Georgia Environmental Protection Division
Land Protection Branch
Response and Remediation Program
Response Development Units 1 – 3

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Name of Document:	Ninth Semiannual Progress Report
Date of Document:	May 1, 2017
Site Name:	Welcome Years
Site ID Number:	10637

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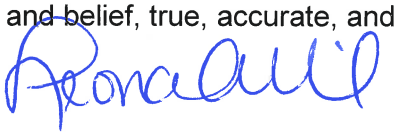
Signature: 

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Receipt Date
(for EPD use only)

Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services

May 1, 2017

Mr. Jason Metzger
Program Manager
Response and Remediation Program
Georgia Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Dr SE, Suite 1054 East
Atlanta, Georgia 30334

Re: Ninth Semiannual Progress Report
Welcome Years, Inc., HSI Site No. 10637
Properties of VLP2, LLC
1115 Howell Mill Rd, 673 Ethel St, 720 Fourteenth St, and "0" Fourteenth St
Atlanta, Fulton County, Georgia 30318
Tax Parcels: 17-0150-0009-064-9, 17-0150-0009-076-3, 17-0150-0009-062-3, and 17-0150-0009-061-5
AEM Project No. 1396-1601-4

Dear Mr. Metzger:

On behalf of VLP2, LLC, Atlanta Environmental Management, Inc. (AEM) is providing this *Ninth Semiannual Progress Report* regarding activities for the Welcome Years, Inc., Voluntary Remediation Program (VRP)/HSI Site No. 10637 (see Figure 1). The Voluntary Investigation and Remediation Plan (VIRP) was approved by the Georgia Environmental Protection Division (EPD) on November 2, 2012. A summary of the activities completed between November 3, 2016, and April 30, 2017, is provided below.

1.0 ANNUAL GROUNDWATER MONITORING EVENT

1.1 Depth-to-Groundwater Measurements

Depth-to-groundwater measurements were collected from 37 monitoring wells on December 7, 2016 (see Table 1). Monitoring well locations are depicted in Figure 2. The groundwater measurements were taken using a Solinst® (Model 101) electronic water level meter in accordance with U.S. EPA SESD Field Branch Quality System and Technical Procedure SESDPROC-105-R2 (*Groundwater Level and Well Depth Measurement*) dated January 29, 2013. AEM personnel collected water level measurements by recording the depth to groundwater below the marked (surveyed) top of the polyvinyl chloride (PVC) well casing (TOC) for each well. Measurements were recorded in order of least impacted to most impacted groundwater within the wells. All measurements, including well depths, were recorded in field sheets as well as in bound field notebooks.

1.2 Groundwater Elevation and Flow Direction

Groundwater elevations were calculated by subtracting the depth-to-water measurements from the top of casing (toc) measuring point surveyed elevations. Groundwater elevation data are summarized in Table 1. Monitoring well construction and TOC elevation data are provided in Table 2. The water level elevation data summarized in Table 1 were used to prepare a water table contour diagram for the residuum water-bearing zone (see Figure 3). The groundwater flow paths in Figure 3 indicate a flow direction toward the east-northeast. This groundwater flow direction is consistent with historical measurements recorded between 2006 and 2015 from across the property and at surrounding properties.

1.3 Groundwater Sampling Event

From December 5 through December 9, 2016, AEM collected groundwater samples from 34 monitoring wells. Groundwater samples were collected in accordance with U.S. EPA SESD Field Branch Quality System and Technical Procedure SESDPROC-301-R3 (*Groundwater Sampling*) dated March 6, 2013.

An attempt to collect a groundwater sample from monitoring wells MW-15, -27, -28, and -39 was made in December 2016; however, these monitoring wells were dry. Monitoring wells MW-36 and MW-37 located on the Krystal's property could not be sampled as access was denied. The inability to sample these monitoring wells does not impact the ability to evaluate the plume migration, as monitoring well MW-34D is located farther downgradient. Additionally, although monitoring well MW-35 had been destroyed by redevelopment activities since the 2015 sampling event, historic laboratory analytical results show that VOCs have never been detected in groundwater at this monitoring well.

Temperature, pH, turbidity, and conductivity were measured at each sampled well during monitoring well purging activities and immediately prior to the collection of groundwater samples. These parameters were recorded on groundwater sampling field logs for each well (see Attachment A). The field logs record the sampling personnel, time and date of sample collection, well depth, purge volume, and purge method.

The groundwater and quality control (trip blank and duplicate) samples were delivered to Analytical Environmental Services, Atlanta, Georgia, for analysis of the SW846 Method 8260 list of volatile organic compounds (VOCs). Additionally, as requested by EPD in the November 2, 2012, VRP Comment Letter, select groundwater samples (MW-9, -11, -12, -13, and -29), as well as duplicate sample MW-11 (Dup), were also analyzed for the metal analytes total lead and total chromium using SW846 Method 6010C. The laboratory analytical data reports for the groundwater samples collected in December 2016 are included in Attachment B.

Table 3 presents a summary of all VOCs detected in groundwater and Table 4 presents a summary of the metals detected in groundwater for the December 2016 sampling event. Historical summaries of the VOC and metals laboratory data, from 2006 to 2015, are provided in Attachments C and D, respectively.

1.3.1 VOCs

Both chlorinated VOCs and petroleum hydrocarbons were detected in groundwater. As summarized in Table 3, tetrachloroethylene (PCE) was the primary chlorinated VOC reported in the groundwater plume. Additional chlorinated VOCs detected (although less frequently reported and at significantly lower concentrations) included the degradation products trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and 1,1-dichloroethene (1,1-DCE). The lateral extent of PCE in groundwater in the residuum and in the bedrock is shown in Figures 4 and 5, respectively. The dissolved-phase VOC plume follows the groundwater flow direction and extends from the subject property to the downgradient properties.

Additional chlorinated VOCs emanating from an off-site source area include 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), and chloroethane. The highest 1,1,1-TCA levels have historically been detected at the adjacent City of Atlanta water works facility at residuum monitoring well MW-39 (see Attachment C); however, this well was dry during the 2016 groundwater monitoring event. The highest concentrations of 1,1,1-TCA and 1,1-DCA during the 2016 event was detected in groundwater in on-site deep bedrock monitoring well MW-44D.

The VOCs, petroleum hydrocarbons, and metals detected in groundwater in 2016 are discussed below. Unless otherwise indicated, the Type I Risk Reduction Standards (RRS) equal federal drinking water maximum contaminate levels (MCLs) for the chlorinated VOC detected.

PCE

PCE was the predominant constituent detected above its MCL (5 µg/L) during the 2016 sampling event, with the highest detection of PCE concentrations on the Welcome Years site within groundwater at residuum monitoring well MW-32 (260 µg/L) located on the Howell Mill parcel. PCE was not detected in groundwater at the Ethel Street parcel of the Welcome Years VRP Site.

PCE concentrations within the plume decreased farther downgradient (east-northeast) toward the intersection of Fourteenth Street and Northside Drive. The highest concentration of PCE in groundwater off site centered around Fourteenth Street (see Figure 4) within shallow bedrock well MW-28D (at 370 µg/L) located on the City of Atlanta property.

Lower concentrations of PCE were also detected in groundwater within off-site monitoring well MW-42 located at the White Provisions property upgradient of the Howell Mill parcel (see Figure 5).

TCE, cis-1,2-DCE, and Vinyl Chloride

Where detected, TCE concentrations did not exceed the MCL of 5 µg/L (see Table 3). The highest concentrations of TCE on the Welcome Years site were detected in groundwater at residuum monitoring well MW-4 (4.5 µg/L) and at bedrock monitoring well MW-14D (3.2 µg/L). Cis-1,2-DCE was only detected in two residuum groundwater monitoring wells (MW-4 and MW-17) on the Welcome Years site, at concentrations up to 3.6 µg/L, which is below the MCL of 70 µg/L.

The highest TCE concentration in groundwater downgradient of the Welcome Years site was at residuum monitoring well MW-38 (3.4 µg/L) located on the Progressive Lighting property. The highest cis-1,2-DCE concentration was reported in residuum monitoring well MW-29 (6.0 µg/L) located on the City of Atlanta property (see Table 3). Neither of the detections of TCE and cis-1,2-DCE in groundwater at off-site monitoring wells exceeded their respective MCLs.

Vinyl chloride was not detected in groundwater during the 2016 event (see Table 3).

Based on the concentrations of degradation products detected, it appears that minimal PCE degradation is occurring within the residuum water-bearing zone.

1,1,1-TCA, 1,1-DCA, chloroethane, and 1,1-DCE

In addition to PCE, four other chlorinated VOCs (1,1,1-TCA, 1,1-DCA, chloroethane, and 1,1-DCE) were detected in groundwater. These constituents were detected in groundwater on the Howell Mill parcel of the Welcome Years site at monitoring well MW-44D (see Table 3). The highest 1,1,1-TCA concentration was reported in groundwater at deep bedrock monitoring well MW-44D, which is screened at 200 feet bls, on the Howell Mill parcel, at a concentration of 780 µg/L during the 2016 sampling event (see Figure 6). The source of the 1,1,1-TCA plume is unknown. Note that, historically, 1,1,1-TCA has not been detected within the on-site residuum or shallower bedrock wells (see Attachment C). Thus, it is AEM's opinion that the concentrations detected do not emanate from an on-site source but rather from an off-site deep bedrock source.

