MEMORANDUM

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

To: Billy Meyer

From: Christie Zawtocki, PE
Timothy Klotz

Date: February 5, 2014

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

Subject: Monthly Update

Hart & Hickman, PC (H&H) is proceeding with implementation of the Remedial Action Plan (RAP) for the One Hour Martinizing site. A brief summary of recently completed activities and upcoming activities is provided below. An updated project calendar is provided in Attachment A.

Indoor Air Monitoring

In December 2013, H&H conducted quarterly indoor air monitoring at the three structures adjacent to the source property where vapor mitigation systems are in place (1419 Dollar St, 1421 Dollar St, and 1414 Watts St). On December 8, 2013, H&H collected two 3-hour Summa canister indoor air samples from the Triangle Family Church at 1414 Watts St during the church's Sunday service. Between December 3 and 17, 2013, H&H collected two Radiello samples from the 1419 and 1421 Dollar St residences. The indoor air samples were submitted for laboratory analysis of PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and VC. The analytical results for the indoor air samples are summarized in Table 1 and presented on Figure 1.

PCE was detected in each of the indoor air samples collected at 1414 Watts St at concentrations of 120 $\mu g/m^3$ (1414-Front) and 280 $\mu g/m^3$ (1414-Rear). TCE was detected in one of the indoor air samples at an estimated concentration of 0.068 $\mu g/m^3$ (1414-Rear). To evaluate the risk associated with the detected indoor air concentrations, H&H evaluated a residential exposure scenario assuming 6 hours per week of exposure time, which is typical of a Triangle Family Church parishioner. As shown in the worksheets provided in Attachment B, the calculated cumulative carcinogenic risk levels are $4.8x10^{-7}$ and $1.1x10^{-6}$ and the hazard index levels are 0.11 and 0.25 for the 1414-Front and 1414-Rear samples, respectively. These risk levels are within acceptable levels.

PCE was detected in each of the indoor air samples collected from the residences at 1419 Dollar St (5.2 $\mu g/m^3$ and 6.2 $\mu g/m^3$) and 1421 Dollar St (13 $\mu g/m^3$ and 27 $\mu g/m^3$). The PCE concentrations detected in the 1421 Dollar St samples exceed the DWM Residential Indoor Air

Screening Level of 8.34 $\mu g/m^3$. H&H calculated the risk associated with the detected indoor air concentrations. As shown in the worksheets in Attachment B, the carcinogenic risk levels are less than $1x10^{-5}$ and the hazard index levels are less than 1. Thus, the risks associated with the detected indoor air concentrations are within acceptable levels.

The next indoor air sampling event is planned for February 2014.

Pre-Injection Sampling Activities

In accordance with the RAP, H&H collected groundwater and soil gas samples in December 2013 to establish baseline, pre-injection site conditions. The pre-injection groundwater and soil gas sampling activities were completed during the week of December 16, 2013. Groundwater samples were collected from the following locations:

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

The analytical results for the December 2013 sampling event are summarized on the attached Tables 8 and 12, along with historical data. The PCE groundwater results for the sampled wells are also shown on Figures 2A and 2B. The December 2013 data will serve as a baseline for evaluating the EHC injection performance. The data were generally consistent with previous sampling events.

The pre-injection soil gas sampling event included collecting soil gas samples from the locations listed below for analysis of PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and VC by EPA Method TO-15.

- Source property: SV-8S, SV-8I, SV-14, SV-55S, SV-55I
- West of source property: SV-49S, SV-49D, SV-50
- South of source property: SV-27S, SV-27D, SV-28D
- East of source property: SV-18, SV-19, SV-20S, SV-20D, SV-21S, SV-21D, SV-25S, SV-25D, SV-29S, SV-29D

Please note that SV-43S and SV-43D were scheduled to be sampled, but access to these locations could not be obtained. Also, SV-17 on the source property was originally scheduled to be sampled. H&H substituted SV-14, because SV-17 was damaged.

The analytical results for the soil vapor samples are summarized in Table 2 and presented on Figure 3. The results for the source property are compared to the Division of Waste Management (DWM) Non-Residential Soil Gas Screening Levels (SGSLs), and the results for the non-source properties to the south and east are compared to the DWM Residential SGSLs.

The December 2013 results will serve as a baseline for evaluating the effects of the EHC injection on soil gas concentrations.

In accordance with the RAP, H&H plans to conduct monthly post-injection groundwater and soil gas sampling for a minimum of three months. The post-injection sampling events will include sampling the same locations and performing the same analyses as the pre-injection sampling event. The first post-injection sampling event is scheduled for the week of February 24, 2014. A calendar which shows the post-injection schedule through April 2014 is attached.

Injection of EHC

The RAP includes injection of EHC (a commercial remediation product that contains zero-valent iron and carbon) to treat groundwater impacts at the source property targeting PCE groundwater concentrations of 15 mg/L or greater. On January 6, 2014, H&H and the injection contractor, Vironex, mobilized to the site to prepare for and begin the EHC injection activities. Due to road closures associated with winter weather, the EHC material could not be delivered to the site until January 8, 2014. EHC injection activities were performed at the site between January 8 and January 25, 2014. During this time, a total of 20,000 lbs of EHC was injected at the site. H&H is preparing a report to document the injection activities. Additional information will be provided in the next monthly update.

Soil Vapor Field Screening

H&H completed a post-injection soil vapor field screening event at the site on February 3, 2014. The event included measuring total volatile organic compounds (VOCs), methane, carbon dioxide, and oxygen in soil vapor, indoor air, and outdoor ambient air. The primary purpose of the sampling is to confirm methane levels are within acceptable standards. Measurements were scheduled to be collected at the following locations:

- Soil Vapor Monitoring Points: SV-8S, SV-8I, SV-18S, SV-19S, SV-20S, SV-20D, SV-29S, SV-55S, SV-55I
- Excavation Vent Exhaust Pipe
- Sub-Slab Depressurization (SSD) System Exhaust and Indoor Air at 1414 Watts St (Triangle Family Church)
- Ambient, Outdoor Air on Source Property

Measurements could not be collected from SV-8I and SV-55I due to moisture in these sampling points. The field screening data are summarized in the attached Table 3, and the methane readings are shown on the attached Figure 4. Recorded field measurements indicate that methane was detected in each of the sampled soil vapor points at low levels ranging from 0.1 to 0.4% by volume. These methane readings are well within acceptable levels.

Methane was detected in the vapors from the excavation passive exhaust vent at a level of 0.2% by volume in February 2014, which is substantially lower than previous sampling events. These vapors are exhausted into the atmosphere through the stack installed on the source property

where they dissipate into the atmosphere. Ambient air monitoring conducted near ground level in the immediate vicinity of the exhaust vent d only detected a very low level (0.1% by volume) in February. The Triangle Family Church at 1414 Watts St could not be accessed for sampling during the February sampling event.

VOCs were detected in each of the monitored soil vapor points. In general, the soil vapor VOC concentrations decreased compared to previous sampling events. The highest VOC concentration was detected in soil vapor point SV-29S (266 ppm) located east of the source excavation area.

As indicated on the attached calendar, the next vapor field screening event is scheduled for February 17, 2014.

TABLES

Table1: Analytical Data for Indoor Air **ADT 1**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1414 Watts St									
BG-1414	05/07/10		SU	6h	<0.0339	2.11	<0.0339	0.0162J	<0.0129
	05/14/10		P	7d	<0.24	2.1	<0.24	<0.14	<0.38
	03/17/11		P	7d	<0.15	0.36	<0.15	<0.092	<0.24
	11/11/12		SU	3h	<0.079	0.38	<0.079	<0.11	<0.051
1414-South	07/29/09	C	SU	3h	<34	**814**	<34	<45	<22
1414-Chase	03/17/11	C	P	7d	<0.15	31	<0.15	<0.092	<0.24
1414-Front	07/16/09	C	SU	1h	<3.2	**510**	<3.2	<4.3	<2.0
	07/29/09		SU	3h	<32	**692**	<32	<43	<21
	03/15/10		SU	6h	<0.0336	**163**	<95.5	0.0892	<0.0128
	04/09/10		SU	6h	<0.0348	**143**	<0.0348	0.0403J	<0.0132
	05/07/10		SU	6h	<0.0305	**90.4**	0.105	0.0740	<0.0116
	05/14/10		P	7d	<0.24	**89**	<0.24	<0.14	<0.38
	03/17/11		P	7d	<0.15	19	<0.15	<0.091	<0.24
	08/11/11		P	30d	<0.052	**100**	<0.052	<0.031	<0.084
	09/25/11		SU	3h	**1.7**	**55**	0.24	1.3	<0.051
	01/29/12		SU	3h	**0.48**	28	<0.079	0.42	<0.051
	04/22/12		SU	3h	**1.8**	5.4	<0.079	<0.11	<0.051
	11/11/12		SU	3h	<0.079	**320**	<0.079	<0.11	<0.051
	01/13/13		SU	3h	<0.079	**61**	<0.079	<0.11	<0.051
	07/28/13		SU	3h	0.33	**150**	<0.079	<0.11	<0.051
	09/15/13		SU	3h	<0.14	**66**	<0.14	<0.19	<0.090
	12/08/13		SU	3h	<0.14	**120**	<0.14	<0.19	<0.090
1414-Rear	07/29/09	C	SU	3h	<35	**841**	<35	<47	<22
	12/28/09		SU	6h	<0.191	**99**	<0.20	<0.395	<0.21
	03/15/10		SU	6h	<0.0345	**181**	<0.0345	0.0870	<0.0131
	04/09/10		SU	6h	<0.0336	**213**	<0.0336	0.0785	<0.0128
	05/07/10		SU	6h	<0.0344	**104**	0.0978	0.0717	<0.0131
	05/14/10		P	7d	<0.24	**120**	<0.24	<0.14	<0.38
	03/17/11		P	7d	<0.15	30	<0.15	<0.092	<0.24
	08/11/11		P	30d	<0.052	**110**	<0.052	<0.031	<0.084
	09/25/11		SU	3h	1.4	**95**	<0.079	0.17	<0.051
	01/29/12		SU	3h	2.6	**81**	<0.079	<0.11	<0.051
	04/22/12		SU	3h	1.2	25	<0.079	<0.11	<0.051
	11/11/12		SU	3h	<0.079	**190**	<0.079	<0.11	<0.051
	01/13/13		SU	3h	<0.079	**180**	<0.079	<0.11	<0.051
	07/28/13		SU	3h	0.29	**240**	<0.079	<0.11	<0.051
	09/15/13		SU	3h	<0.14	**210**	<0.14	0.057 J	<0.090
	12/08/13		SU	3h	<0.14	**280**	<0.14	0.068 J	<0.090

