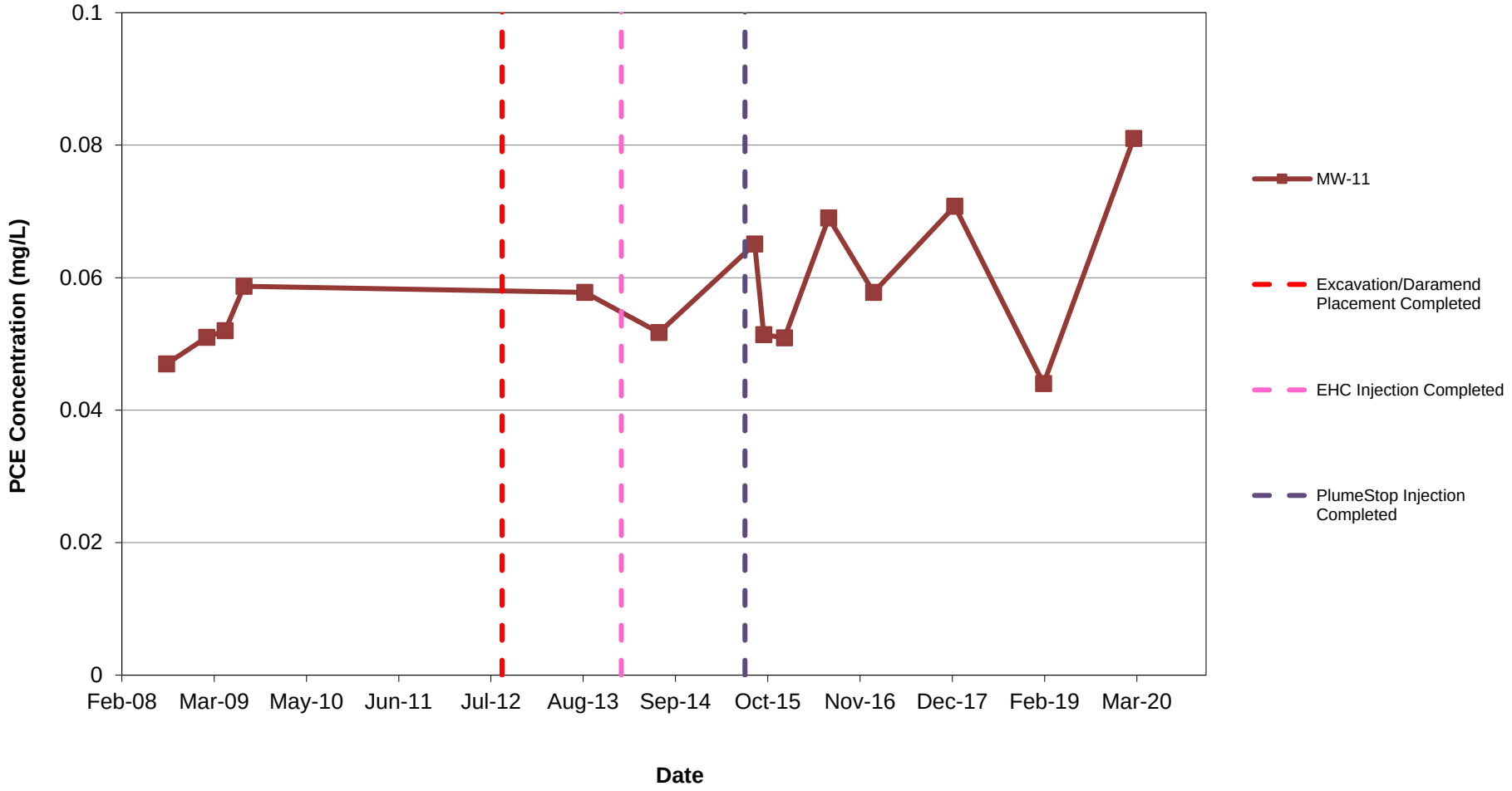
Note: Non-detect values are graphed as half the laboratory method detection limit.