Historically, the highest concentrations of 1,1,1,-TCA, 1,1-DCA, and 1,1-DCE were reported in groundwater at off-site monitoring well MW-39, located on the City of Atlanta property (see Attachment C). During the 2016 sampling event, monitoring well MW-39 was dry.

Miscellaneous VOCs

Trace levels of chloroform (a trihalomethane) were detected in the groundwater samples from monitoring wells MW-9, -21, -31, -38, -42, -43, and -44D (see Table 3). Chloroform detected in the groundwater is common and is often associated with leaking water-lines. The City of Atlanta disinfects (chlorinates) its potable water supply and chloroform is a byproduct of the chlorination process. Low levels of chloroform have been historically reported in monitoring wells at the study area (see Attachment C).

A single sample from monitoring well MW-38 (Progressive Lighting site) contained 1,1,2-trichloro-1,2,2-trifluoroethane (i.e., Freon-113) at 45 µg/L. This detection was less than the Type I RRS (1,000 µg/L).

A single sample from monitoring well MW-29 (City of Atlanta site) contained cyclohexane at a concentration of 6.3 µg/L. This detection exceeds the Type I RRS, which is the laboratory detection limit.

Methyl tert butyl ether (MTBE) was detected in two on-site residuum wells, MW-1 (1.4 µg/L) and MW-7 (1.7 µg/L) (see Table 3). Risk-based regulatory levels have not been established for MTBE.

Aromatic Hydrocarbons

Petroleum-related aromatic hydrocarbons have also been detected in select groundwater samples (see Table 3). Historically, trace levels of xylenes (m, p, and o), naphthalene, and isopropylbenzene were detected on the Howell Mill parcel in the groundwater sample from monitoring well MW-10, located near the former UST (see Attachment C). However, aromatic hydrocarbons were not detected in groundwater from monitoring wells located downgradient of monitoring well MW-10 (e.g., MW-1, -3R, and -11) or in groundwater on the 14th Street parcels of the Welcome Years site. In December 2016, only naphthalene (110 µg/L) and isopropylbenzene (6.2 µg/L) were detected in groundwater from monitoring well MW-10 at concentrations exceeding the Type 1 RRS. Xylenes were also detected in groundwater at MW-10. These concentrations were below the Type 1 RRS.

Benzene (6.2 µg/L) and chlorobenzene (120 µg/L) were detected in groundwater in a single sample from monitoring well MW-17, located on the Ethel Street parcel of the Welcome Years site. These concentrations exceeded their applicable RRS. Neither benzene nor chlorobenzene was detected in any other samples from the Welcome Years site.

Benzene and ethylbenzene were also detected in off-site monitoring well MW-29. Only benzene exceeded the RRS in groundwater at this well. Additionally, the cycloalkane compound cyclohexane was detected in groundwater from monitoring well MW-29 at a concentration of 6.3 µg/L. The Type I RRS for this compound is the laboratory detection limit (i.e., 1.0 µg/L). This constituent has historically been reported in MW-29, but at higher concentrations (see Attachment C).

One or more of the following aromatic organic compounds were reported in residuum monitoring well MW-38 (Progressive Lighting facility) and downgradient shallow bedrock well MW-34D: chlorobenzene, 1,2-dichlorobenzene (1,2-DCB), 1,3-dichlorobenzene (1,3-DCB), 1,4-dichlorobenzene (1,4-DCB), 1,2,3-trichlorobenzene (1,2,3-TCB), and 1,2,4-trichlorobenzene (1,2,4-TCB).

Type I RRS exceedances were noted for chlorobenzene, 1,3-DCB, and 1,2,3-TCB in groundwater at monitoring well MW-38 and/or MW-34D (see Table 3). The Type I RRS for 1,3-DCB and 1,2,3-TCB is the laboratory detection limit (i.e., 1.0 µg/L). The detection levels of aromatic compounds are significantly lower at MW-34D. It should be noted that monitoring well MW-34D is located downgradient of an auto repair shop (Austrian Motors).

None of the cycloalkane or aromatic organic compounds detected in groundwater off site were identified in groundwater at the Welcome Years parcels. Thus, it is unlikely that the source of these constituents emanates from the Welcome Years property.

1.3.2 Metals

Historically, groundwater at the subject property has been analyzed for eight RCRA metals (arsenic, barium, cadmium, chromium, mercury, lead, silver, and selenium). Historical summaries of the data are provided in Attachment D. Type 1 RRS and MCL exceedances for lead (0.015 mg/L) and chromium (0.1 mg/L) were previously reported. The presence of total lead and other metals in historic groundwater samples is most likely the result of suspended particulate sediment in groundwater samples (elevated turbidity) and not the leaching of lead

from lead-contaminated black fill, as dissolved metal samples results typically were less than RRS and MCLs.

The December 2016 groundwater sampling event included the collection of groundwater samples for total chromium and lead. Groundwater samples were collected from monitoring wells MW-9, -11, -12, -13, and -29 and were analyzed for total lead and chromium (see Table 4). Chromium and lead were not detected in any of the groundwater samples analyzed.

1.3.3 Quality Control

The field and laboratory quality control (QC) sample analytical results are provided in Attachment B. The QC samples included trip blanks, duplicate samples, laboratory method blanks, method spike/method spike duplicates, and surrogates. Duplicate samples (DUP) from wells MW-3R, -7, and -11 contained no notable variations in VOC concentrations between the original and duplicate samples; they thereby confirm laboratory reproducibility.

The laboratory-supplied trip blanks, which accompanied the VOC samples, as well as the equipment rinsate blank contained no reportable quantities of VOCs. Thus, there is no indication of cross-contamination resulting from improper sample handling or decontamination procedures. Laboratory QC (matrix spike/matrix spike duplicate, surrogates) extract recoveries as well as QC method blanks were within acceptable control limits and thus were validated by the laboratory for QC and reporting purposes.

1.4 PCE Plume Delineation

The lateral extent of the PCE plume, exceeding the MCL of 5 µg/L, in the residuum water-bearing zone has been defined and is depicted in Figure 4. In general, the remaining VOCs reported in groundwater are situated within the PCE plume. Therefore, the depiction of the PCE plume in Figure 4 should suffice as a general representation of the total VOC plume. For this reason individual plume maps for each constituent detected were not produced, with the exception of 1,1,1-TCA.

Overall, a declining trend in PCE concentrations is apparent in the residuum aquifer. The reported source area well, MW-3R, has declined in concentration from 2,200 µg/L in 2006 to 130 µg/L in 2016. Also, residuum concentrations downgradient have declined from more than 1,000 µg/L to less than 500 µg/L since 2010.

The PCE plume extends downgradient to just west of Northside Drive, where it is defined by monitoring well MW-41, located at the southeast corner of the City of Atlanta property (see Figure 4). The sidegradient extent of the plume is further defined to the south by monitoring wells MW-15, -16, -17, and -26 and to the north by monitoring wells MW-2, -30, -39, and -41.

No residuum groundwater is evident in the vicinity of upgradient shallow bedrock wells MW-25D and MW-42, as the water table aquifer zone is truncated by shallow bedrock (see Figure 5). In the shallow bedrock, there appears to be an off-site source of PCE contamination impacting the Welcome Years plume. Monitoring well MW-25D, located in the southeast corner of the Howell Mill parcel, has increased in concentration from 39 µg/L in 2006 to a high of 979 µg/L in 2013. Concentrations then decreased to less than 5 µg/L and again increased to 290 µg/L in 2015, before decreasing to below the laboratory detection limit in 2016.

The vertical delineation well MW-44D, installed to a depth of 200 feet below land surface, contained PCE at 35 µg/L. However, with the detection of non–site-related chlorinated solvents (i.e., 1,1,1-TCA) within the deeper bedrock water bearing zone at MW-44D, an unknown off-site source area is strongly indicated. The detection of PCE in groundwater at MW-44D may also be attributed to an unidentified off-site source. This assumption is supported by the fact that a declining trend in PCE concentrations is identified for the residuum and shallow bedrock aquifer at the Welcome Years site, while increasing trends in PCE and 1,1,1-TCA concentrations are noted within the deep bedrock (i.e., MW-44D).

2.0 CONCLUSIONS

- Overall, a declining trend in PCE concentrations is apparent in the residuum aquifer. The reported source area well, MW-3R, has declined in concentration from 2,200 µg/L in 2006 to 130 µg/L in 2016. Overall residuum concentrations have declined from more than 1,000 µg/L to less than 500 µg/L since 2010.
- Based on a review of historic analytical results, there appears to be an off-site source of PCE contamination in the shallow bedrock impacting the Welcome Years plume. Monitoring well MW-25D, located in the southeast corner of the Howell Mill parcel, has fluctuated in concentrations from 39 µg/L in 2006 to a high of 979 µg/L in 2013. Concentrations then decreased to less than 5 µg/L and again increased to 290 µg/L in 2015. VOCs were not detected in groundwater from MW-25D. While no residuum groundwater is evident in the vicinity of upgradient shallow bedrock wells MW-25D and MW-42, as the water table aquifer zone is truncated by shallow bedrock, concentrations of PCE in the nearest residuum wells (MW-31 and MW-45) indicate an overall declining trend.
- The concentrations of PCE and 1,1,1-TCA in the on-site deep bedrock well MW-44D are indicative of an off-site source. Concentrations of these constituents in the deep bedrock exhibit an increasing trend; however, concentrations of PCE in the shallower bedrock and residuum exhibit a decreasing trend. Additionally, 1,1,1-TCA has not been detected in the residuum or shallow bedrock groundwater at the Welcome Years site.