Table1: Analytical Data for Indoor Air **ADT 1**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1419 Dollar Ave									
1419-SUMP	03/30/10	R	SU	24h	<0.0310	0.581	<0.0310	0.0318J	<0.0142
BG-1419	03/30/10		SU	24h	<0.0332	0.369	<0.0332	0.0198J	<0.0126
	01/07/11		SU	24h	<0.079	1.0	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	<1.2	<1.7	<1.0	<2.7
	03/14/11		P	30d	<0.060 C	0.35	<0.060 C	<0.036	<0.096 C
	04/14/11		P	28d	<0.060 C	0.42	<0.060 C	<0.036	<0.096 C
	12/05/12		P	30d	<0.077 C	1.2	<0.080 C	<0.035	<0.11 C
	02/01/13		P	30d	<0.074 C	0.49	<0.077 C	<0.034	<0.10 C
1419-UP	10/15/09	R	SU	24h	<1.1	1.2J	<1.1	<1.5	<0.7
	11/10/09		SU	24h	3.73	**16.3**	<5.15	**7.52**	<1.74
	11/16/09		SU	24h	0.276	**9.15**	<0.04	0.07J	<0.0153
	11/24/09		SU	24h	4.36	**21.69**	<5.15	**5.91**	<1.74
	12/28/09		SU	24h	<0.040	3.13	<0.0749	0.193J	<0.0141
	03/30/10		SU	24h	0.512	2.71	<0.0324	0.0501	<0.0123
	01/07/11		SU	24h	<0.079	4.8	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	5.2	<1.7 C	<1.0	<2.7 C
	03/14/11		P	30d	<0.060 C	3.1	<0.060 C	<0.036	<0.096 C
	04/14/11		P	28d	<0.060 C	4.8	<0.060 C	<0.036	<0.096 C
	10/05/11		P	34d	<0.049 C	5.8	<0.049 C	<0.029	<0.079 C
	02/13/12		P	30d	<0.060 C	6.7	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	<0.079	**17.0**	<0.079	<0.11	<0.051
	05/21/12		P	30d	<0.051 C	5.4	<0.051 C	<0.030	<0.082 C
	12/05/12		P	30d	<0.077 C	6.0	<0.080 C	<0.035	<0.11 C
	02/01/13		P	30d	<0.074 C	4.7	<0.077 C	<0.034	<0.10 C
	10/01/13		P	14d	<0.16 C	5.1	<0.17 C	<0.072	<0.22 C
	12/17/13		P	14d	<0.16 C	5.2	<0.17 C	<0.072	<0.22 C
1419-DOWN	10/15/09	R	SU	24h	<1.1	6.1	<1.1	<1.5	<0.7
	11/10/09		SU	24h	<55.09	**54.2**	<106.21	**63.39J**	<35.006
	11/16/09		SU	24h	0.165	**8.47**	<0.0346	0.0468J	<0.014
	11/24/09		SU	24h	4.4	**18**	<5.15	**5.9**	<1.74
	12/28/09		SU	24h	<0.03	1.78	<0.030	0.021J	<0.0114
	03/30/10		SU	24h	<0.0347	2.83	<0.0347	0.0219J	<0.0132
	01/07/11		SU	24h	<0.079	5.2	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	5.7	<1.7 C	<1.0	<2.7 C
	03/14/11		P	30d	<0.060 C	6.6	<0.060 C	<0.036	<0.096 C
	04/14/11		P	28d	<0.060 C	**8.6**	<0.060 C	<0.036	<0.096 C
	10/05/11		P	34d	<0.049 C	**12**	<0.049 C	<0.029	<0.079 C
	02/13/12		P	30d	<0.060 C	5.1	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	<0.079	**12**	<0.079	<0.11	<0.051
	05/21/12		P	30d	<0.051 C	**10**	<0.051 C	<0.030	<0.082 C
	12/05/12		P	30d	<0.077 C	7.3	<0.080 C	<0.035	<0.11 C
	02/01/13		P	30d	<0.074 C	6.3	<0.077 C	<0.034	<0.10 C
	10/01/13		P	14d	<0.16 C	6.1	<0.17 C	<0.072	<0.22 C
	12/17/13		P	14d	<0.16 C	6.2	<0.17 C	<0.072	<0.22 C

Table1: Analytical Data for Indoor Air **ADT 1**

DSCA ID No.: 32-0013

Sample ID	Sampling Date (mm/dd/yy)	Sample Location [1]	Sampling Method [2]	Sampling Duration [3]	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
					[µg/m^3]				
1421 Dollar Ave									
BG-1421	03/02/10		SU	24h	<0.0270	0.0626	<0.0270	0.0109J	<0.0103
1421-UP	10/06/09	R	SU	24h	<1.1	4.70	<1.1	<1.5	<1.8653
	11/10/09		SU	24h	<2.93	6.24	<5.55	**8.59**	<1.8653
	11/16/09		SU	24h	0.14	2.23	<0.03	0.045J	<0.01265
	11/24/09		SU	24h	4.76	**10.85**	<5.15	**8.06**	<1.738
	12/28/09		SU	24h	<0.0345	0.64	<0.0345	0.03J	0.01661J
	01/13/10		SU	24h	<0.029	0.98	<0.029	0.0334J	<0.011
	03/02/10		SU	24h	<0.0297	0.564	<0.0297	0.0125J	<0.0113
	06/03/10		SU	24h	<0.0352	1.07	<0.0352	0.0302J	<0.0134
	01/07/11		SU	24h	0.36	2.2	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	2.3	<1.7 C	<1.0	<2.7 C
	04/14/11		P	28d	<0.049 C	3.7	<0.049 C	<0.029	<0.079 C
	02/13/12		P	30d	<0.060 C	1.1	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	0.75	2.5	<0.079	<0.11	<0.051
	05/21/12		P	30d	<0.054 C	1.6	<0.054 C	<0.032	<0.087 C
	12/05/12		P	30d	<0.077 C	6.7	<0.080 C	<0.035	<0.110 C
	02/01/13		P	30d	<0.074 C	2.1	<0.077 C	<0.034	<0.100 C
	09/19/13		P	13.3 d	<0.17 C	7.2	<0.17 C	<0.076	<0.23 C
	12/17/13		P	14 d	<0.16 C	**13**	<0.17 C	<0.072	<0.22 C
1421-DOWN	10/06/09	R	SU	24h	<21.7	**86.4**	<21.7	**18.9J**	<13.9
	11/10/09		SU	24h	<2.77	**9.5**	<5.15	<3.8	<1.738
	11/16/09		SU	24h	0.07	3.32	<0.03	0.0430J	<0.0128
	11/24/09		SU	24h	3.84	**11.53**	<5.15	**7.0**	<1.738
	12/28/09		SU	24h	<0.033	0.71	<0.033	0.0215J	0.01536J
	01/13/10		SU	24h	<0.0298	1.32	<0.030	0.0327J	<0.01132
	03/02/10		SU	24h	<0.0279	0.927	<0.0279	0.0119J	<0.0106
	06/03/10		SU	24h	<0.0348	2.44	<0.035	0.0184	<0.01324
	01/07/11		SU	24h	0.11	2.9	<0.079	<0.11	<0.051
	01/07/11		P	24h	<1.7 C	3.5	<1.7	<1.0	<2.7
	04/14/11		P	28d	<0.049 C	7.0	<0.049 C	<0.029	<0.079 C
	02/13/12		P	30d	<0.060 C	1.9	<0.060 C	<0.036	<0.096 C
	05/16/12		SU	24h	0.21	5.6	<0.079	<0.11	<0.051
	05/21/12		P	30d	<0.054 C	4.3	<0.054 C	<0.032	<0.087 C
	12/05/12		P	30d	<0.077 C	**11**	<0.080 C	<0.035	<0.110 C
	02/01/13		P	30d	<0.074 C	3.5	<0.077 C	<0.034	<0.100 C
	09/19/13		P	13.3 d	<0.17 C	**13**	<0.17 C	<0.076	<0.23 C
	12/17/13		P	14 d	<0.16 C	**27**	<0.17 C	<0.072	<0.22 C
DWM Residential IASLs					NE	8.34	12.6	0.43	0.16
DWM Non-Residential IASLs					NE	35.1	52	1.76	2.8

Notes:

1. "C" denotes commercial space; "R" denotes residence.
2. "SU" denotes Summa canister. "P" denotes passive sampler.
3. **Bold** exceeds DWM Non-Residential Indoor Air Screening Levels (IASLs) for 1414 Watts St samples and Residential IASLs for 1419 and 1421 Dollar Ave samples.
4. NA = Not Analyzed; NE = Not Established
5. J denotes estimated concentration between laboratory reporting limit and method detection limit.

Table 2: Analytical Data for Soil Gas **ADT 2**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				($\mu g/m^3$)				
SV-8S	5	N/A	05/29/09	<6,300	**2,600,000**	<6,300	<8,600	<4,100
		16m	05/16/12	<63	**88,000**	<63	<86	<41
		10m	11/27/12	<7,900	**1,000,000**	<7,900	**12,000**	<5,100
		N/A	01/08/13	<1,600	**1,600,000**	<1,600	<2,100	<1,000
		1h	10/09/13	<4.0	3,400	<4.0	<5.4	<2.6
		1h 20m	12/17/13	<7,900	**5,000,000**	<7,900	<11,000	<5,100
SV-8I	17	9m	11/27/12	<63,000	**9,500,000**	<63,000	<86,000	<41,000
		N/A	01/08/13	<32,000	**39,000,000**	<32,000	<43,000	<20,000
		1h	10/09/13	<16,000	**27,000,000**	<16,000	<21,000	<10,000
		1h 18m	12/17/13	<32,000	**36,000,000**	<32,000	<43,000	<20,000
SV-14	5	N/A	07/29/09	<28.94	**227,177**	<28.94	**41.92**	<18.66
		1 hr 29m	12/18/13	<4.0	**250,000**	<4.0	**33**	<2.6
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
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
SV-20S	8	N/A	11/17/09	<69.4	**257,085**	<133	<94	<43.7
		19m	05/16/12	<63	**140,000**	<63	<86	<41
		10m	11/27/12	<63	**120,000**	<63	<86	<41
		N/A	01/08/13	<63	**210,000**	<63	**100**	<41
		1h	10/09/13	<4.0	**330,000**	<4.0	6.0	<2.6
		1h 15m	12/18/13	<4.0	**230,000**	<4.0	4.0J	<2.6
SV-20D	20	N/A	11/17/09	<71.7	**786.9**	<138	<97.2	<45.2
		14m	05/16/12	<63	**200,000**	<63	<86	<41
		1h 5m	10/09/13	<4.0	**390,000**	<4.0	**17**	<2.6
		1h 5m	12/18/13	<4.0	**350,000**	<4.0	**14**	<2.6
SV-21S	8	N/A	11/17/09	<69.4	**79,364**	<133	<94	<43.7
		14m	05/16/12	<16	**39,000**	<16	<21	<10
		1h 5m	10/09/13	<4.0	**90,000**	<4.0	13	<2.6
		1h 9m	12/18/13	<4.0	**100,000**	<4.0	**14**	<2.6
SV-21D	20	N/A	11/17/09	<11.5	**19,468**	<22	<15.6	<7.4
		11m	05/16/12	<63	**140,000**	<63	<86	<41
		1h	10/09/13	<4.0	**180,000**	<4.0	**27**	<2.6
		1h 15m	12/18/13	<4.0	**170,000**	<4.0	**28**	<2.6
SV-25S	8	10m	05/16/12	<1.6	230	<1.6	<2.1	<1.0
		1h 5m	12/18/13	<0.40	140	<0.40	<0.54	<0.26
SV-25D	20	10m	05/16/12	<1.6	**460**	<1.6	<2.1	<1.0
		1h 5m	12/18/13	<0.40	**530**	<0.40	<0.54	<0.26

Table 2: Analytical Data for Soil Gas **ADT 2**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sample Duration[1]	Sampling Date (mm/dd/yy)	cis-1,2-Dichloroethylene	Tetrachloroethylene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride
				($\mu g/m^3$)				
SV-27S	8	1h 17m	12/07/09	<23.4	**419,604**	<23.4	**61.3J**	<25.7
		12m	05/16/12	<1.6	**2,200,000**	<1,600	<2,100	<1,000
		1h 10m	10/09/13	<4.0	**2,200,000**	1.5	**97**	<2.6
		1h 9m	12/17/13	<4.0	**1,600,000**	<4.0	**81**	<2.6
SV-27D	20	1h 16m	12/07/09	<33.9	**294,741**	<33.9	**117J**	<37.3
		18m	05/16/12	<6,300	**1,000,000**	<6,300	<8,600	<4,100
		1h 5m	10/09/13	<16,000	**9,200,000**	<16,000	<21,000	<10,000
		1h 15m	12/17/13	<7,900	**5,500,000**	<7,900	<11,000	<5,100
SV-28D	20	2 h 15m	01/07/10	<0.186	12.5	<0.186	0.407 J	<0.205
		2h 20m	05/16/12	<6.3	**18,000**	<6.3	<8.6	<4.1
		1h 45m	10/09/13	5.5	**77,000**	<4.0	8.2	<2.6
		2h 20m	12/17/13	<4.0	**5,600**	<4.0	<5.4	<2.6
SV-29S	8	N/A	11/17/09	<69.4	**2,190,984**	<133	<94	<116
		33m	05/17/12	<1,600	**2,200,000**	<1,600	<2,100	<1,000
		10m	11/27/12	<630	**610,000**	<630	<860	<410
		N/A	01/08/13	<630	**810,000**	<630	<860	<410
		1h 25m	10/09/13	<4.0	**1,900,000**	<4.0	**34**	<2.6
		1h 5m	12/18/13	<4.0	**1,500,000**	<4.0	**26**	<2.6
SV-29D	20	N/A	11/17/09	<2,220	**1,465,178**	<4,280	<3,003	<3,720
		19m	05/17/12	<6,300	**1,200,000**	<6,300	<8,600	<4,100
		1 hr 5m	12/18/13	<7,900	**11,000,000**	<7,900	<11,000	<5,100
SV-49S	8	45m	01/07/10	20.1	24.1	1.88J	8.33	121
		17m	05/16/12	<1.6	35	<1.6	4.9	<1.0
		1h 2m	12/17/13	<4.0	**2,600**	<4.0	3.3J	<2.6
SV-49D	14.5	1h 10m	01/07/10	<0.183	0.493J	0.196J	<0.377	<0.201
		16m	05/16/12	<1.6	26	<1.6	6.4	<1.0
		1h 7m	12/17/13	0.94	150	<0.40	2.4	<0.26
SV-50	7.5	1h 10m	01/07/10	<4.68	9.80J	<4.68	<9.65	<5.15
		14m	05/16/12	<63	**4,900**	<63	<86	<41
		1h 2m	12/17/13	<4.0	**2,400**	<4.0	<5.4	<2.6
SV-55S	5	15m	11/27/12	<630	**1,200,000**	<630	<860	<410
		N/A	01/08/13	<1,600	**2,500,000**	<1,600	<4,100	<1,000
		1h 5m	10/09/13	310	**3,800,000**	1.1 J	**890**	1.4 J
		1h 46m	12/18/13	<4,000	**2,700,000**	<4,000	<5,400	<2,600
SV-55I	17	1h 30m	11/27/12	<6,300	**6,800,000**	<6,300	<8,600	<4,100
		N/A	01/08/13	<6,300	**6,200,000**	<6,300	**9,600**	<4,100
		5h 10m	10/09/13	8.3	**320,000**	1.7 J	**33**	3.0
		4h 26m	12/18/13	<4.0	**93,000**	<4.0	12	<2.6
DWM Residential Soil Gas Screening Level				NE	278	417	13.9	53.7
DWM Non-Residential Soil Gas Screening Level				NE	3,500	5,260	175	2,790

Notes:
1. NA = Not Analyzed; NE = Not Established; N/A = Not Available
2. **Bold** exceeds Division of Waste Management (DWM) Residential Soil Gas Screening Level or DWM Non-Residential Soil Gas Screening Level (January 2014).
3. Analytical data for the SV-8S/I and SV-55S/I compared to DWM Non-Residential Soil Gas Screening Levels. Other data compared to Residential Soil Gas Screening Levels.
4. J denotes estimated concentration between laboratory reporting limit and method detection limit.