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



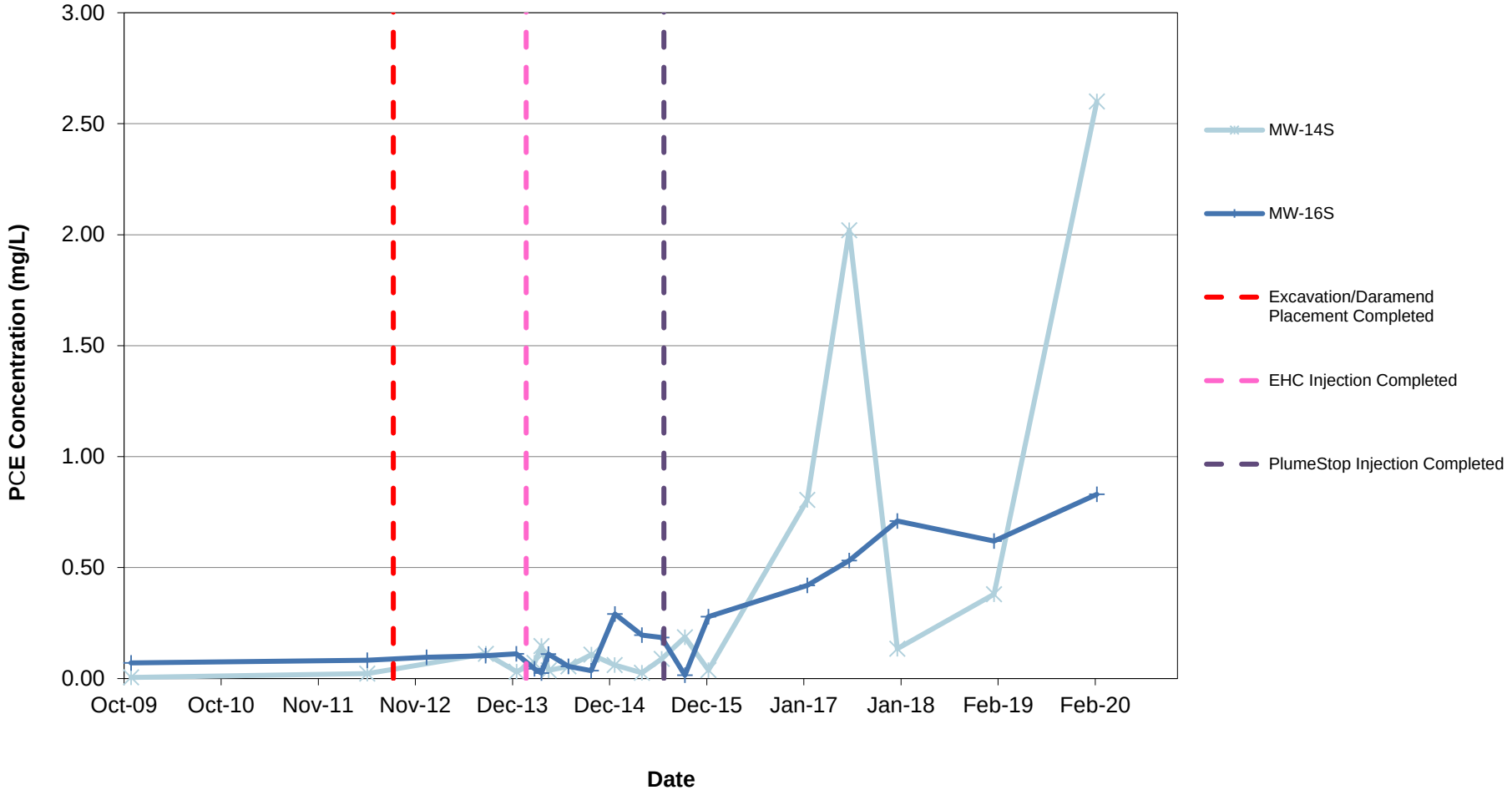
Note: Non-detect values are graphed as half the laboratory method detection limit.

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.