3.0 ACTIVITIES TO BE CONDUCTED DURING THE NEXT PROGRESS REPORTING PERIOD

- VLP2, LLC, will schedule a meeting with EPD to provide an update regarding the future redevelopment plans and anticipated schedule for completion.
- Submittal of the Tenth Semiannual Progress Report is due November 2, 2017.

A monthly summary of hours expended by Mr. Tony Gordon, P.G., as part of this semiannual progress report is provided in Attachment E.

If you need anything else or have any questions, please call us at (404) 329-9006.

Sincerely,

Atlanta Environmental Management, Inc.

Leona Miles, CHMM
Project Manager

Janet T. Hart
President

/krf

cc: Anthony Zivalich (VLP2, LLC), via PDF e-mail copy
Noriko Walker (VLP2, LLC), via PDF e-mail copy
Leah Knowlton (Ballard Spahr LLP), via PDF e-mail copy

TABLES

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

Monitoring Well ID:		**MW-1**		**MW-2**		**MW-3**		**MW-3R**		**MW-4**		**MW-5**
Former Well ID:		none		none		none		none		none		none
Installation Date:		3/8/06		3/9/06		3/17/06		3/10/10		3/17/06		5/24/06
Monitored Zone:		Residuum		Residuum		Residuum		Residuum		Residuum		Residuum
Elevation, ft. AMSL[1]:												
PVC Casing		957.66		959.30		960.40		960.67		961.71		946.96
Date	Depth to Water, feet	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL
12/08/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/09/06	20.70	**936.96**	21.75	**937.55**	23.92	**936.48**	NI	NI	24.72	**936.99**	NI	NI
03/23/06	NM	NM	NM	NM	NM	NM	NI	NI	NM	NM	NI	NI
05/25/06	NM	NM	NM	NM	NM	NM	NI	NI	NM	NM	11.11	**935.85**
06/23/06	NM	NM	NM	NM	NM	NM	NI	NI	NM	NM	11.40	**935.56**
08/24/06	21.48	**936.18**	22.90	**936.40**	23.92	**936.48**	NI	NI	24.86	**936.85**	11.73	**935.23**
04/24/07	NM	NM	NM	NM	NM	NM	NI	NI	NM	NM	NM	NM
04/08/08	19.63	**938.03**	21.62	**937.68**	21.74	**938.66**	NI	NI	22.83	**938.88**	9.65	**937.31**
05/13/08	16.26	**941.40**	21.23	**938.07**	24.46	**935.94**	NI	NI	24.72	**936.99**	9.13	**937.83**
05/20/08	NM	NM	21.14	**938.16**	21.11	**939.29**	NI	NI	NM	NM	9.10	**937.86**
07/10/08	NM	NM	NM	NM	21.10	**939.30**	NI	NI	NM	NM	9.13	**937.83**
08/13/08	NM	NM	NM	NM	21.50	**938.90**	NI	NI	NM	NM	NM	NM
09/04/08	NM	NM	NM	NM	21.77	**938.63**	NI	NI	NM	NM	NM	NM
03/17/09	NM	NM	NM	NM	Well Abandoned		NI	NI	NM	NM	NM	NM
09/07/10	21.83	**935.83**	23.10	**936.20**	Well Abandoned		24.71	**935.96**	24.86	**936.85**	11.96	**935.00**
09/10/10	NM	NM	NM	NM	Well Abandoned		NM	NM	NM	NM	NM	NM
12/14/10	22.22	**935.44**	23.52	**935.78**	Well Abandoned		24.46	**936.21**	24.72	**936.99**	12.37	**934.59**
07/11/11	22.57	**935.09**	23.79	**935.51**	Well Abandoned		24.71	**935.96**	24.86	**936.85**	12.41	**934.55**
08/05/13	22.22	**935.44**	23.30	**936.00**	Well Abandoned		24.49	**936.18**	22.83	**938.88**	12.28	**934.68**
12/08/14	22.20	**935.46**	23.00	**936.30**	Well Abandoned		24.30	**936.37**	24.75	**936.96**	12.38	**934.58**
11/09/15	21.31	**936.35**	22.01	**937.29**	Well Abandoned		23.65	**937.02**	23.11	**938.60**	11.70	**935.26**
12/07/16	22.14	**935.52**	22.93	**936.37**	Well Abandoned		24.31	**936.36**	25.78	**935.93**	12.48	**934.48**

Notes: See last page of table.

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

Monitoring Well ID:		**MW-6**		**MW-7**		**MW-8**		**MW-9**		**MW-10**		**MW-11**
Former Well ID:		none		(MW-7)		none		none		none		none
Installation Date:		5/24/06		5/24/06		7/24/06		7/24/06		7/26/06		7/26/06
Monitored Zone:		Residuum		Residuum		Residuum		Residuum		Residuum		Residuum
Elevation, ft. AMSL[1]:												
PVC Casing		941.18		946.79		946.65		948.85		961.17		961.26
Date	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL
12/08/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/09/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/25/06	16.46	**924.72**	10.94	**935.85**	NI	NI	NI	NI	NI	NI	NI	NI
06/23/06	NM	NM	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI
08/24/06	17.18	**924.00**	11.51	**935.28**	18.67	**927.98**	16.35	**932.50**	24.42	**936.75**	24.63	**936.63**
04/24/07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
04/08/08	15.38	**925.80**	10.21	**936.58**	15.10	**931.55**	NM	NM	22.13	**939.04**	21.94	**939.32**
05/13/08	14.60	**926.58**	9.42	**937.37**	14.58	**932.07**	NM	NM	21.65	**939.52**	21.34	**939.92**
05/20/08	NM	NM	NM	NM	NM	NM	NM	NM	21.49	**939.68**	NM	NM
07/10/08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
08/13/08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
09/04/08	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
03/17/09	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	23.65	**937.61**
09/07/10	17.01	**924.17**	11.61	**935.18**	18.71	**927.94**	16.50	**932.35**	24.29	**936.88**	24.72	**936.54**
09/10/10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
12/14/10	17.02	**924.16**	11.81	**934.98**	19.10	**927.55**	16.96	**931.89**	24.88	**936.29**	25.25	**936.01**
07/11/11	17.16	**924.02**	12.49	**934.30**	19.22	**927.43**	17.09	**931.76**	25.11	**936.06**	25.41	**935.85**
08/05/13	16.43	**924.75**	12.17	**934.62**	18.50	**928.15**	15.73	**933.12**	24.89	**936.28**	25.14	**936.12**
12/08/14	17.45	**923.73**	12.18	**934.61**	19.54	**927.11**	17.09	**931.76**	24.63	**936.54**	25.04	**936.22**
11/09/15	16.06	**925.12**	11.53	**935.26**	18.89	**927.76**	16.30	**932.55**	23.95	**937.22**	24.46	**936.80**
12/07/16	18.32	**922.86**	12.25	**934.54**	20.31	**926.34**	18.14	**930.71**	24.70	**936.47**	25.20	**936.06**

Notes: See last page of table.

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

Monitoring Well ID:		**MW-12**		**MW-13**		**MW-14D**		**MW-15**		**MW-16**		**MW-17**
Former Well ID:		none		none		none		(MW-2)		(MW-4)		(MW-5)
Installation Date:		7/26/06		7/26/06		10/6/06		12/2/02		3/9/06		3/9/06
Monitored Zone:		Residuum		Residuum		Bedrock		Residuum		Residuum		Residuum
Elevation, ft. AMSL[1]:												
PVC Casing		963.42		964.47		960.39		947.77		950.96		949.98
Date	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL
12/08/02	NI	NI	NI	NI	NI	NI	20.30	**927.47**	NI	NI	NI	NI
03/09/06	NI	NI	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
03/23/06	NI	NI	NI	NI	NI	NI	17.95	**929.82**	10.54	**940.42**	18.53	**931.45**
05/25/06	NI	NI	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
06/23/06	NI	NI	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
08/24/06	26.02	**937.40**	26.71	**937.76**	NI	NI	20.20	**927.57**	12.67	**938.29**	20.96	**929.02**
04/24/07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
04/08/08	20.75	**942.67**	25.53	**938.94**	55.17	**905.22**	13.85	**933.92**	5.70	**945.26**	14.45	**935.53**
05/13/08	20.32	**943.10**	NM	NM	NM	NM	14.06	**933.71**	5.59	**945.37**	14.28	**935.70**
05/20/08	NM	NM	24.94	**939.53**	56.39	**904.00**	NM	NM	NM	NM	NM	NM
07/10/08	NM	NM	NM	NM	50.37	**910.02**	NM	NM	NM	NM	NM	NM
08/13/08	NM	NM	NM	NM	50.07	**910.32**	NM	NM	NM	NM	NM	NM
09/04/08	NM	NM	NM	NM	50.07	**910.32**	NM	NM	NM	NM	NM	NM
03/17/09	NM	NM	NM	NM	52.60	**907.79**	NM	NM	NM	NM	NM	NM
09/07/10	26.02	**937.40**	26.88	**937.59**	64.57	**895.82**	20.15	**927.62**	13.23	**937.73**	20.78	**929.20**
09/10/10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
12/14/10	26.63	**936.79**	27.68	**936.79**	57.16	**903.23**	20.28	**927.49**	13.95	**937.01**	21.23	**928.75**
07/11/11	26.79	**936.63**	27.80	**936.67**	53.68	**906.71**	20.14	**927.63**	13.91	**937.05**	21.19	**928.79**
08/05/13	26.18	**937.24**	26.63	**937.84**	55.17	**905.22**	16.26	**931.51**	11.69	**939.27**	18.30	**931.68**
12/08/14	28.23	**935.19**	27.07	**937.40**	61.20	**899.19**	19.99	**927.78**	14.22	**936.74**	21.30	**928.68**
11/09/15	25.35	**938.07**	25.59	**938.88**	56.10	**904.29**	18.24	**929.53**	12.10	**938.86**	20.35	**929.63**
12/07/16	26.75	**936.67**	26.98	**937.49**	59.14	**901.25**	DRY	**DRY**	15.42	**935.54**	22.78	**927.20**

Notes: See last page of table.