Table 3: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-8S	5.00	11/27/12	427	0.1	1.7	20.0
		01/08/13	1,833	0.8	2.2	18.7
		02/07/13	NA	0.1	2.0	19.2
		03/08/13	NA	0.0	2.4	18.8
		04/08/13	465	0.0	2.4	17.7
		05/08/13	473	0.0	4.1	15.7
		06/13/13	360	0.0	5.7	13.7
		07/08/13	349	0.0	5.8	13.4
		08/14/13	427	0.1	5.4	15.6
		09/11/13	423	0.2	4.1	15.1
		10/09/13	313	0.3	3.0	18.0
		11/13/13	385	0.2	3.4	16.2
		12/19/13	390	0.2	3.1	16.1
		01/08/14	492	0.2	3.8	18.4
		02/03/14	50.8	0.1	1.5	19.5
SV-8I	17.00	11/27/12	>9,999	0.0	2.5	18.8
		01/08/13	2222	1.3	2.8	18.3
		02/07/13	NM	0.2	2.2	18.6
		03/08/13	NM	0.1	2.4	17.9
		04/08/13	4,098	0.2	1.8	17.6
		05/08/13	1,720	0.2	3.9	13.3
		06/13/13	248	0.2	1.8	16.5
		07/08/13	305	0.2	2.3	15.9
		08/14/13	165	0.3	2.1	15.6
		09/11/13	3,056	0.2	1.2	11.2
		10/09/13	119	0.5	2.5	15.9
		11/13/13	310	0.3	1.8	12.4
		12/19/13	320	0.4	2.1	13.4
		01/08/14	534	0.2	2.4	19.4
		02/03/14	NM*			
SV-18	5.00	11/27/12	22.3	0.0	2.5	19.2
		01/08/13	51.1	0.4	0.0	21.5
		02/07/13	NM	0.0	2.3	18.6
		03/08/13	NM	0.0	4.1	16.9
		04/08/13	2.1	0.0	2.5	18.1
		05/08/13	14.9	0.0	4.9	15.9
		06/13/13	20.7	0.0	4.7	16.2
		08/14/13	26.1	0.1	3.0	18.2
		09/11/13	84.5	0.1	2.9	16.5
		10/09/13	201	0.0	3.5	17.5
		11/13/13	102	0.0	3.1	16.8
		12/19/13	100	0.0	3.2	15.8
		01/08/14	52.5	0.0	3.6	18.5
		02/03/14	25.7	0.2	1.3	20.8
SV-19	5.00	11/27/12	2.25	0.0	10.8	11.5
		01/08/13	4.50	0.6	9.1	13.3
		02/07/13	NM	0.0	8.6	13.9
		03/08/13	NM	0.0	8.3	13.5
		04/08/13	1.2	0.0	8.3	13.7
		05/08/13	0.9	0.0	9.1	13.0
		06/13/13	6.2	0.0	9.7	11.7
		08/15/13	4.4	0.0	9.2	12.1
		09/11/13	22.9	0.0	10.1	9.3
		10/09/13	156	0.0	11.9	9.8
		11/13/13	86.4	0.0	9.8	10.4
		12/19/13	92.6	0.0	8.7	13.4
		01/08/14	91.6	0.0	9.8	13.5
		02/03/14	16.4	0.2	3.3	18.8

Table 3: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-20S	5.00	11/27/12	75.5	0.0	6.3	16.1
		01/08/13	15.0	1.3	5.0	16.9
		02/07/13	NM	0.1	6.4	15.5
		03/08/13	NM	0.0	5.0	16.0
		04/08/13	47.4	0.0	5.2	15.3
		05/08/13	62.5	0.0	6.3	14.6
		06/13/13	64.0	0.0	7.7	13.1
		08/15/13	61.8	0.0	6.8	13.6
		09/11/13	60.4	0.1	5.1	15.3
		10/09/13	89.7	0.1	7.0	15.3
		11/13/13	78.1	0.0	6.8	14.4
		12/19/13	84.1	0.0	7.2	14.8
		01/08/14	104.0	0.0	7.3	15.5
		02/03/14	20.8	0.2	2.5	19.3
SV-20D	20.00	01/08/13	11.10	0.4	7.6	15.2
		02/07/13	NM	0.1	6.7	15.6
		03/08/13	NM	0.0	6.8	14.9
		04/08/13	46.8	0.0	6.7	15.2
		05/08/13	61.4	0.0	5.8	15.1
		06/13/13	58.9	0.0	7.1	13.5
		08/15/13	60.1	0.0	6.6	14.1
		09/11/13	93.1	0.1	7.6	12.5
		10/09/13	113	0.1	8.8	13.4
		11/13/13	101	0.0	8.2	12.8
		12/19/13	98.6	0.0	8.6	11.4
		01/08/14	115	0.0	8.6	15.3
		02/03/14	31.9	0.2	1.9	20.1
SV-29S	5.00	11/27/12	344	0.0	1.9	19.9
		01/08/13	96.3	0.3	2.0	19.8
		02/07/13	NM	0.1	2.3	18.6
		03/08/13	NM	0.0	2.8	17.6
		04/08/13	235	0.0	2.6	17.2
		05/08/13	151	0.0	3.3	16.7
		06/13/13	197	0.0	3.6	16.2
		08/14/13	317	0.1	3.4	17.7
		09/11/13	268	0.1	2.2	17.6
		10/09/13	356	0.0	3.2	18.0
		11/13/13	294	0.0	2.8	17.8
		12/19/13	264	0.0	3.1	15.4
		01/08/14	475	0.0	3.4	18.8
		02/03/14	266	0.2	1.2	20.6
SV-55S	5.00	11/27/12	430	0.2	0.2	21.1
		01/08/13	295	4.1	3.0	14.7
		02/07/13	NM	2.1	2.8	14.6
		03/08/13	NM	1.8	3.1	14.0
		04/08/13	311	1.4	3.0	14.3
		05/08/13	290	1.1	3.9	13.3
		06/13/13	295	0.8	4.5	11.8
		07/08/13	258	0.7	4.9	11.1
		08/14/13	133	0.2	1.8	17.8
		09/11/13	229	0.9	5.5	10.6
		10/09/13	501	0.8	5.4	13.6
		11/13/13	444	0.4	4.8	11.1
		12/19/13	421	0.6	4.2	16.2
		01/08/14	191	0.6	5.2	14.0
		02/03/14	58.3	0.4	3.6	18.1

Table 3: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
SV-55I	17.00	11/27/12	12	4.1	0.6	12.4
		01/08/13	442	3.6	2.0	12.1
		02/07/13	NM	1.4	2.9	14.8
		03/08/13	NM	1.6	3.5	14.6
		04/08/13	NM*			
		05/08/13	NM	1.6	2.7	10.7
		06/13/13	86.5	1.5	1.6	11.0
		07/08/13	NM	1.5	2.1	10.6
		08/14/13	26.7	0.3	0.2	16.5
		09/11/13	31.3	0.3	1.9	15.4
		10/09/13	4.9	0.1	0.0	21.2
		11/13/13	17.4	0.2	1.0	16.5
		12/19/13	19.4	0.4	1.0	18.1
		01/08/14	127	0.7	3.2	16.9
		02/03/14	NM*			
Vent Exhaust Pipe		11/27/12	38.0	12.5	11.1	9.7
		01/08/13	173	11.0	9.3	10.6
		02/07/13	NM	17.3	15.9	1.5
		03/08/13	NM	16.4	15.0	1.7
		04/08/13	6.5	12.6	11.7	4.9
		05/08/13	10.8	15.0	14.4	1.9
		06/13/13	9.6	14.9	13.4	0.7
		07/08/13	9.6	14.5	13.0	0.8
		08/14/13	17.7	15.2	14.5	1.7
		09/11/13	14.7	15.7	13.4	1.5
		10/09/13	16.0	13.8	10.4	6.7
		11/13/13	15.8	12.9	11.1	4.4
		12/19/13	12.8	10.9	10.0	3.8
		01/08/14	9.2	8.7	12.0	5.1
		02/03/14	7.5	0.2	0.0	21.9
SSD System Triangle Family Church 1414 Watts Street		11/27/12	2.4	0.1	0.0	21.0
		01/08/13	159	1.0	0.0	21.1
		02/07/13	NM	0.2	0.0	21.4
		03/08/13	NM	0.0	0.0	20.8
		04/08/13	0.0	0.0	0.0	20.8
		05/08/13	0.0	0.0	0.0	20.6
		06/13/13	0.0	0.0	0.0	20.4
		07/08/13	0.0	0.0	0.0	20.5
		08/14/13	4.4	0.1	0.0	20.5
		09/18/13	0.5	0.1	0.0	20.2
		10/09/13	6.1	0.1	0.1	21.1
		11/13/13	4.6	0.0	0.0	20.8
		12/19/13	5.2	0.0	0.0	21.4
		01/08/14	NM	NM	NM	NM
		02/03/14	NM	NM	NM	NM

Table 3: Soil Vapor Point and Indoor/Outdoor Air Field Measurements **ADT 3**

DSCA ID No.: 32-0013

Sample ID	Depth [feet bgs]	Sampling Date (mm/dd/yy)	Total Volatile Organic Compounds (VOC)	Methane	Carbon Dioxide	Oxygen
			ppm	%	%	%
Indoor Air Triangle Family Church 1414 Watts Street		11/27/12	0.0	0.0	0.0	21.0
		01/08/13	0.0	0.0	0.0	20.9
		02/07/13	NM	0.0	0.0	20.8
		03/08/13	NM	0.0	0.0	21.0
		04/08/13	0.0	0.0	0.0	20.9
		05/08/13	0.0	0.0	0.0	20.5
		06/13/13	0.0	0.0	0.0	20.5
		07/08/13	0.0	0.0	0.0	20.5
		08/14/13	0.0	0.1	0.0	20.6
		09/18/13	0.0	0.0	0.0	20.3
		10/09/13	0.0	0.1	0.0	21.2
		11/13/13	0.0	0.0	0.0	20.8
		12/19/13	0.0	0.0	0.0	21.2
		01/08/14	NM	NM	NM	NM
		02/03/14	NM	NM	NM	NM
Ambient, Outdoor Air (near excavation area on subject site)		11/27/12	0.0	0.0	0.0	20.9
		01/08/13	0.0	0.0	0.0	20.9
		02/07/13	NM	0.0	0.0	21.5
		03/08/13	NM	0.0	0.0	20.9
		04/08/13	0.0	0.0	0.0	20.9
		05/08/13	0.0	0.0	0.0	20.4
		06/13/13	0.0	0.0	0.0	20.4
		07/08/13	0.0	0.0	0.0	20.4
		08/14/13	0.0	0.0	0.0	20.6
		09/11/13	0.0	0.0	0.0	20.3
		10/09/13	0.0	0.3	0.0	21.3
		11/13/13	0.0	0.0	0.0	22.1
		12/19/13	0.0	0.0	0.0	22.4
		01/08/14	0.0	0.2	0.2	20.6
		02/03/14	0.5	0.1	0.0	21.3

Notes:
* = Water was present in soil vapor point SV-55I - little to no air flow
1. VOC concentrations measured using a photoionization detector (PID)
2. Methane, carbon dioxide, and oxygen concentrations measured using GEM 2000 multi-gas meter.
3. NM denotes not measured; NA denotes not available.