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

Monitoring Well ID:	**MW-18**		**MW-19**		**MW-20**		**MW-21**		**MW-22**		**MW-23**	
Former Well ID:	(MW-2/B-2)		(MW-3/B-3)		(MW-4/B-5)		(MW-1/B-1)		(MW-5/B-8)		none	
Installation Date:	4/17/07		4/17/07		4/17/07		4/17/07		4/17/07		8/31/10	
Monitored Zone:	Residuum		Residuum		Residuum		Residuum		Residuum		Residuum	
Elevation, ft. AMSL[1]:												
PVC Casing	926.96		928.22		929.89		924.34		929.86		916.44	
Date	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL
12/08/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/09/06	NI	NI	NI	NI	NI	NI	14.85	**909.49**	NI	NI	NI	NI
03/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/25/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
06/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/24/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/24/07	18.22	**908.74**	12.65	**915.57**	2.01	**927.88**	17.93	**906.41**	10.83	**919.03**	NI	NI
04/08/08	15.84	**911.12**	9.62	**918.60**	NM	NM	16.05	**908.29**	7.02	**922.84**	NI	NI
05/13/08	14.90	**912.06**	9.20	**919.02**	NM	NM	15.05	**909.29**	7.32	**922.54**	NI	NI
05/20/08	Well Abandoned		Well Abandoned		Well Abandoned		NM	NM	Well Abandoned		NI	NI
07/10/08	Well Abandoned		Well Abandoned		Well Abandoned		NM	NM	Well Abandoned		NI	NI
08/13/08	Well Abandoned		Well Abandoned		Well Abandoned		NM	NM	Well Abandoned		NI	NI
09/04/08	Well Abandoned		Well Abandoned		Well Abandoned		NM	NM	Well Abandoned		NI	NI
03/17/09	Well Abandoned		Well Abandoned		Well Abandoned		NM	NM	Well Abandoned		NI	NI
09/07/10	Well Abandoned		Well Abandoned		Well Abandoned		13.95	**910.39**	Well Abandoned		11.62	**904.82**
09/10/10	Well Abandoned		Well Abandoned		Well Abandoned		NM	NM	Well Abandoned		NM	NM
12/14/10	Well Abandoned		Well Abandoned		Well Abandoned		14.85	**909.49**	Well Abandoned		12.12	**904.32**
07/11/11	Well Abandoned		Well Abandoned		Well Abandoned		14.60	**909.74**	Well Abandoned		11.81	**904.63**
08/05/13	Well Abandoned		Well Abandoned		Well Abandoned		13.72	**910.62**	Well Abandoned		11.27	**905.17**
12/08/14	Well Abandoned		Well Abandoned		Well Abandoned		16.15	**908.19**	Well Abandoned		12.93	**903.51**
11/09/15	Well Abandoned		Well Abandoned		Well Abandoned		14.42	**909.92**	Well Abandoned		11.86	**904.58**
12/07/16	Well Abandoned		Well Abandoned		Well Abandoned		17.18	**907.16**	Well Abandoned		13.67	**902.77**

Notes: See last page of table.

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

Monitoring Well ID:		**MW-24**		**MW-25D**		**MW-26**		**MW-27**		**MW-28**		**MW-28D**
Former Well ID:		none		none		none		none		none		none
Installation Date:		8/30/10		12/20/10		8/30/10		9/1/10		9/1/10		12/20/11
Monitored Zone:		Residuum		Bedrock		Residuum		Residuum		Residuum		Bedrock
Elevation, ft. AMSL[1]:												
PVC Casing		915.90		966.81		928.94		933.63		932.96		932.97
Date	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL
12/08/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/09/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/25/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
06/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/24/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/24/07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/08/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/13/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/20/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/10/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/13/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/04/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/17/09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/07/10	11.53	**904.37**	NI	NI	12.78	**916.16**	18.35	**915.28**	NM	NM	NI	NI
09/10/10	NM	NM	NI	NI	NM	NM	NM	NM	Dry	Dry	NI	NI
12/14/10	11.36	**904.54**	25.60	**941.21**	12.98	**915.96**	19.09	**914.54**	Dry	Dry	16.90	**916.07**
07/11/11	10.90	**905.00**	25.93	**940.88**	12.82	**916.12**	Dry	Dry	Dry	Dry	16.80	**916.17**
08/05/13	10.38	**905.52**	25.17	**941.64**	11.26	**917.68**	17.86	**915.77**	Dry	Dry	16.74	**916.23**
12/08/14	12.15	**903.75**	25.65	**941.16**	13.53	**915.41**	18.89	**914.74**	Dry	Dry	18.41	**914.56**
11/09/15	10.47	**905.43**	24.44	**942.37**	12.65	**916.29**	Dry	Dry	Dry	Dry	17.00	**915.97**
12/07/16	12.91	**902.99**	26.05	**940.76**	14.85	**914.09**	Dry	Dry	Dry	Dry	19.04	**913.93**

Notes: See last page of table.

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

Monitoring Well ID:		**MW-29**		**MW-30**		**MW-31**		**MW-32**		**MW-33**		**MW-34D**
Former Well ID:		none		none		none		none		none		none
Installation Date:		8/13/10		8/31/10		9/1/10		8/30/10		12/6/10		12/20/10
Monitored Zone:		Residuum		Residuum		Residuum		Residuum		Residuum		Bedrock
Elevation, ft. AMSL[1]:												
PVC Casing		919.92		916.21		965.62		963.65		963.63		905.18
Date	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL
12/08/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/09/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/25/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
06/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/24/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/24/07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/08/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/13/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/20/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/10/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/13/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/04/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/17/09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/07/10	10.98	**908.94**	13.38	**902.83**	NM	NM	NM	NM	NI	NI	NI	NI
09/10/10	NM	NM	NM	NM	25.98	**939.64**	26.02	**937.63**	NI	NI	NI	NI
12/14/10	11.72	**908.20**	14.25	**901.96**	26.71	**938.91**	26.97	**936.68**	25.00	**938.63**	NI	NI
07/11/11	11.50	**908.42**	13.38	**902.83**	26.90	**938.72**	26.97	**936.68**	25.25	**938.38**	NM	NM
08/05/13	10.51	**909.41**	12.00	**904.21**	26.58	**939.04**	26.72	**936.93**	23.47	**940.16**	31.44	**873.74**
12/08/14	12.60	**907.32**	13.65	**902.56**	26.36	**939.26**	26.52	**937.13**	Destroyed	Destroyed	12.68	**892.50**
11/09/15	10.80	**909.12**	13.20	**903.01**	25.72	**939.90**	25.95	**937.70**	Destroyed	Destroyed	11.78	**893.40**
12/07/16	13.53	**906.39**	14.27	**901.94**	26.64	**938.98**	26.68	**936.97**	Destroyed	Destroyed	12.68	**892.50**

Notes: See last page of table.

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

Monitoring Well ID:		**MW-35**		**MW-36**		**MW-37**		**MW-38**		**MW-39**		**MW-40**
Former Well ID:		none		none		none		none		none		none
Installation Date:		9/1/10		12/9/10		12/8/10		12/8/10		12/9/10		12/9/10
Monitored Zone:		Residuum		Residuum		Residuum		Residuum		Residuum		Residuum
Elevation, ft. AMSL[1]:												
PVC Casing		915.07		908.56		908.90		917.30		929.90		913.70
Date	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL
12/08/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/09/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/25/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
06/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/24/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/24/07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/08/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/13/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/20/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/10/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/13/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/04/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/17/09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/07/10	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/10/10	NM	NM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/14/10	22.65	**892.42**	12.92	**895.64**	7.49	**901.41**	9.48	**907.82**	16.90	**913.00**	11.58	**902.12**
07/11/11	NM	NM	7.67	**900.89**	7.21	**901.69**	9.41	**907.89**	16.59	**913.31**	12.21	**901.49**
08/05/13	22.20	**892.87**	7.17	**901.39**	6.77	**902.13**	8.72	**908.58**	15.74	**914.16**	11.68	**902.02**
12/08/14	22.89	**892.18**	NM	NM	NM	NM	10.09	**907.21**	17.33	**912.57**	11.66	**902.04**
11/09/15	22.22	**892.85**	NM	NM	NM	NM	9.32	**907.98**	15.90	**914.00**	10.91	**902.79**
12/07/16	Destroyed	Destroyed	NM	NM	NM	NM	10.89	**906.41**	DRY	**DRY**	11.55	**902.15**

Notes: See last page of table.