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
Permanent Monitoring Wells																					
DW-1	11/19/93	N/A	N/A	N/A	N/A	N/A	**0.68**	N/A	N/A	**0.0044**	N/A	N/A	BDL	N/A	**0.0027**	**0.039**	N/A	N/A	**0.0034**	N/A	N/A
RW-1	11/19/93	N/A	N/A	N/A	N/A	N/A	**0.51**	N/A	N/A	**0.0022**	N/A	N/A	BDL	N/A	BDL	0.0009	N/A	N/A	**0.0016**	N/A	N/A
MW-1	10/14/93	N/A	N/A	N/A	N/A	N/A	**5.5**	N/A	N/A	**0.010**	N/A	N/A	**0.0026**	N/A	BDL	**0.083**	N/A	N/A	**0.0053**	N/A	N/A
MW-1R	05/30/07	<0.25	<0.25	<0.25	<0.25	<1.2	**42**	<1.2	<0.25	<0.25	<0.25	<0.75	<0.25	<0.25	<0.25	<0.25	<0.25	<12	<1.2	<2.5	<0.25
	01/09/08	<0.001	0.0049	<0.001	<0.001	<0.005	**130**	0.0054	<0.001	**0.044**	<0.001	0.0036	<0.001	<0.001	<0.001	<0.001	0.0015	0.076	**0.0092**	<0.01	<0.001
	02/24/09	<1.0	<1.0	<1.0	<1.0	<5.0	**110**	<5.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<50	<5.0	<10	<1.0
	05/15/09	<0.5	<0.5	<0.5	<0.5	<2.5	**96**	<2.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<25	<2.5	<5.0	<0.50
	08/04/09	<0.001	0.0044	0.0012	<0.001	**0.0051**	**69**	0.0046	<0.001	**0.0173**	<0.001	0.0024	<0.001	<0.001	**0.0020**	**0.0163**	<0.001	<0.025	**0.0066**	<0.005	<0.001
	05/17/12	<0.05	<0.05	<0.05	<0.05	<0.25	**18**	<0.25	<0.05	<0.05	<0.05	<0.15	<0.050	<0.050	<0.050	<0.050	<0.050	<0.05	<0.25	<0.01	<0.05
MW-1I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.224**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/17/12	<0.001	<0.001	<0.001	<0.001	<0.005	**0.035**	<0.005	<0.001	**0.0011**	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
MW-1D	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0019**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	**0.038**	<0.01	**0.0058**
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.005	**0.017**	<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	**0.022**	<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	**0.0013**	<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
MW-2	10/14/93	N/A	N/A	N/A	N/A	N/A	**0.63**	N/A	N/A	**0.0013**	N/A	N/A	BDL	N/A	BDL	BDL	N/A	N/A	**0.0010**	N/A	N/A
	07/01/04	N/A	N/A	N/A	N/A	N/A	**0.022**	N/A	N/A	BDL	N/A	N/A	BDL	N/A	BDL	BDL	N/A	N/A	BDL	N/A	N/A
MW-2R	05/30/07	<0.001	<0.001	<0.001	<0.001	<0.005	**0.005**	<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
	01/09/08	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0034**	<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
	05/17/12	<0.001	<0.001	<0.001	<0.001	<0.005	**0.011**	<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
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

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-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
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
MW-4R	05/31/07	<0.001	<0.001	<0.001	<0.001	<0.005	**0.51**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.005	**0.31**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.005	**0.25**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.005	**0.19**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/04/09	<0.001	<0.001	<0.001	<0.001	<0.001	**0.203**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.025	<0.001	<0.005	<0.001
	05/17/12	<0.005	<0.005	<0.005	<0.005	<0.025	**0.73**	<0.025	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.025	<0.01	<0.005
	01/03/13	<0.01	<0.01	<0.01	<0.01	<0.01	**0.20**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<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
MW-4I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.0492**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/17/12	<0.001	<0.001	<0.001	<0.001	<0.005	**0.020**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.018**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0342**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0271**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
MW-5R	05/31/07	<0.25	<0.050	<0.050	<0.050	<0.25	**8.0**	<0.25	<0.050	<0.050	<0.050	<0.15	<0.050	<0.050	<0.050	<0.050	<0.050	<2.5	<0.25	<0.50	<0.050
	01/08/08	<0.001	0.019	<0.001	<0.001	<0.005	**64**	<0.005	0.0010	**0.060**	<0.001	0.0037	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	**0.0085**	<0.01	<0.001
	02/24/09	<0.5	<0.5	<0.5	<0.5	<2.5	**78**	<2.5	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<25	<2.5	<5.0	<0.50
	09/16/09	<0.1	<0.1	<0.1	NA	NA	**42**	<0.1	<0.1	**0.031J**	<0.1	<0.1	NA	NA	NA	NA	<0.1	NA	NA	NA	NA
	05/18/12	<0.25	<0.25	<0.25	<0.25	<1.2	**44**	<1.2	<0.25	<0.25	<0.25	<0.75	<0.25	<0.25	<0.25	<0.25	<0.25	<0.05	<1.2	<0.01	<0.25
MW-5D	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.005	**0.17**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	**0.0074**	<0.01	<0.001
	09/16/09	<0.001	<0.001	<0.001	NA	NA	**0.0773**	<0.001	<0.001	0.00026J	<0.001	<0.003	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.005	**0.066**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	NA

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DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-6	01/08/08	<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
	02/24/09	<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
	05/15/09	<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
	08/04/09	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.005	<0.001
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
MW-7	01/16/08	**0.0049**	<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
	02/24/09	**0.0046**	<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
	05/15/09	**0.0069**	<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
	08/04/09	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.005	<0.001
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
MW-8	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
MW-9	01/09/08	**0.0019**	<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
	08/22/13	**0.00535**	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
MW-10	09/03/08	**0.0064**	<0.005	**0.22**	<0.005	**0.036**	<0.005	<0.025	<0.005	<0.005	<0.005	**0.20**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.25	<0.025	<0.05	<0.005
	02/24/09	**0.11**	0.010	**0.059**	**0.26**	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	0.063	<0.01	<0.01	<0.01	<0.01	<0.01	<0.50	<0.05	<0.10	<0.01
	05/15/09	**0.049**	<0.001	**0.17**	**0.22**	**0.019**	<0.001	0.013	<0.001	<0.001	<0.001	**0.10**	<0.001	<0.001	<0.001	<0.001	<0.001	0.21	<0.005	<0.01	<0.001
	08/04/09	**0.0120**	<0.002	**0.282**	**0.0234**	**0.0743**	<0.002	0.0102	<0.002	<0.002	<0.002	**0.264**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.050	<0.002	0.141	<0.002
	05/17/12	**0.0026**	<0.001	**0.021**	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	0.022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	NA
	08/21/13	<0.001	<0.001	**0.0328**	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	0.00904	<0.001	<0.001	<0.001	<0.001	<0.001	0.00524	<0.001	<0.05	<0.001
	12/16/13	**0.00391**	<0.001	**0.0112**	<0.001	**0.00662**	<0.001	0.00270	<0.001	<0.001	<0.001	0.00996	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
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
MW-12	09/03/08	**0.0031**	<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
	05/15/09	**0.0011**	<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
	08/04/09	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.005	<0.001
	08/20/13	**0.00103**	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-13	09/03/08	<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
	02/24/09	<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
	05/15/09	<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
	08/04/09	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.005	<0.001
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<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	<0.05	<0.001
	12/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0312**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
MW-14I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.0015**	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	<0.001
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00108**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00133**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
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
MW-15I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	**0.00835**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00342**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00420**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
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	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.05	<0.005	<0.01	<0.001
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.103**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.112**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
MW-16I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	NA	<0.01
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.005	<0.01	NA
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.003	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.05	<0.005	<0.01	<0.001
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
MW-17S	11/25/09	<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	**0.017**	<0.01	<0.001
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00271**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
MW-17I	11/25/09	<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	**0.017**	<0.01	**0.0018**
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00177**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
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	<0.05	<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
MW-19	11/25/09	<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
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
MW-20S	01/25/10	<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
MW-20I	01/25/10	<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	**0.0052**	<0.01	<0.001
MW-21	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00114**	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	**0.00108**	<0.050	<0.001
	12/16/13	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.050	<0.001
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	<0.005	**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	<0.05	**6.9**	<0.05
	08/21/13	<0.001	0.00197	0.00209	<0.001	<0.005	<0.001	0.00197	<0.001	**0.00147**	**0.0239**	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
	12/17/13	<0.001	**0.216**	<0.001	<0.001	<0.005	**0.00537**	0.00259	0.00384	**0.0639**	**0.254**	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.05	<0.001
MW-22I	01/03/13	<0.1	**2.8**	<0.1	<0.1	<0.1	**67**	<0.5	<0.1	**1.4**	<0.1	<0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<5.0	<0.1	1.3	<0.1
	01/11/13	<0.5	**4.1**	<0.5	<0.5	<0.5	**70**	<2.5	<0.5	**1.6**	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<25	<0.5	<5.0	<0.5
	08/21/13	<0.001	**1.26**	< 0.001	<0.001	<0.005	**57.7**	0.00895	<0.05	**1.04**	**0.0596**	<0.002	<0.001	<0.001	<0.001	**0.0290**	**0.0138**	0.0558	**0.00852**	<0.05	<0.001
	12/16/13	<0.001	**0.380**	< 0.001	<0.001	<0.005	**70.7**	0.00924	0.00593	**0.451**	**0.0375**	<0.003	<0.001	<0.001	<0.001	**0.0410**	**0.00983**	0.0435	**0.0107**	<0.05	<0.001
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
MW-23I	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.005	**1.76**	<0.001	<0.001	**0.00140**	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00461**	<0.001	<0.005	**0.00147**	<0.050	<0.001
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.005	**0.659**	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	**0.00180**	<0.001	<0.005	<0.001	<0.050	<0.001
Temporary Monitoring Wells																					
GP-1	09/17/09	<0.1	<0.1	<0.1	NA	NA	**5.3**	<0.1	<0.1	<0.1	<0.1	<0.3	NA	NA	NA	NA	<0.1	NA	NA	NA	NA
GP-2	09/16/09	<0.5	<0.5	<0.5	NA	NA	**20**	<0.5	<0.5	<0.5	<0.5	<1.5	NA	NA	NA	NA	<0.5	NA	NA	NA	NA
GP-3	09/16/09	<0.2	<0.2	<0.2	NA	NA	**14**	<0.2	<0.2	<0.2	<0.2	<0.6	NA	NA	NA	NA	<0.2	NA	NA	NA	NA