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

Monitoring Well ID:		**MW-41**		**MW-42**		**MW-43**		**MW-44D**		**MW-45**
Former Well ID:		none		none		none		none		none
Installation Date:		12/9/10		3/1/11		3/2/11		4/25/13		5/7/13
Monitored Zone:		Residuum		Bedrock		Residuum		Bedrock		Residuum
Elevation, ft. AMSL[1]:										
PVC Casing		910.20		964.83		965.07		960.24		966.19
Date	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL	Depth to Water, ft.	Ground-Water Elevation, ft. AMSL
12/08/02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/09/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/25/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
06/23/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/24/06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/24/07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/08/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/13/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/20/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
07/10/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
08/13/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/04/08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
03/17/09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/07/10	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
09/10/10	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
12/14/10	8.98	**901.22**	NI	NI	NI	NI	NI	NI	NI	NI
07/11/11	9.47	**900.73**	NM	NM	NM	NM	NI	NI	NI	NI
08/05/13	8.26	**901.94**	32.90	**931.93**	27.51	**937.56**	120.56	**839.68**	26.03	**940.16**
12/08/14	8.88	**901.32**	37.00	**927.83**	26.71	**938.36**	132.18	**828.06**	25.99	**940.20**
11/09/15	6.61	**903.59**	31.25	**933.58**	24.45	**940.62**	136.35	**823.89**	25.16	**941.03**
12/07/16	9.12	**901.08**	34.22	**930.61**	26.50	**938.57**	145.98	**814.26**	26.37	**939.82**

Notes: See last page of table.

Table 1. Historic Groundwater Elevation Data
Welcome Years HSI/VRP Site No. 10637
Atlanta, Fulton County, GA

1.	Feet above mean sea level (Re-surveyed in 2010)
ft	Feet
AMSL	Above mean sea level
NI	Well not installed.
NM	Not measured.

Table 2. Summary of Well Construction Details
Welcome Years HSI No. 10637
VLP 2, LLC Properties
Atlanta, Fulton County, Georgia

Monitoring Well I.D.	Former Well I.D.	Property Parcel I.D.	Date of Installation	Boring Depth (feet bgs)	Well Diameter (in.)	Total Well Depth (feet btoc)	Ground Surface Elevation (feet NAVD)	Top of Casing Elevation (feet NAVD)	Depth of Screened Interval (feet bgs)	Elevation of Screened Interval (feet NAVD)	Well Construction Type	Notes and Hydrologic Unit(s) Screened
MW-1	MW-01	(1)	3/8/06	30	2	27.2	957.9	957.66	18 – 28	940 – 930	Type II / single-cased	Soil / Fill / Saprolite
MW-2	MW-02	(1)	3/9/06	29	0.75	28.5	959.7	959.30	19 – 29	941 – 931	Type II / single-cased	Soil / Fill / Saprolite
MW-3	MW-03	(1)	3/17/06	34	0.75	NA	960.9	960.76	21 – 31	NA	Type II / single-cased	Destroyed
MW-3R	NA	(1)	8/30/10	31	2	30.5	961.0	960.67	21 – 31	940 – 930	Type II / single-cased	Soil / Fill / Saprolite
MW-4	MW-04	(1)	3/17/06	30	0.75	28.6	962.1	961.71	19 – 29	943 – 933	Type II / single-cased	Soil / Fill / Saprolite
MW-5	MW-05	(2)	5/24/06	17	0.75	15.2	947.3	946.96	11 – 16	936 – 931	Type II / single-cased	Soil / Fill / Saprolite
MW-6	MW-06	(2)	5/24/06	22	0.75	22.1	941.5	941.18	17 – 22	924.5 – 919.5	Type II / single-cased	Soil / Fill / Saprolite
MW-7	MW-07	(2)	5/24/06	19	0.75	17.9	947.1	946.79	13 – 18	934 – 929	Type II / single-cased	Soil / Fill / Saprolite
MW-8	MW-08	(2)	7/24/06	29	2	26.2	946.9	946.65	16 – 26	931 – 921	Type II / single-cased	Soil / Fill / Saprolite
MW-9	MW-09	(2)	7/24/06	25	0.75	23.8	949.3	948.85	14 – 24	935 – 925	Type II / single-cased	Soil / Fill / Saprolite
MW-10	MW-10	(1)	7/26/06	32	2	32.0	961.3	961.17	22 – 32	939 – 929	Type II / single-cased	Soil / Fill / Saprolite
MW-11	MW-11	(1)	7/26/06	33	0.75	33.0	961.6	961.26	23 – 33	939 – 929	Type II / single-cased	Soil / Fill / Saprolite
MW-12	MW-12	(1)	7/26/10	33	0.75	32.3	963.9	963.42	22.5 – 32.5	941.4 – 931.4	Type II / single-cased	Soil / Fill / Saprolite
MW-13	MW-13	(1)	7/27/06	31	0.75	30.4	965.0	964.47	20.5 – 30.5	944.5 – 934.5	Type II / single-cased	Soil / Fill / Saprolite
MW-14D	MW-14D	(1)	10/6/06	88	3	88.1	960.6	960.39	78 – 88	882 – 872	Type II / double-cased	Rock well
- -	MW-1	(3)	12/2/02	30	0.75	NA	NA	NA	20 – 30	NA	Type II / single-cased	Destroyed
MW-15	MW-2	(3)	12/2/02	22	0.75	21.4	948.0	947.77	11.5 – 21.5	936.5 – 926.5	Type II / single-cased	Soil / Fill / Saprolite
- -	MW-3	(3)	12/2/02	20	0.75	NA	NA	NA	10 – 20	NA	Type II / single-cased	Destroyed
MW-16	MW-4	(3)	3/9/06	25	2	21.5	951.6	950.96	11.5 – 21.5	940 – 930	Type II / single-cased	Soil / Fill / Saprolite
MW-17	MW-5	(3)	3/9/06	27	0.75	25.6	950.2	949.98	15.5 – 25.5	935 – 925	Type II / single-cased	Soil / Fill / Saprolite
MW-18	MW-2/B-2	(4)	4/17/07	30	2	NA	928.0	926.96	15 – 25	913 – 903	Type II / single-cased	Destroyed MACTEC well
MW-19	MW-3/B-3	(4)	4/17/07	23	2	NA	929.0	928.22	10 – 20	919 – 909	Type II / single-cased	Destroyed MACTEC well
MW-20	MW-4/B-5	(4)	4/17/07	13	2	NA	931.0	929.89	3 – 13	928 – 918	Type II / single-cased	Destroyed MACTEC well
MW-21	MW-1/B-1	(4)	4/17/07	22	2	21.5	925.1	924.34	12 – 22	913 – 903	Type II / single-cased	Soil / Fill / Saprolite
MW-22	MW-5/B-8	(4)	4/17/07	31	2	NA	930.0	929.86	6 – 16	924 – 914	Type II / single-cased	Destroyed MACTEC well
MW-23	NA	(5)	8/31/10	22	2	21.0	918.8	916.44	12 – 22	907 – 897	Type II / single-cased	Soil / Fill / Saprolite
MW-24	NA	(5)	8/30/10	26	2	25.3	916.1	915.90	16 – 26	900 – 890	Type II / single-cased	Soil / Fill / Saprolite
MW-25D	NA	(1)	12/20/10	49	2.00	47.11	967.2	966.81	39 – 49	928 – 918	Type II / single-cased	Rock well
MW-26	NA	(7)	8/30/10	26	2	24.4	929.3	928.94	16 – 26	913 – 903	Type II / single-cased	Soil / Fill / Saprolite
MW-27	NA	(8)	9/1/10	19	2	19.3	934.1	933.63	9 – 19	925 – 915	Type II / single-cased	Soil / Fill / Saprolite
MW-28	NA	(9)	9/1/10	16	2	15.8	933.3	932.96	6 – 16	927 – 917	Type II / single-cased	Soil / Fill / Saprolite
MW-28D	NA	(9)	12/20/11	33	2	32.6	933.5	932.97	23 – 33	910.5 – 900.5	Type II / single-cased	Rock well

Table 2. Summary of Well Construction Details
Welcome Years HSI No. 10637
VLP 2, LLC Properties
Atlanta, Fulton County, Georgia

Monitoring Well I.D.	Former Well I.D.	Property Parcel I.D.	Date of Installation	Boring Depth (feet bgs)	Well Diameter (in.)	Total Well Depth (feet btoc)	Ground Surface Elevation (feet NAVD)	Top of Casing Elevation (feet NAVD)	Depth of Screened Interval (feet bgs)	Elevation of Screened Interval (feet NAVD)	Well Construction Type	Notes and Hydrologic Unit(s) Screened
MW-29	NA	(9)	8/31/10	20	2	20.2	920.2	919.92	10 – 20	910 – 900	Type II / single-cased	Soil / Fill / Saprolite
MW-30	NA	(9)	8/31/10	27	2	26.3	916.6	916.21	17 – 27	900 – 890	Type II / single-cased	Soil / Fill / Saprolite
MW-31	NA	(1)	9/1/10	28	2	28.6	965.9	965.62	18 – 28	948 – 938	Type II / single-cased	Soil / Fill / Saprolite
MW-32	NA	(1)	8/30/10	34	2	31.1	964.0	963.65	24 – 34	940 – 930	Type II / single-cased	Soil / Fill / Saprolite
MW-33	NA	(1)	12/6/10	28	2	27.7	963.9	963.63	18 – 28	946 – 936	Type II / single-cased	Destroyed
MW-34D	NA	(10)	12/20/10	34	2	43.5	905.6	905.18	34 – 44	871 – 861	Type II / single-cased	Rock well
MW-35	**NA**	**(10)**	**12/6/10**	**27**	**2**	**26.6**	**915.4**	**915.07**	**17 – 27**	**898 – 888**	**Type II / single-cased**	**Destroyed**
MW-36	NA	(6)	12/9/10	23	2	22.7	909.0	908.56	13 – 23	896 – 886	Type II / single-cased	Soil / Fill / Saprolite
MW-37	NA	(6)	12/8/10	33	2	33.0	908.9	908.38	23 – 33	886 – 876	Type II / single-cased	Soil / Fill / Saprolite
MW-38	NA	(5)	12/8/10	19	2	18.9	917.3	916.94	9 – 19	908 – 898	Type II / single-cased	Soil / Fill / Saprolite
MW-39	NA	(9)	12/9/10	18	2	17.7	929.9	929.32	8 – 18	922 – 912	Type II / single-cased	Soil / Fill / Saprolite
MW-40	NA	(9)	12/9/10	25	2	24.1	913.7	913.32	15 – 25	899 – 889	Type II / single-cased	Soil / Fill / Saprolite
MW-41	NA	(9)	12/9/10	13	2	13.4	910.2	909.74	8 – 13	907 – 897	Type II / single-cased	Soil / Fill / Saprolite
MW-42	NA	(11)	3/1/11	35	2	35.0	965.2	964.83	25-35	940.2-930.2	Type II/single-cased	Soil/Saprolite/Rock well
MW-43	NA	(11)	3/2/11	54	2	54.0	965.4	964.90	19-54	946.4-911.4	Type II/single-cased	Rock well
MW-44D	NA	(1)	4/25/13	202	2	200	960.5	960.24	190-200	770.5-760.5	Type II/single-cased	Rock well
MW-45	NA	(1)	5/7/13	33.33	2	33.0	966.3	966.19	23-33	943.25-933.25	Type II/single-cased	Soil/Saprolite

Notes:

Bold indicates new information since the previous Semiannual Progress Report

bgs = below ground surface

btoc = below top of casing

NA = not applicable

NM = not measured

- - = data not available

Wells were constructed of 2-inch outside diameter, Schedule 40, polyvinyl chloride (PVC) casing with ten (10) feet of manufactured slotted screen (0.010 inch), filter pack and bentonite seal unless otherwise specified.

† Calculated based on land elevation survey information provided by Johnston Surveying, LLC and referenced to a local benchmark in feet relative to the vertical datum NAVD 88 that was conducted in July through December 2010.

NAVD 88 = Elevations relative to National Aeronautical Vertical Datum of 1988 unless otherwise specified

Property Parcel I.D. and Address Listing

(1) 1115 Howell Mill Road (VLP 2, LLC, United Rentals current tenant)
(2) 720 and "0" Fourteenth Street (VLP 2, LLC, Barking Hound Village Westside
(3) 673 Ethel Street (VLP 2, LLC, Trendco-Vick current tenant)
(4) 680 Fourteenth Street (SpaceMax Storage)
(5) 650 Fourteenth Street (Progressive Lighting)
(6) 626 Fourteenth Street (Krystal's)
(7) 663 Ethel Street (Applied Research Services)
(8) 700 Fourteenth Street (Ben Massell Dental)
(9) 667 Fourteenth Street and 1192 Hemphill Avenue (City of Atlanta Department of Watershed Management)
(10) 555/575 Fourteenth Street (VLP 1, LLC, Georgia Technology current tenant used as a Paper Science Technology Building)
(11) 1168 & 1170 Howell Mill Road (White Provisions, formerly Estes-Simmons Silver Plating)

Table 3. Summary of Constituents of Concern in Groundwater-VOCs, 2016
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-1	MW-2	MW-3R		MW-4	MW-5	MW-6	MW-7		MW-8	MW-9
		12/06/16	12/06/16	12/06/16	12/6/16 (DUP)	12/06/16	12/08/16	12/08/16	12/08/16	12/8/2016 (DUP)	12/08/16	12/08/16
Chlorinated Solvents, µg/L												
Tetrachloroethene	5	**68**	<1.0	**130**	**120**	**200**	**51**	**89**	**130**	**130**	**12**	**18**
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	**4.5**	<1.0	<1.0	**3.2**	**3.2**	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	**1.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	4,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	1*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Solvents, µg/L		**68**	BDL	**130**	**120**	**206**	**51**	**89**	**133**	**133**	**12**	**18**
Aromatic Hydrocarbons, µg/L												
Benzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	1*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	1*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	1*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m,p-Xylene	10,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene	10,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L												
Acetone	4,000	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2-Butanone (MEK)	2,000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbon Tetrachloride	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.1**
Dibromochloromethane	80**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NR	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.7**	**1.6**	<1.0	<1.0
Cyclohexane	1*	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylcyclohexane	1*	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Total VOCs, µg/L		**69**	BDL	**130**	**120**	**206**	**51**	**89**	**135**	**135**	**12**	**21**

Table 3. Summary of Constituents of Concern in Groundwater-VOCs, 2016
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-10	MW-11		MW-12	MW-13	MW-14D	MW-15 (formerly MW-2 Ethel Street Property)	MW-16 (formerly MW-3 Ethel Street Property)	MW-17 (formerly MW-1 Ethel Street Property)	MW-21	MW-23
		12/06/16	12/08/16	12/8/16 (DUP)	12/05/16	12/06/16	12/8/2016	12/7/2016	12/5/2016	12/5/2016	12/08/16	12/08/16
Chlorinated Solvents, µg/L												
Tetrachloroethene	5	**65**	**200**	**210**	**1.2**	**7.0**	**75**	Dry	<1.0	<1.0	**36**	**26**
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<1.0	**3.2**	Dry	<1.0	**1.0**	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	**3.6**	<1.0	<1.0
trans-1,2-Dichloroethene	100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	Dry	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	Dry	<2.0	<2.0	<2.0	<2.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	4,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	**3.4**	<1.0	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
Chloroethane	1*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	**5.6**	<1.0	<1.0
Total Solvents, µg/L		**65**	**200**	**210**	**1.2**	**7**	**78**	NA	BDL	**13.6**	**36**	**26**
Aromatic Hydrocarbons, µg/L												
Benzene	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	**6.2**	<1.0	<1.0
Chlorobenzene	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	**120**	<1.0	<1.0
1,2-Dichlorobenzene	600	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	1*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	**4.3**	<1.0	<1.0
Ethylbenzene	700	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	1*	**6.2**	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
Naphthalene	20	**110**	<5.0	<5.0	<5.0	<5.0	<5.0	Dry	<5.0	<5.0	<5.0	<5.0
Toluene	1,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	1*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
m,p-Xylene	10,000	**11**	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
o-Xylene	10,000	**20**	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
Total Aromatics, µg/L		**147.2**	BDL	BDL	BDL	BDL	BDL	NA	BDL	**130.5**	BDL	BDL
Other VOCs, µg/L												
Acetone	4,000	<20	<20	<20	<20	<20	<20	Dry	<20	<20	<20	<20
2-Butanone (MEK)	2,000	<10	<10	<10	<10	<10	<10	Dry	<10	<10	<10	<10
Carbon Tetrachloride	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	Dry	<2.0	<2.0	<2.0	<2.0
Chloroform	80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	**2.5**	<1.0
Dibromochloromethane	80**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NR	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry	<1.0	<1.0	<1.0	<1.0
Cyclohexane	1*	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	Dry	<2.0	<2.0	<2.0	<2.0
Methylcyclohexane	1*	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	Dry	<2.0	<2.0	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	Dry	<5.0	<5.0	<5.0	<5.0
Total VOCs, µg/L		**212**	**200**	**210**	**1**	**7**	**78**	NA	BDL	**144**	**39**	**26**

Table 3. Summary of Constituents of Concern in Groundwater-VOCs, 2016
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-24	MW-24	MW-25D	MW-26	MW-27	MW-28	MW-28D	MW-29	MW-30	MW-31	MW-32
		12/06/16	12/6/2016 (DUP)	12/09/16	12/05/16	12/07/16	12/07/16	12/07/16	12/07/16	12/07/16	12/06/16	12/08/16
Chlorinated Solvents, µg/L												
Tetrachloroethene	5	**58**	**64**	<1.0	<1.0	Dry	Dry	**370**	**2.6**	<1.0	**99**	**260**
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	**2.5**	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	**2.0**	Dry	Dry	<1.0	**6.0**	<1.0	<1.0	**2.8**
trans-1,2-Dichloroethene	100	<2.0	<2.0	<2.0	<2.0	Dry	Dry	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	<2.0	<2.0	<2.0	<2.0	Dry	Dry	<2.0	<2.0	<2.0	<2.0	<2.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	4,000	<1.0	<1.0	<1.0	**1.9**	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	1*	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
Total Solvents, µg/L		**58**	**64**	BDL	**3.90**	NA	NA	**370**	**11.1**	BDL	**99**	**263**
Aromatic Hydrocarbons, µg/L												
Benzene	5	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	**2.3**	<1.0	<1.0	<1.0
Chlorobenzene	100	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	1*	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	**1.5**	<1.0	<1.0	<1.0
Isopropylbenzene	1*	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	20	<5.0	<5.0	<5.0	<5.0	Dry	Dry	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1,000	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	1*	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	70	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
m,p-Xylene	10,000	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene	10,000	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	NA	NA	BDL	**4**	BDL	BDL	BDL
Other VOCs, µg/L												
Acetone	4,000	<20	<20	<20	<20	Dry	Dry	<20	<20	<20	<20	<20
2-Butanone (MEK)	2,000	<10	<10	<10	<10	Dry	Dry	<10	<10	<10	<10	<10
Carbon Tetrachloride	5	<2.0	<2.0	<2.0	<2.0	Dry	Dry	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	80	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	**1.0**	<1.0
Dibromochloromethane	80**	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NR	<1.0	<1.0	<1.0	<1.0	Dry	Dry	<1.0	<1.0	<1.0	<1.0	<1.0
Cyclohexane	1*	<2.0	<2.0	<2.0	<2.0	Dry	Dry	<2.0	**6.3**	<2.0	<2.0	<2.0
Methylcyclohexane	1*	<2.0	<2.0	<2.0	<2.0	Dry	Dry	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	<5.0	<5.0	<5.0	Dry	Dry	<5.0	<5.0	<5.0	<5.0	<5.0
Total VOCs, µg/L		**58**	**64**	BDL	**4**	NA	NA	**370**	**21**	BDL	**100**	**263**