Table 8: Analytical Data for Groundwater **ADT 8**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Benzene	cis-1,2-Dichloroethylene	Ethylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Vinyl chloride	Xylenes (total)	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethylene	Acetone	Chloroform	2-Butanone (MEK)	Bromodichloromethane
		[mg/L]																			
GP-4	09/16/09	<1	<1	<1	NA	NA	**40**	<1	<1	<1	<1	<3	NA	NA	NA	NA	<1	NA	NA	NA	NA
GP-5	09/16/09	<0.2	<0.2	<0.2	NA	NA	**7.4**	<0.2	<0.2	<0.2	<0.2	<0.6	NA	NA	NA	NA	<0.2	NA	NA	NA	NA
GP-6	09/16/09	<2	<2	<2	NA	NA	**120**	<2	<2	<2	<2	<6	NA	NA	NA	NA	<2.0	NA	NA	NA	NA
GP-7	09/17/09	<0.5	<0.5	<0.5	NA	NA	**15**	<0.5	<0.5	<0.5	<0.5	<1.5	NA	NA	NA	NA	<0.5	NA	NA	NA	NA
GP-8	09/16/09	<0.02	<0.02	<0.02	NA	NA	**4.0**	<0.02	<0.02	<0.02	<0.02	<0.06	NA	NA	NA	NA	<0.02	NA	NA	NA	NA
GP-9	09/17/09	<0.01	<0.01	<0.01	NA	NA	**0.092**	<0.01	<0.01	<0.01	<0.01	<0.03	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
GP-10	09/16/09	<0.02	<0.02	<0.02	NA	NA	**0.58**	<0.02	<0.02	<0.02	<0.02	<0.06	NA	NA	NA	NA	<0.02	NA	NA	NA	NA
GP-12	09/17/09	<0.001	<0.001	<0.001	NA	NA	**0.0011**	<0.001	<0.001	<0.001	<0.001	<0.003	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
GP-13	09/18/09	<0.05	<0.05	<0.05	NA	NA	**1.6**	<0.05	<0.05	<0.05	<0.05	<0.15	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
GP-14	09/17/09	<0.001	0.00040J	<0.001	NA	NA	**0.0029**	<0.001	<0.001	0.00026J	<0.001	<0.003	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
GP-15	09/18/09	<0.001	0.0048	<0.001	NA	NA	**0.0024**	<0.001	<0.001	**0.0021**	<0.001	<0.003	NA	NA	NA	NA	<0.001	NA	NA	NA	NA
GW-1 26-30'	09/06/13	<0.001	0.00157	<0.001	<0.001	<0.005	**10.9**	<0.001	<0.001	**0.00570**	<0.001	<0.002	**0.00118**	0.00615	<0.001	**0.00570**	0.00142	<0.005	**0.00219**	<0.05	<0.001
GW-1 33-37'	09/06/13	<0.005	<0.005	<0.005	<0.005	<0.025	**7.05**	<0.005	<0.005	**0.00582**	<0.005	<0.010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.25	<0.005
GW-2 29.5-33.5'	09/06/13	<0.001	**0.735**	0.00165	<0.001	<0.005	**0.946**	0.0496	0.00112	**0.0336**	**0.243**	<0.002	<0.001	<0.001	<0.001	**0.00208**	0.00166	1.32	<0.001	3.45	<0.001
GW-3 26-30'	09/06/13	<0.001	0.0129	<0.001	<0.001	<0.005	**23.7**	0.00155	<0.001	**0.0205**	<0.001	<0.002	<0.001	<0.001	**0.00220**	**0.0188**	0.00266	0.0481	**0.00701**	<0.050	<0.001
GW-3 40-45'	09/06/13	<0.001	0.0130	<0.001	<0.001	<0.005	**12.9**	0.00128	<0.001	**0.0163**	<0.001	<0.002	<0.001	<0.001	**0.00250**	**0.0185**	0.00214	0.0435	**0.00636**	<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 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	
		[mg/L]																			
Permanent Monitoring Wells																					
DW-1	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	
RW-1	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	
MW-1	10/14/93	0.016	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	**0.0084**	**0.011**	0.0030	
MW-1R	05/30/07	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
	01/09/08	0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.081**	0.013	0.0019	<0.001	<0.001	<0.001	<0.001	0.0032	<0.0025	<0.005	<0.005	
	02/24/09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<5.0	<5.0	
	05/15/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.2	<2.5	<2.5	
	08/04/09	0.0032	NA	NA	NA	<0.001	NA	NA	<0.001	**0.0958**	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	05/17/12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
MW-1I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	05/17/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
MW-1D	01/08/08	0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-2	10/14/93	0.0080	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	0.0062	
	07/01/04	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	
MW-2R	05/30/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	01/09/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/17/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
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	
MW-3R	05/31/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	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	
	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	

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	
		[mg/L]																			
MW-3I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	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	
	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	
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	
MW-4R	05/31/07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	0.0024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	05/17/12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
	01/03/13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-4I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	05/17/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	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	
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-5R	05/31/07	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
	01/08/08	0.0037	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.040**	<0.01	**0.0053**	0.0014	<0.001	<0.001	<0.001	0.0034	<0.0025	<0.005	<0.005	
	02/24/09	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.2	<2.5	<2.5	
	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	05/18/12	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
MW-5D	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	
		[mg/L]																			
MW-6	01/08/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	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	
MW-7	01/16/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	<0.001	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-9	01/09/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-10	09/03/08	<0.005	0.0066	0.014	<0.005	<0.005	0.062	**0.12**	<0.005	<0.005	<0.05	**0.25**	0.097	<0.005	<0.005	<0.005	0.046	<0.012	<0.025	<0.025	
	02/24/09	<0.01	<0.01	0.010	<0.01	<0.01	0.029	0.032	<0.01	<0.01	<0.10	**0.035**	0.014	<0.01	<0.01	<0.01	<0.01	<0.025	<0.05	<0.05	
	05/15/09	<0.001	0.0077	0.014	0.0015	0.0036	0.034	0.065	0.0033	<0.001	<0.01	**0.063**	0.021	<0.001	<0.001	<0.001	0.019	<0.0025	<0.005	<0.005	
	08/04/09	<0.002	NA	NA	NA	<0.002	NA	NA	<0.002	<0.002	<0.01	NA	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	<0.002	
	05/17/12	<0.001	<0.001	0.013	0.0014	<0.001	0.016	0.025	<0.001	<0.001	<0.01	0.0023	0.0017	<0.001	<0.001	<0.001	0.0045	<0.001	<0.001	<0.001	
	08/21/13	<0.001	0.00141	0.00777	<0.001	<0.002	0.00867	0.0186	<0.001	<0.001	<0.005	0.00573	0.00517	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/16/13	<0.001	<0.001	<0.001	0.00166	<0.002	0.0193	0.0350	0.00103	<0.001	<0.005	0.00307	0.00189	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-11	09/03/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	08/20/13	<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	<0.001	NA	<0.001	<0.001	<0.001	
MW-12	09/03/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	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	

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	
		[mg/L]																			
MW-13	09/03/08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	02/24/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	05/15/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/04/09	<0.001	NA	NA	NA	<0.001	NA	NA	<0.001	<0.001	<0.005	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	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	
MW-14S	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/20/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-14I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	08/22/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-15S	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.00799**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/20/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00575**	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-15I	11/09/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	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	
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-16S	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-16I	11/10/09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01	
	05/18/12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/19/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	
		[mg/L]																			
MW-17S	11/25/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-17I	11/25/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-18	11/25/09	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.062	<0.12	<0.12	
	05/18/12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	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	
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-19	11/25/09	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
	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	
MW-20S	01/28/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
MW-20I	01/28/10	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.005	<0.005	
MW-21	08/20/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	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	
MW-22S	01/03/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
	01/09/13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
	08/21/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-22I	01/03/13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	01/11/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	08/21/13	0.00558	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0742**	0.0124	0.00357	0.00110	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/16/13	0.00658	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0596**	0.0122	0.00432	0.00132	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-23S	08/19/13	0.00353	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.142**	0.00650	0.00197	0.00100	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/17/13	0.00394	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.128**	0.0155	0.00242	0.00113	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
MW-23I	08/19/13	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.00730**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
	12/17/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.00214**	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
Temporary Monitoring Wells																					
GP-1	09/18/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-2	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-3	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 8(1): Analytical Data for Groundwater (User Specified Chemicals) **ADT 8(1)**

DSCA ID No.: 32-0013

Groundwater Sampling Point	Sampling Date (mm/dd/yy)	Chlorobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Diisopropyl ether	Isopropylbenzene	n-Propylbenzene	p-Isopropyltoluene	1,1,1,2-Tetrachloroethane	4-Methyl-2pentanone (MIBK)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichloropropane	1,2,3-Trimethylbenzene	Chloromethane	Dichlorodifluoromethane	Trichlorofluoromethane	
		[mg/L]																			
GP-4	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-5	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-6	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-7	09/17/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-8	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-9	09/17/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-10	09/16/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-12	09/17/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-13	09/18/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-14	09/17/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GP-15	09/18/09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GW-1 26-30'	09/06/13	0.00156	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0143**	<0.005	<0.001	<0.001	0.00414	0.00118	<0.001	NA	<0.001	<0.001	<0.001	
GW-1 33-37'	09/06/13	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005	<0.005	<0.005	**0.0135**	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	
GW-2 29.5-33.5'	09/06/13	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	0.00112	<0.001	<0.001	NA	<0.001	<0.001	<0.001	
GW-3 26-30'	09/06/13	0.00133	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0248**	0.00654	0.00162	<0.001	0.00102	<0.001	0.00111	NA	<0.001	<0.001	<0.001	
GW-3 40-45'	09/06/13	0.00114	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	**0.0227**	0.00650	0.00138	<0.001	<0.001	<0.001	0.00103	NA	<0.001	<0.001	<0.001	
Tier 1 RBSL (or NC 2L Standard)		0.050	0.070	0.070	0.070	0.070	0.070	0.070	0.025	0.0032	0.10	0.0058	0.4	0.02	0.0022	0.0022	NE	0.0030	0.0014	2.0	

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 12: Analytical Data for Natural Attenuation Parameters **ADT 12**

DSCA ID No.: 32-0013

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	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	mg/L	mg/L	mg/L
MW-1R	08/05/11	6.95	1.1	2.3	NA	0.00073	20	43.3	NA	80	52	5.56	21.1	NA	<0.001	<0.0023
	05/17/12	NA	NA	NA	NA	0.014	NA	NA	NA	7.3	NA	NA	NA	NA	<0.013	<0.013
MW-1I	08/05/11	2.71	1.3	3.4	NA	<0.00072	5	54.2	NA	20	76	5.80	21.5	NA	<0.001	<0.0023
	05/17/12	NA	NA	NA	NA	0.016	NA	NA	NA	3.5	NA	NA	NA	NA	<0.013	<0.013
MW-2R	05/17/12	NA	NA	NA	NA	<0.010	NA	NA	NA	6.5	NA	NA	NA	NA	<0.013	<0.013
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	<0.001	<0.0023
	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	14	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	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	<0.005	<0.005
MW-3I	08/05/11	3.02	2.5	20	NA	<0.00072	0	65.90	NA	0	413	5.94	20.79	NA	<0.001	<0.0023
	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	8.8	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	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	<0.005	<0.005
MW-4R	05/17/12	NA	NA	NA	NA	0.011	NA	NA	NA	6	NA	NA	NA	NA	<0.013	<0.013
	08/20/13	0.93	NA	NA	NA	<0.005	NA	157.9	NA	NA	88	5.59	20.46	<1.0	<0.005	<0.005
	12/17/13	2.47	NA	NA	NA	<0.005	NA	89.1	NA	NA	84	5.59	15.16	NA	<0.005	<0.005
MW-4I	05/17/12	NA	NA	NA	NA	<0.010	NA	NA	NA	2.2	NA	NA	NA	NA	<0.013	<0.013
	08/20/13	4.85	NA	NA	NA	<0.005	NA	171.9	NA	NA	55	5.98	21.74	<1.0	<0.005	<0.005
	12/17/13	6.12	NA	NA	NA	0.0127	NA	39.6	NA	NA	52	6.22	13.98	NA	<0.005	<0.005
MW-5R	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	13	NA	NA	NA	NA	<0.013	<0.013
	08/05/11	5.99	2	2.4	NA	<0.00072	5	42.27	NA	15	103	5.93	21.29	NA	<0.001	<0.0023
MW-5D	05/18/12	NA	NA	NA	NA	0.011	NA	NA	NA	17	NA	NA	NA	NA	<0.013	<0.013
	08/05/11	1.72	2.7	49	NA	<0.00072	0	47.15	NA	10	614	6.67	21.76	NA	<0.001	<0.0023
MW-6	08/19/13	1.11	NA	NA	NA	NA	NA	154.4	NA	NA	210	5.58	21.11	NA	NA	NA
MW-7	08/22/13	1.55	NA	NA	NA	NA	NA	140.3	NA	NA	98	5.83	19.69	NA	NA	NA
MW-8	08/21/13	3.69	NA	NA	NA	NA	NA	133.8	NA	NA	200	6.26	22.00	NA	NA	NA
MW-9	08/22/13	0.62	NA	NA	NA	NA	NA	161.2	NA	NA	273	4.98	21.61	NA	NA	NA