Table 3. Summary of Constituents of Concern in Groundwater-VOCs, 2016
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-34D	MW-35	MW-38	MW-39	MW-40	MW-41	MW-42	MW-43	MW-44D	MW-45
		12/06/16		12/08/16	12/07/16	12/05/16	12/05/16	12/06/16	12/06/16	12/09/16	12/06/16
Chlorinated Solvents, µg/L											
Tetrachloroethene	5	**5.5**	NS	<1.0	Dry	**12**	**13**	**2.2**	<1.0	**35**	**4.3**
Trichloroethene	5	**1.0**	NS	**3.4**	Dry	**2.1**	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	NS	**7.7**	Dry	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	100	<2.0	NS	<2.0	Dry	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	<2.0	NS	<2.0	Dry	**9.5**	<2.0	<2.0	<2.0	**200**	<2.0
Vinyl Chloride	2	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	NS	<1.0	Dry	**2.5**	<1.0	<1.0	<1.0	**780**	<1.0
1,1,2-Trichloroethane	5	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	4,000	<1.0	NS	**6.9**	Dry	**84**	<1.0	<1.0	<1.0	**110**	<1.0
1,2-Dichloroethane	5	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	1*	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	**4.9**	<1.0
Total Solvents, µg/L		**6.5**	NS	**18**	NA	**112**	**13**	**2.2**	BDL	**1,130**	**4.3**
Aromatic Hydrocarbons, µg/L											
Benzene	5	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	**8.8**	NS	**190**	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	<1.0	NS	**1.1**	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	1*	**5.6**	NS	**28**	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	**3.4**	NS	**23**	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	1*	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	20	<5.0	NS	<5.0	Dry	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	1,000	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	1*	**2.5**	NS	**2.6**	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	70	**24**	NS	**23**	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m,p-Xylene	10,000	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
o-Xylene	10,000	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Aromatics, µg/L		**44**	NS	**268**	NA	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L											
Acetone	4,000	<20	NS	<20	Dry	<20	<20	<20	<20	<20	<20
2-Butanone (MEK)	2,000	<10	NS	<10	Dry	<10	<10	<10	<10	<10	<10
Carbon Tetrachloride	5	<2.0	NS	<2.0	Dry	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform	80	<1.0	NS	**2.4**	Dry	<1.0	<1.0	**4.5**	**2.3**	**1.7**	<1.0
Dibromochloromethane	80**	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-butyl ether	NR	<1.0	NS	<1.0	Dry	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Cyclohexane	1*	<2.0	NS	<2.0	Dry	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylcyclohexane	1*	<2.0	NS	<2.0	Dry	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	NS	**45**	Dry	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Total VOCs, µg/L		**51**	NS	**333**	NA	**112**	**13**	**7**	**2**	**1,132**	**4**

Table 3. Summary of Constituents of Concern in Groundwater-VOCs, 2016
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Notes:

RRS- Risk Reduction Standard
µg/L - Micrograms per Liter
VOC- Volatile Organic Compound
NS-Not Sampled
NA-Not Applicable
NR- Not Regulated
Bold-indicates constituent was detected above method detection limit
Exceeds Type I RRS
*RRS based on Laboratory Detection Limit
**RRS same as trihalomethane
1,1,2-Trichloro-1,2,2-trifluoroethane- Also known as Freon 113

Table 4. Summary of Constituents of Concern in Groundwater-Metals, 2016
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-9	MW-11		MW-12	MW-13	MW-29
Groundwater Parameters	**Type 1 RRS (mg/L)**	12/8/2016	12/8/2016	12/8/16 (DUP)	12/5/2016	12/6/2016	12/7/2016
Metals, mg/L							
Total Chromium	0.1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Total Lead	0.015	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

Notes:
RRS- Risk Reduction Standard
mg/L- milligrams per liter

FIGURES

AEM
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Phone: 404.329.9006 • Fax: 404.329.2057

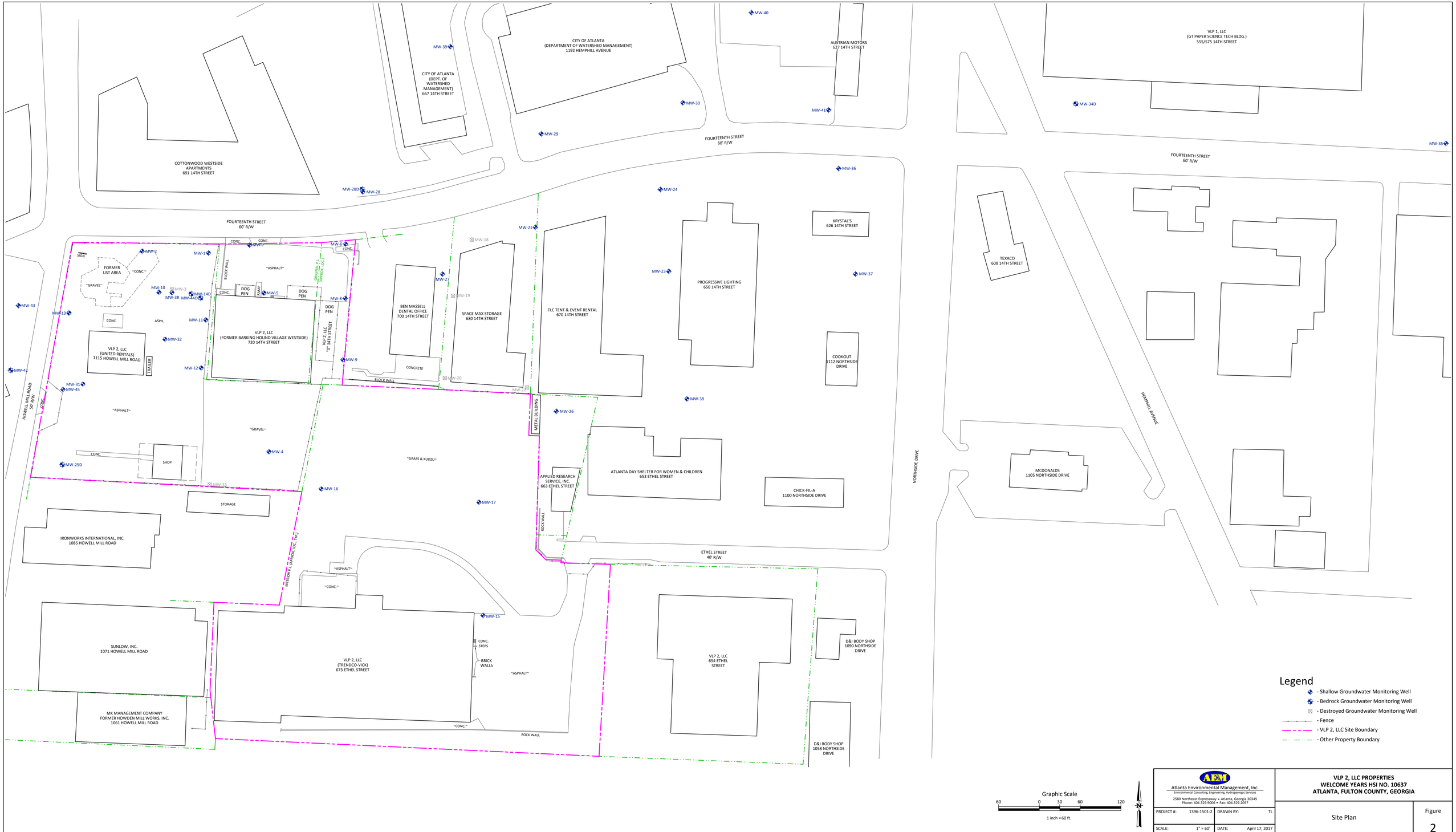
VLP 2, LLC PROPERTIES
WELCOME YEARS HSI NO. 10637
ATLANTA, FULTON COUNTY, GEORGIA

PROJECT #:	1396-1501-2	DRAWN BY:	TL
SCALE:	1"=200'	DATE:	May 3, 2016

Site Location

Figure 1

G:\DWG\1396-1601\04\01 Property Map



Legend

- Shallow Groundwater Monitoring Well
- Bedrock Groundwater Monitoring Well
- Destroyed Groundwater Monitoring Well
- Fence
- VLP 2, LLC Site Boundary
- Other Property Boundary

Graphic Scale

60 0 30 60 120

1 inch = 60 ft.