Table 12: Analytical Data for Natural Attenuation Parameters **ADT 12**

DSCA ID No.: 32-0013

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	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	mg/L	mg/L	mg/L
MW-10	05/17/12	NA	NA	NA	NA	0.48	NA	NA	NA	98	NA	NA	NA	NA	<0.013	<0.013
	08/21/13	0.33	NA	NA	NA	0.393	NA	-58.2	NA	NA	940	6.68	23.12	4.48	<0.005	<0.005
	12/16/13	1.56	NA	NA	NA	1.55	NA	-82.3	NA	NA	897	6.7	20.05	NA	0.00792	<0.005
MW-11	08/20/13	0.48	NA	NA	NA	NA	NA	179.1	NA	NA	503	6.12	21.14	NA	NA	NA
MW-12	08/20/13	0.50	NA	NA	NA	NA	NA	153.7	NA	NA	134	5.31	20.37	NA	NA	NA
MW-13	08/20/13	0.25	NA	NA	NA	NA	NA	391.5	NA	NA	191	5.01	21.12	NA	NA	NA
MW-14S	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	11	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	1.97	<0.005	<0.005
	12/20/13	5.13	NA	NA	NA	0.0176	NA	123.8	NA	NA	132	6.26	15.3	NA	0.0441	<0.005
MW-14I	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	11	NA	NA	NA	NA	<0.013	<0.013
	08/22/13	2.77	NA	NA	NA	<0.005	NA	15.1	NA	NA	219	6.62	22.07	<1.0	<0.005	<0.005
	12/19/13	5.25	NA	NA	NA	<0.005	NA	127.8	NA	NA	54	6.04	16.24	NA	<0.005	<0.005
MW-15S	08/19/13	7.22	NA	NA	NA	NA	NA	170.5	NA	NA	62	5.00	19.41	NA	NA	NA
	12/20/13	6.23	NA	NA	NA	<0.005	NA	132.6	NA	NA	87	6.72	15.83	NA	<0.005	<0.005
MW-15I	08/19/13	2.56	NA	NA	NA	NA	NA	208.6	NA	NA	127	5.64	19.85	NA	NA	NA
	12/17/13	2.6	NA	NA	NA	<0.005	NA	124.1	NA	NA	117	5.65	16.72	NA	<0.005	<0.005
MW-16S	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	7.2	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	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	<0.005	<0.005
MW-16I	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	11	NA	NA	NA	NA	<0.013	<0.013
	08/21/13	4.69	NA	NA	NA	<0.005	NA	194.1	NA	NA	82	5.90	22.31	<1.0	<0.005	<0.005
	12/19/13	6.64	NA	NA	NA	<0.005	NA	96.2	NA	NA	41	5.80	15.81	NA	<0.005	<0.005
MW-17S	08/21/13	2.55	NA	NA	NA	NA	NA	47.8	NA	NA	245	6.18	2.55	NA	NA	NA
MW-17I	08/21/13	5.20	NA	NA	NA	NA	NA	128.4	NA	NA	74	6.12	22.38	NA	NA	NA
MW-18	05/18/12	NA	NA	NA	NA	<0.010	NA	NA	NA	9.1	NA	NA	NA	NA	<0.013	<0.013
	08/19/13	4.92	NA	NA	NA	<0.005	NA	155.5	NA	NA	74	5.38	19.09	1.01	<0.005	<0.005
	12/17/13	5.76	NA	NA	NA	<0.005	NA	109.8	NA	NA	41	5.59	16.70	NA	<0.005	<0.005

Table 12: Analytical Data for Natural Attenuation Parameters **ADT 12**

DSCA ID No.: 32-0013

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	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	mg/L	mg/L	mg/L
MW-19	08/19/13	2.01	NA	NA	NA	NA	NA	144.3	NA	NA	426	6.49	21.95	NA	NA	NA
MW-21	08/20/13	1.02	NA	NA	NA	<0.005	NA	-183.2	NA	NA	447	6.82	21.32	1.25	<0.005	<0.005
	12/16/13	1.78	NA	NA	NA	<0.005	NA	13.1	NA	NA	411	6.85	19.63	NA	<0.005	<0.005
MW-22S	08/21/13	0.39	NA	NA	NA	3.61	NA	-57.1	NA	NA	568	6.56	22.78	4.48	0.160	0.0158
	12/17/13	1.03	NA	NA	NA	2.65	NA	-40.5	NA	NA	302	6.35	15.02	NA	0.293	0.129
MW-22I	08/21/13	1.91	NA	NA	NA	0.0318	NA	28.5	NA	NA	218	6.66	22.91	1.72	0.0163	0.0192
	12/16/13	2.37	NA	NA	NA	0.0295	NA	18.2	NA	NA	169	6.87	18.49	NA	0.00965	0.00937
MW-23S	08/19/13	7.40	NA	NA	NA	0.0196	NA	184.4	NA	NA	65	5.87	20.89	1.89	<0.005	<0.005
	12/17/13	1.41	NA	NA	NA	0.0898	NA	106.8	NA	NA	60	5.77	19.14	NA	<0.005	<0.005
MW-23I	08/19/13	8.13	NA	NA	NA	<0.005	NA	188.5	NA	NA	75	6.31	21.69	1.01	<0.005	<0.005
	12/17/13	7.01	NA	NA	NA	<0.005	NA	127.4	NA	NA	54	5.81	17.69	NA	<0.005	<0.005

Table 12(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 12(1)**

DSCA ID No.: 32-0013

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-1R	08/05/11	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	05/17/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-1I	08/05/11	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	05/17/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-2R	05/17/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
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						
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						
MW-4R	05/17/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/20/13	0.814	NA	NA	NA	NA	NA	NA	NA	NA						
	12/17/13	NA	<0.0100	0.150	<0.00100	0.00540	<0.00500	<0.00500	<0.0100	<0.000200						
MW-4I	05/17/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/20/13	1.16	NA	NA	NA	NA	NA	NA	NA	NA						
	12/17/13	NA	<0.0100	0.0281	<0.00100	<0.00500	<0.00500	0.00720	<0.0100	<0.000200						
MW-5R	05/18/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/05/11	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-5D	05/18/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/05/11	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-6	08/19/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-7	08/22/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-8	08/21/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-9	08/22/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						

Table 12(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 12(1)**

DSCA ID No.: 32-0013

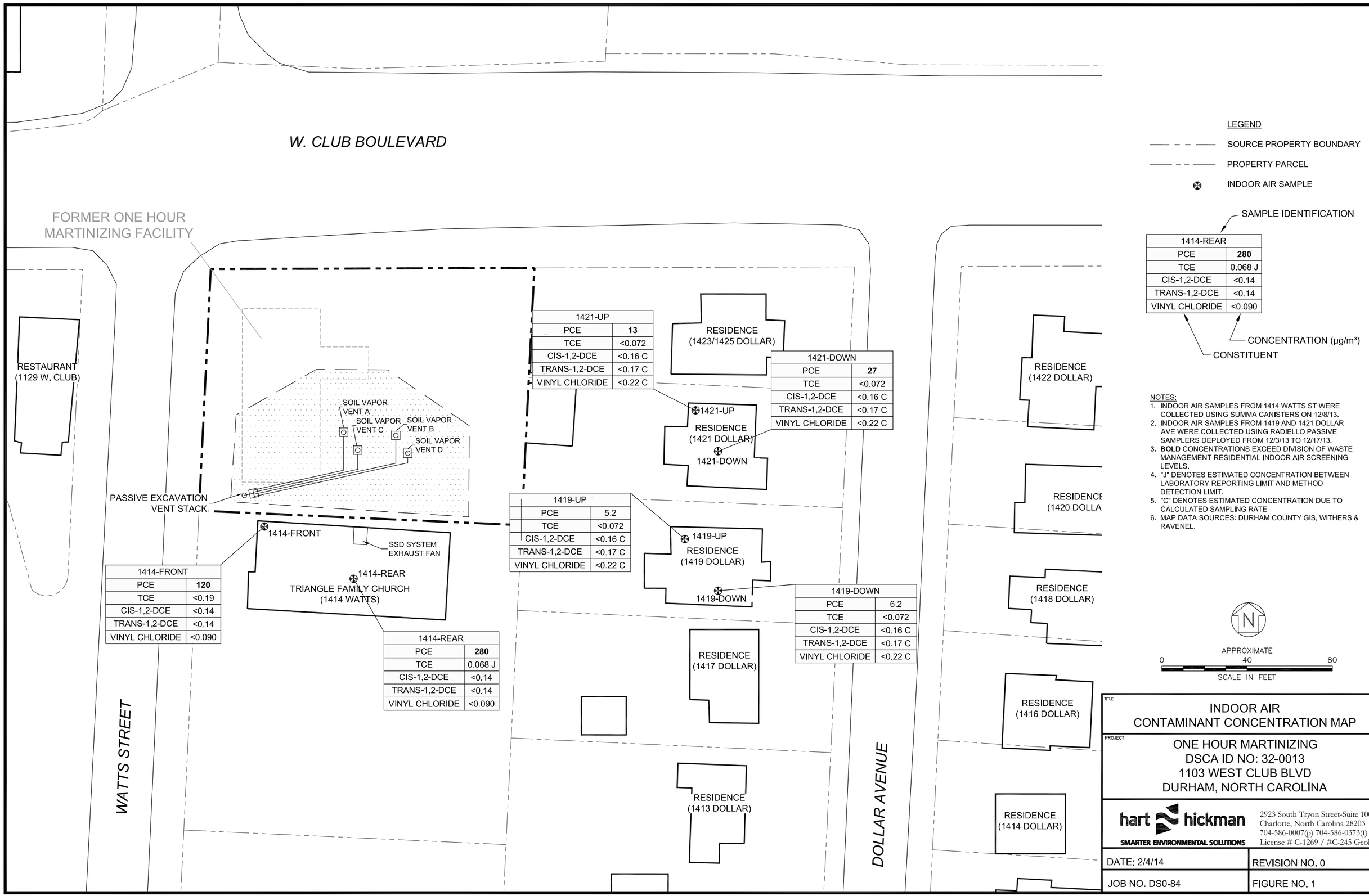
Sample ID	Sampling Date (mm/dd/yy)	Total Iron	Arsenic	Barium	Cadmium	Chromium	Silver	Lead	Selenium	Mercury						
	Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L						
MW-10	05/17/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/21/13	9.18	NA	NA	NA	NA	NA	NA	NA	NA						
	12/16/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-11	08/20/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-12	08/20/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-13	08/20/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
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						
MW-14I	05/18/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/22/13	1.23	NA	NA	NA	NA	NA	NA	NA	NA						
	12/19/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-15S	08/19/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	12/20/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-15I	08/19/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	12/17/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
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						
MW-16I	05/18/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/21/13	0.811	NA	NA	NA	NA	NA	NA	NA	NA						
	12/19/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-17S	08/21/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-17I	08/21/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-18	05/18/12	NA	NA	NA	NA	NA	NA	NA	NA	NA						
	08/19/13	13.1	NA	NA	NA	NA	NA	NA	NA	NA						
	12/17/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						

Table 12(1): Analytical Data for Natural Attenuation Parameters (User Specified Parameters) **ADT 12(1)**

DSCA ID No.: 32-0013

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-19	08/19/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-21	08/20/13	4.44	NA	NA	NA	NA	NA	NA	NA	NA						
	08/20/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-22S	08/21/13	9.17	NA	NA	NA	NA	NA	NA	NA	NA						
	12/17/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-22I	08/21/13	0.245	NA	NA	NA	NA	NA	NA	NA	NA						
	12/16/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-23S	08/19/13	2.05	NA	NA	NA	NA	NA	NA	NA	NA						
	12/17/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						
MW-23I	08/19/13	26.0	NA	NA	NA	NA	NA	NA	NA	NA						
	12/17/13	NA	NA	NA	NA	NA	NA	NA	NA	NA						

FIGURES



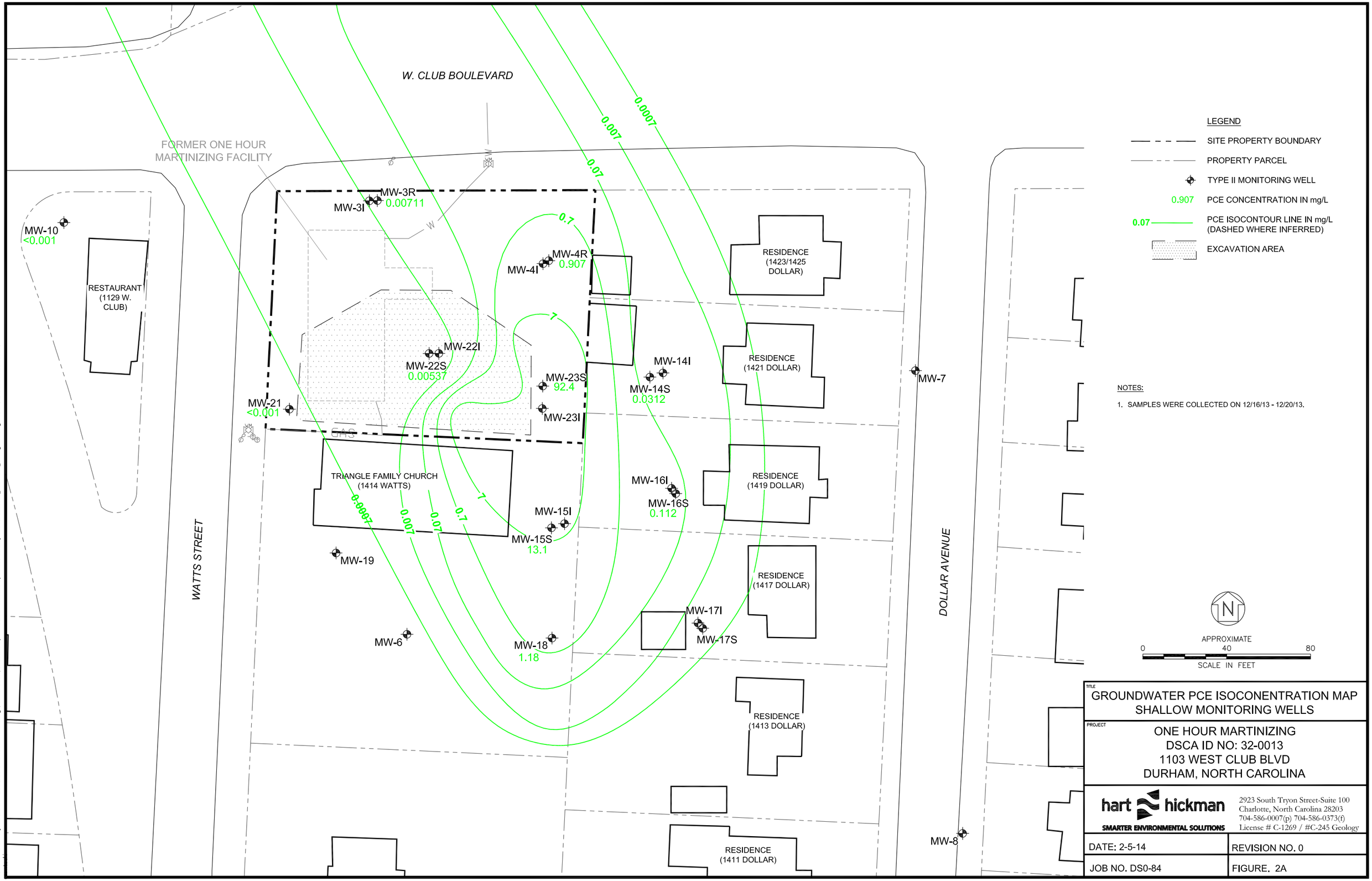
TITLE
INDOOR AIR CONTAMINANT CONCENTRATION MAP

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: 2/4/14 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 1



TITLE
GROUNDWATER PCE ISOCONENTRATION MAP
SHALLOW MONITORING WELLS

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: 2-5-14	REVISION NO. 0
JOB NO. DS0-84	FIGURE. 2A

S:\AAA-Master Projects\DSCA - DS0\DS0-84 One Hr Martinizing (former BB&T)\Website Updates\2014 Website Updates\February 2014\DC320013_20140205_GWFigures.dwg, FIG 3A, 2/6/2014 7:51:36 AM.

W. CLUB BOULEVARD

FORMER ONE HOUR
MARTINIZING FACILITY

MW-10

RESTAURANT
(1129 W.
CLUB)

MW-3R
MW-3I
0.275

MW-4R
MW-4I
0.0271

MW-22I
70.7
MW-22S

MW-23S
MW-23I
0.659

MW-21

MW-14I
0.00133
MW-14S

MW-7

RESIDENCE
(1423/1425
DOLLAR)

RESIDENCE
(1421 DOLLAR)

RESIDENCE
(1419 DOLLAR)

MW-16I
<0.001
MW-16S

MW-15I
0.00420
MW-15S

TRIANGLE FAMILY CHURCH
(1414 WATTS)

MW-19

MW-6

MW-18

MW-17I
MW-17S

RESIDENCE
(1417 DOLLAR)

RESIDENCE
(1413 DOLLAR)

RESIDENCE

MW-8

WATTS STREET

DOLLAR AVENUE

0.0007

0.007

0.07

0.7

7.0

LEGEND

- SITE PROPERTY BOUNDARY
- PROPERTY PARCEL
- TYPE II MONITORING WELL
- 0.659 PCE CONCENTRATION IN mg/L
- 0.07 PCE ISOCONTOUR LINE IN mg/L (DASHED WHERE INFERRED)
- EXCAVATION AREA

NOTES:
1. SAMPLES WERE COLLECTED 12/16/13 - 12/20/13.

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
GROUNDWATER PCE ISOCONENTRATION MAP
INTERMEDIATE MONITORING WELLS

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

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
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DATE: 2-5-14 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE. 2B

S:\AAA-Master Projects\DSCA - DS0\DS0-84 One Hr Martinizing (former BB&T)\Website Updates\2014 Website Updates\February 2014\DC320013_20140205_GWFigures.dwg, FIG 3B, 2/6/2014 7:52:43 AM,

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

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

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

SV-8I	
PCE	**36,000,000**

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

SV-50	
PCE	**2,400**

SV-50

SV-11

SV-14

SV-17

SV-16

SV-15

SV-42S

SV-43S

RESIDENCE (1423/1425 DOLLAR)

SV-19	
PCE	**9,500**

RESTAURANT (1129 W. CLUB)

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

SOIL VAPOR VENT A

SOIL VAPOR VENT C

SOIL VAPOR VENT B

SOIL VAPOR VENT D

SV-21S/D

SV-22

SV-22

SV-25S/D

SV-19

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

RESIDE (1422 DO

SV-20S/D

RESIDENCE (1421 DOLLAR)

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

SV-49S/D

PASSIVE EXCAVATION VENT STACK

SV-55S/I

SV-8S

SV-8I

SV-23

SV-31

SV-26S/D

RE (142

	SV-55S	SV-55I
PCE	**2,700,000**	**930,000**
TCE	<5,400	12

SSD SYSTEM EXHAUST FAN

TRIANGLE FAMILY CHURCH (1414 WATTS)

SV-29S/D

SV-18

RESIDENCE (1419 DOLLAR)

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

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

RESID (1418 DO

SV-27S/D

SV-28D

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

SV-30S

SV-33

SV-32

SV-36S

SV-35S

RESIDENCE (1417 DOLLAR)

SV-34S

RESIDEN (1416 DOLL

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

RESIDENCE (1413 DOLLAR)

RESIDENCE (1414 DOLLAR)

WATTS STREET

DOLLAR AVENUE

LEGEND

SOURCE PROPERTY BOUNDARY

PROPERTY PARCEL

SOIL GAS MONITORING POINT

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

SAMPLE IDENTIFICATION

CONCENTRATION (µg/m³)

CONSTITUENT

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

N

APPROXIMATE
0 40 80
SCALE IN FEET

TITLE
SOIL GAS
CONTAMINANT CONCENTRATION 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: 2/4/14 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 3

S:\AAA-Master Projects\DSCA - DS0\DS0-84 One Hr Martinizing (former BB&T)\Website Updates\2014 Website Updates\February 2014\DC320013_20140204_Figures.dwg, Fig 2 Soil Gas, 2/6/2014 7:53:51 AM,

W. CLUB BOULEVARD

FORMER ONE HOUR MARTINIZING FACILITY

RESTAURANT (1129 W. CLUB)

PASSIVE EXCAVATION VENT STACK	
11/27/12	12.5%
1/8/13	11.0%
2/7/13	17.3%
3/8/13	16.4%
4/8/13	12.6%
5/8/13	15.0%
6/13/13	14.9%
7/8/13	14.5%
8/14/13	15.2%
9/11/13	15.7%
10/9/13	13.8%
11/13/13	12.9%
12/19/13	10.9%
01/08/14	8.7%
02/03/14	0.2%

PASSIVE EXCAVATION VENT STACK

SV-11

SV-14

SV-17

METHANE WAS DETECTED AT A CONCENTRATION OF 0.1% IN AMBIENT AIR AT GROUND LEVEL AT THE SUBJECT SITE IN FEBRUARY 2014

SV-16

SOIL VAPOR VENT A

SOIL VAPOR VENT C

SOIL VAPOR VENT B

SOIL VAPOR VENT D

SV-15

SV-55S/I

SV-8S/I

	SV-8S	SV-8I
11/27/12	0.1%	0.0%
1/8/13	0.8%	1.3%
2/7/13	0.1%	0.2%
3/8/13	0.0%	0.1%
4/8/13	0.0%	0.2%
5/8/13	0.0%	0.2%
6/13/13	0.0%	0.2%
7/8/13	0.0%	0.2%
8/14/13	0.1%	0.3%
9/11/13	0.2%	0.2%
10/9/13	0.3%	0.5%
11/13/13	0.2%	0.3%
12/19/13	0.2%	0.4%
01/08/14	0.2%	0.2%
02/03/14	0.1%	NM

SV-42S

SV-43S

RESIDENCE (1423/1425 DOLLAR)

SV-21S/D

SV-22

SV-22

SV-25S

SV-19

RESIDENCE (1421 DOLLAR)

SV-20S/D

SV-23

SV-31

SV-26S/D

SV-19	
11/27/12	0.0%
1/8/13	0.6%
2/7/13	0.0%
3/8/13	0.0%
4/8/13	0.0%
5/8/13	0.0%
6/13/13	0.0%
8/15/13	0.0%
9/11/13	0.0%
10/9/13	0.0%
11/13/13	0.0%
12/19/13	0.0%
01/08/14	0.0%
02/03/14	0.2%

	SV-20S	SV-20D
11/27/12	0.0%	0.4%
1/8/13	1.3%	0.1%
2/7/13	0.1%	0.0%
3/8/13	0.0%	0.0%
4/8/13	0.0%	0.0%
5/8/13	0.0%	0.0%
6/13/13	0.0%	0.0%
8/15/13	0.0%	0.0%
9/11/13	0.1%	0.1%
10/9/13	0.1%	0.1%
11/13/13	0.0%	0.0%
12/19/13	0.0%	0.0%
01/08/14	0.0%	0.0%
02/03/14	0.2%	0.2%

RESIDENCE (1422 DOLLAR)

RESIDENCE (1420 DOLLAR)

RESIDENCE (1418 DOLLAR)

SSD SYSTEM EXHAUST FAN

TRIANGLE FAMILY CHURCH (1414 WATTS)

SV-27S/D

SV-28D

METHANE WAS NOT DETECTED IN INDOOR AIR IN DECEMBER 2013. THE CHURCH COULD NOT BE ACCESSED IN JANUARY OR FEBRUARY 2014.

	SV-55S	SV-55I
11/27/12	0.2%	4.1%
1/8/13	4.1%	3.6%
2/7/13	2.1%	1.4%
3/8/13	1.8%	1.6%
4/8/13	1.4%	NM
5/8/13	1.1%	1.6%
6/13/13	0.8%	1.5%
7/8/13	0.7%	1.5%
8/14/13	0.2%	0.3%
9/11/13	0.9%	0.3%
10/9/13	0.8%	0.1%
11/13/13	0.4%	0.2%
12/19/13	0.6%	0.4%
01/08/14	0.6%	0.7%
02/03/14	0.4%	NM

SSD SYSTEM EXHAUST FAN	
11/27/12	0.1%
1/8/13	1.0%
2/7/13	0.2%
3/8/13	0.0%
4/8/13	0.0%
5/8/13	0.0%
6/13/13	0.0%
7/8/13	0.0%
8/14/13	0.1%
9/11/13	0.1%
10/9/13	0.1%
11/13/13	0.0%
12/19/13	0.0%
01/08/14	NM
02/03/14	NM

SV-29S

SV-18

RESIDENCE (1419 DOLLAR)

SV-30S

SV-33

SV-32

SV-36S

SV-35S

RESIDENCE (1417 DOLLAR)

SV-34S

SV-29S	
11/27/12	0.0%
1/8/13	0.3%
2/7/13	0.1%
3/8/13	0.0%
4/8/13	0.0%
5/8/13	0.0%
6/13/13	0.0%
8/14/13	0.1%
9/11/13	0.1%
10/9/13	0.0%
11/13/13	0.0%
12/19/13	0.0%
01/08/14	0.0%
02/03/14	0.2%

RESIDENCE (1413 DOLLAR)

SV-18	
11/27/12	0.0%
1/8/13	0.4%
2/7/13	0.0%
3/8/13	0.0%
4/8/13	0.0%
5/8/13	0.0%
6/13/13	0.0%
8/14/13	0.1%
9/11/13	0.1%
10/9/13	0.0%
11/13/13	0.0%
12/19/13	0.0%
01/08/14	0.0%
02/03/14	0.2%

RESIDENCE (1416 DOLLAR)

RESIDENCE (1414 DOLLAR)

WATTS ST

DOLLAR A

LEGEND

SOURCE PROPERTY BOUNDARY

PROPERTY PARCEL

SOIL GAS MONITORING POINT

SV-19	
11/27/12	0.0%
1/8/13	0.6%
2/7/13	0.0%
3/8/13	0.0%
4/8/13	0.0%
5/8/13	0.0%
6/13/13	0.0%
8/15/13	0.0%
9/11/13	0.0%
10/9/13	0.0%
11/13/13	0.0%
12/19/13	0.0%
01/08/14	0.0%
02/03/14	0.2%

SAMPLE IDENTIFICATION

METHANE % BY VOLUME

SAMPLE DATE

NOTES:
1. DATA SOURCES: DURHAM COUNTY GIS, WITHERS & RAVENEL.
2. METHANE FIELD READINGS WERE MEASURED USING A GEM 2000 MULTI-GAS METER
3. NM = NOT MEASURED

N

APPROXIMATE

0 40 80

SCALE IN FEET

TITLE

METHANE FIELD MEASUREMENTS
FEBRUARY 2014

PROJECT

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

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

DATE: 2/4/14 | REVISION NO. 0

JOB NO. DS0-84 | FIGURE NO. 4

S:\AAA-Master Projects\DSCA - DS0\DS0-84 One Hr Martinizing (former B&T)\Website Updates\2014 Website Updates\February 2014\DC320013_20140204_Methane.dwg, Fig 3 Methane, 2/6/2014 7:20:20 AM,

ATTACHMENT A

PROJECT CALENDAR

~ January 2014 ~

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

~ February 2014 ~

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

~ March 2014 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave

3-Hour Summa Canister Indoor Air Sampling at 1414 Watts St

24-Hour Summa Canister Indoor Air Sampling at 1419 & 1421 Dollar Ave

Methane Field Screening

14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave

Post–Injection Groundwater and Soil Vapor Sampling

14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave

14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave

Note: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.

~ April 2014 ~

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

3-Hour Summa Canister Indoor Air Sampling at 1414 Watts St

24-Hour Summa Canister Indoor Air Sampling at 1419 & 1421 Dollar Ave

Methane Field Screening

14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave

Post–Injection Groundwater and Soil Vapor Sampling

14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave

14-Day Radiello Indoor Air Sampling at 1419 & 1421 Dollar Ave

Note: Schedule tentative and subject to change. Please check http://portal.ncdenr.org/web/wm/dsca/bbt_updates regularly for any changes in the schedule.

ATTACHMENT B

INDOOR AIR RISK CALCULATORS

Calculated Cumulative Indoor Air Risks (December 2013)
Triangle Family Church, 1414 Watts Street, Durham, NC
One Hour Martinizing Site, DSCA ID 32-0013
H&H Job No. DS0-84

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

Cumulative Carcinogenic Risk								
Unit	**Compound**	**Exposure Conc. ug/m³**	**IUR (ug/m³)⁻¹**	**AT days**	**EF days/yr**	**ED years**	**ET hr/day**	**LICR**
1414-Front	Tetrachloroethene	120	2.60E-07	25550	208	30	1.500	0.00000048
	Trichloroethene		4.10E-06	25550	208	30	1.500	0.00000000
							Total	**4.8E-07**
1414-Rear	Tetrachloroethene	280	2.60E-07	25550	208	30	1.500	0.00000111
	Trichloroethene	0.068	4.10E-06	25550	208	30	1.500	0.00000000
							Total	**1.1E-06**

Cumulative Non-Carcinogenic Risk								
Unit	**Compound**	**Exposure Conc. ug/m³**	**Rfc mg/m³**	**AT days**	**EF days/yr**	**ED years**	**ET hr/day**	**Hazard Index**
1414-Front	Tetrachloroethene	120	4.00E-02	10950	208	30	1.5	0.10684932
	Trichloroethene		2.00E-03	10950	208	30	1.5	0.00000000
							Total	**0.11**
1414-Rear	Tetrachloroethene	280	4.00E-02	10950	208	30	1.5	0.24931507
	Trichloroethene	0.068	2.00E-03	10950	208	30	1.5	0.00121096
							Total	**0.25**

Notes:
IUR and Rfc concentrations from EPA Regional Screening Level (RSL) Residential Air Table May 2013.
LICR = Lifetime Incremental Cancer Risk
AT = Averaging Time
IUR = Inhalation Unit Rate
Rfc = Reference Concentration
EF = Exposure Frequency
ED = Exposure Duration
ET = Exposure Time

DSCA Indoor Air Risk Calculator - Table 1: Cumulative Risk for Resident

DSCA ID No: 32-0013 **Name/Address of DSCA Site:** One Hour Martinizing, 1103 West Club Blvd, Durham, NC 27701

Name/Address of Sampling Location: First Floor, Drey Residence, 1419 Dollar Ave, Durham, NC 27701 **Sampling Date:** 12/17/2013 **Sample ID:** 1419-UP

Cumulative Risk Calculation for Indoor Air Pathway (Residential)														
	Tetrachloroethene	Trichloroethylene	Vinyl Chloride	Benzene	Ethylbenzene	Naphthalene	MTBE	1,2-Dichlorethane						
Maximum Concentration Detected (µg/m^3)	5.2													
EPA Regional Screening Level (RSL) for Residential Air (carcinogenic target risk = 1E-06) µg/m^3	9.36	0.43	0.16	0.31	0.97	0.072	9.4	0.094						
Ratio = Max Concentration ÷ EPA RSL	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

CUMULATIVE RISK (sum of ratios x 10^{-6})	**5.56E-07**

Cumulative Hazard Index (HI) Calculation for Indoor Air Pathway (Residential)														
	Tetrachloroethene	Trichloroethylene	Vinyl Chloride	trans - 1,2 -DCE	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene	MTBE	1,2-Dichloroethane			
Maximum Concentration Detected	5.2													
EPA Regional Screening Level (RSL) for Residential Air [noncancer Hazard Index (HI)=1] µg/m3	41.7	2.1	100	63	31	5200	1000	100	3.1	3100	7.3			
Ratio = Max Concentration ÷ EPA RSL	0.1247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			

CUMULATIVE HI (sum of ratios)	**0.12**

Notes:

1. RSLs available at: **http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm**
2. Trans-1,2-DCE, toluene and xylenes were not included in the cumulative risk calculation since they currently have no carcinogenic EPA RSLs.
3. Cis-1,2-DCE was not included in cumulative risk or HI calculation since there are currently no EPA RSLs.
4. Note that EPA RSL for PCE was recalculated by the DSCA Program based on the 2/10/2012 toxicity data issued under IRIS.

DSCA Indoor Air Risk Calculator - Table 1: Cumulative Risk for Resident

DSCA ID No: 32-0013 **Name/Address of DSCA Site:** One Hour Martinizing, 1103 West Club Blvd, Durham, NC 27701

Name/Address of Sampling Location: First Floor, Gilligan Residence, 1421 Dollar Ave, Durham, NC 27701 **Sampling Date:** 12/17/2013 **Sample ID:** 1421-UP

Cumulative Risk Calculation for Indoor Air Pathway (Residential)														
	Tetrachloroethene	Trichloroethylene	Vinyl Chloride	Benzene	Ethylbenzene	Naphthalene	MTBE	1,2-Dichlorethane						
Maximum Concentration Detected (µg/m^3)	13													
EPA Regional Screening Level (RSL) for Residential Air (carcinogenic target risk = 1E-06) µg/m^3	9.36	0.43	0.16	0.31	0.97	0.072	9.4	0.094						
Ratio = Max Concentration ÷ EPA RSL	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

CUMULATIVE RISK (sum of ratios x 10^{-6})	**1.39E-06**

Cumulative Hazard Index (HI) Calculation for Indoor Air Pathway (Residential)														
	Tetrachloroethene	Trichloroethylene	Vinyl Chloride	trans - 1,2 -DCE	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene	MTBE	1,2-Dichloroethane			
Maximum Concentration Detected	13													
EPA Regional Screening Level (RSL) for Residential Air [noncancer Hazard Index (HI)=1] µg/m3	41.7	2.1	100	63	31	5200	1000	100	3.1	3100	7.3			
Ratio = Max Concentration ÷ EPA RSL	0.3118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			

CUMULATIVE HI (sum of ratios)	**0.31**

Notes:

1. RSLs available at: **http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm**
2. Trans-1,2-DCE, toluene and xylenes were not included in the cumulative risk calculation since they currently have no carcinogenic EPA RSLs.
3. Cis-1,2-DCE was not included in cumulative risk or HI calculation since there are currently no EPA RSLs.
4. Note that EPA RSL for PCE was recalculated by the DSCA Program based on the 2/10/2012 toxicity data issued under IRIS.

DSCA Indoor Air Risk Calculator - Table 1: Cumulative Risk for Resident

DSCA ID No: 32-0013 **Name/Address of DSCA Site:** One Hour Martinizing, 1103 West Club Blvd, Durham, NC 27701

Name/Address of Sampling Location: Basement, Gilligan Residence, 1421 Dollar Ave, Durham, NC 27701 **Sampling Date:** 12/17/2013 **Sample ID:** 1421-DOWN

Cumulative Risk Calculation for Indoor Air Pathway (Residential)														
	Tetrachloroethene	Trichloroethylene	Vinyl Chloride	Benzene	Ethylbenzene	Naphthalene	MTBE	1,2-Dichlorethane						
Maximum Concentration Detected (µg/m^3)	27													
EPA Regional Screening Level (RSL) for Residential Air (carcinogenic target risk = 1E-06) µg/m^3	9.36	0.43	0.16	0.31	0.97	0.072	9.4	0.094						
Ratio = Max Concentration ÷ EPA RSL	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

CUMULATIVE RISK (sum of ratios x 10^{-6})	**2.88E-06**

Cumulative Hazard Index (HI) Calculation for Indoor Air Pathway (Residential)														
	Tetrachloroethene	Trichloroethylene	Vinyl Chloride	trans - 1,2 -DCE	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene	MTBE	1,2-Dichloroethane			
Maximum Concentration Detected	27													
EPA Regional Screening Level (RSL) for Residential Air [noncancer Hazard Index (HI)=1] µg/m3	41.7	2.1	100	63	31	5200	1000	100	3.1	3100	7.3			
Ratio = Max Concentration ÷ EPA RSL	0.6475	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			

CUMULATIVE HI (sum of ratios)	**0.65**

Notes:

1. RSLs available at: **http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm**
2. Trans-1,2-DCE, toluene and xylenes were not included in the cumulative risk calculation since they currently have no carcinogenic EPA RSLs.
3. Cis-1,2-DCE was not included in cumulative risk or HI calculation since there are currently no EPA RSLs.
4. Note that EPA RSL for PCE was recalculated by the DSCA Program based on the 2/10/2012 toxicity data issued under IRIS.

DSCA Indoor Air Risk Calculator - Table 1: Cumulative Risk for Resident

DSCA ID No: 32-0013 **Name/Address of DSCA Site:** One Hour Martinizing, 1103 West Club Blvd, Durham, NC 27701

Name/Address of Sampling Location: Basement, Drey Residence, 1419 Dollar Ave, Durham, NC 27701 **Sampling Date:** 12/17/2013 **Sample ID:** 1419-DOWN

Cumulative Risk Calculation for Indoor Air Pathway (Residential)														
	Tetrachloroethene	Trichloroethylene	Vinyl Chloride	Benzene	Ethylbenzene	Naphthalene	MTBE	1,2-Dichlorethane						
Maximum Concentration Detected (µg/m^3)	6.2													
EPA Regional Screening Level (RSL) for Residential Air (carcinogenic target risk = 1E-06) µg/m^3	9.36	0.43	0.16	0.31	0.97	0.072	9.4	0.094						
Ratio = Max Concentration ÷ EPA RSL	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

CUMULATIVE RISK (sum of ratios x 10^{-6})	**6.62E-07**

Cumulative Hazard Index (HI) Calculation for Indoor Air Pathway (Residential)														
	Tetrachloroethene	Trichloroethylene	Vinyl Chloride	trans - 1,2 -DCE	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene	MTBE	1,2-Dichloroethane			
Maximum Concentration Detected	6.2													
EPA Regional Screening Level (RSL) for Residential Air [noncancer Hazard Index (HI)=1] µg/m3	41.7	2.1	100	63	31	5200	1000	100	3.1	3100	7.3			
Ratio = Max Concentration ÷ EPA RSL	0.1487	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			

CUMULATIVE HI (sum of ratios)	**0.15**

Notes:

1. RSLs available at: **http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm**
2. Trans-1,2-DCE, toluene and xylenes were not included in the cumulative risk calculation since they currently have no carcinogenic EPA RSLs.
3. Cis-1,2-DCE was not included in cumulative risk or HI calculation since there are currently no EPA RSLs.
4. Note that EPA RSL for PCE was recalculated by the DSCA Program based on the 2/10/2012 toxicity data issued under IRIS.