N

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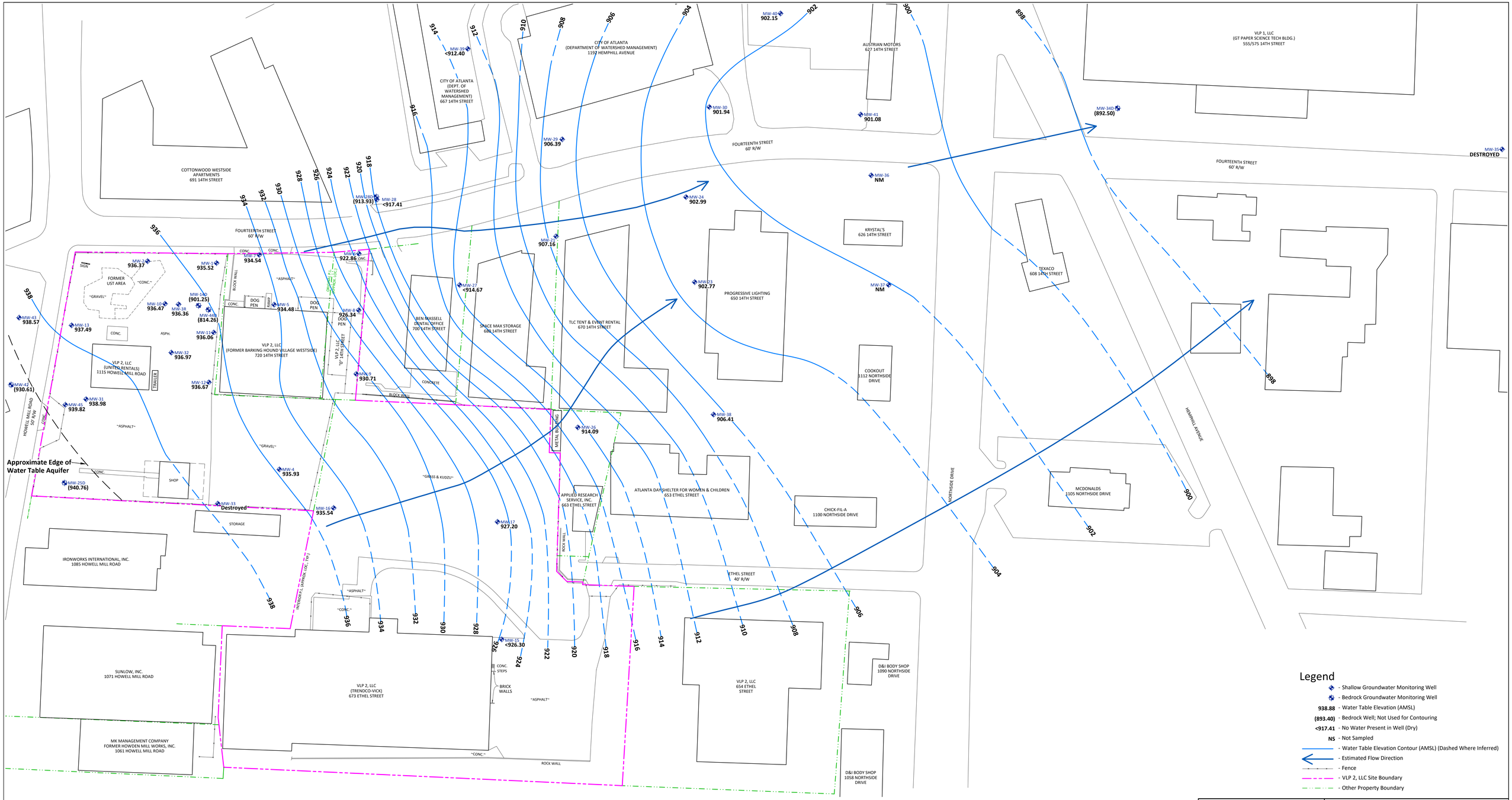
WELCOME YEARS HSI NO. 10637
ATLANTA, FULTON COUNTY, GEORGIA

Site Plan

Figure 2

PROJECT #:	1396-1501-2	DRAWN BY:	TL
SCALE:	1" = 60'	DATE:	April 17, 2017

G:\DWG\1396-1601\04\02 Basemap



Legend

- Shallow Groundwater Monitoring Well
- Bedrock Groundwater Monitoring Well
- **938.88** - Water Table Elevation (AMSL)
- **(893.40)** - Bedrock Well; Not Used for Contouring
- **<917.41** - No Water Present in Well (Dry)
- **NS** - Not Sampled
- Water Table Elevation Contour (AMSL) (Dashed Where Inferred)
- Estimated Flow Direction
- Fence
- VLP 2, LLC Site Boundary
- Other Property Boundary

Graphic Scale

60 0 30 60 120

1 inch = 60 ft.
(Contour Interval = 2 ft.)

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WELCOME YEARS HSI NO. 10637
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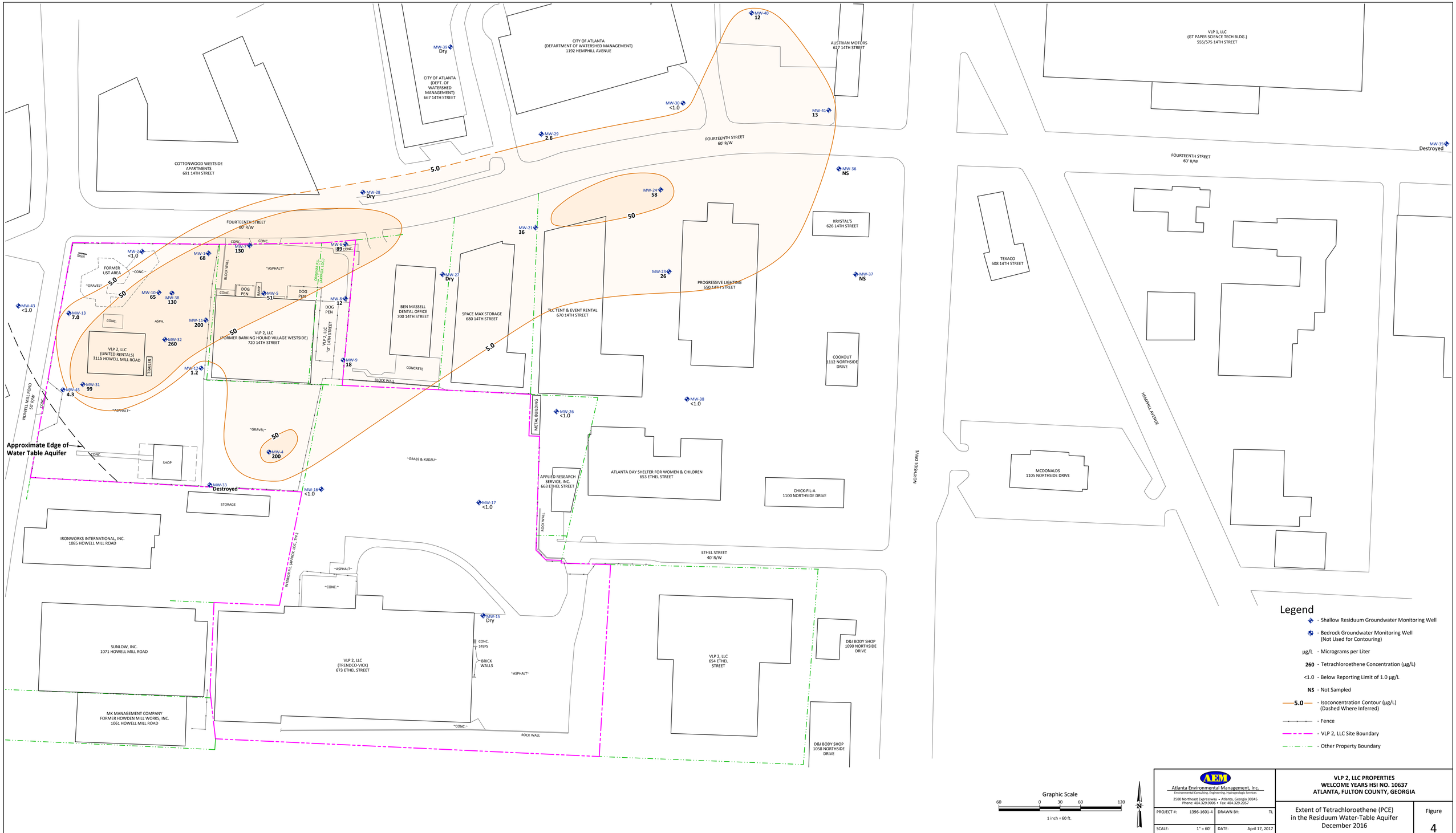
Residuum Potentiometric Surface Map
December 2016

Figure 3

PROJECT #:	1396-1501-2	DRAWN BY:	TL
SCALE:	1" = 60'	DATE:	April 17, 2017

G:\DWG\1396-1601\04\03 WTC 2016-12



Legend

- Shallow Residuum Groundwater Monitoring Well
- Bedrock Groundwater Monitoring Well (Not Used for Contouring)
- µg/L - Micrograms per Liter
- **260** - Tetrachloroethene Concentration (µg/L)
- <1.0 - Below Reporting Limit of 1.0 µg/L
- **NS** - Not Sampled
- **5.0** - Isoconcentration Contour (µg/L) (Dashed Where Inferred)
- Fence
- VLP 2, LLC Site Boundary
- Other Property Boundary

Graphic Scale

60 0 30 60 120

1 inch = 60 ft.

N

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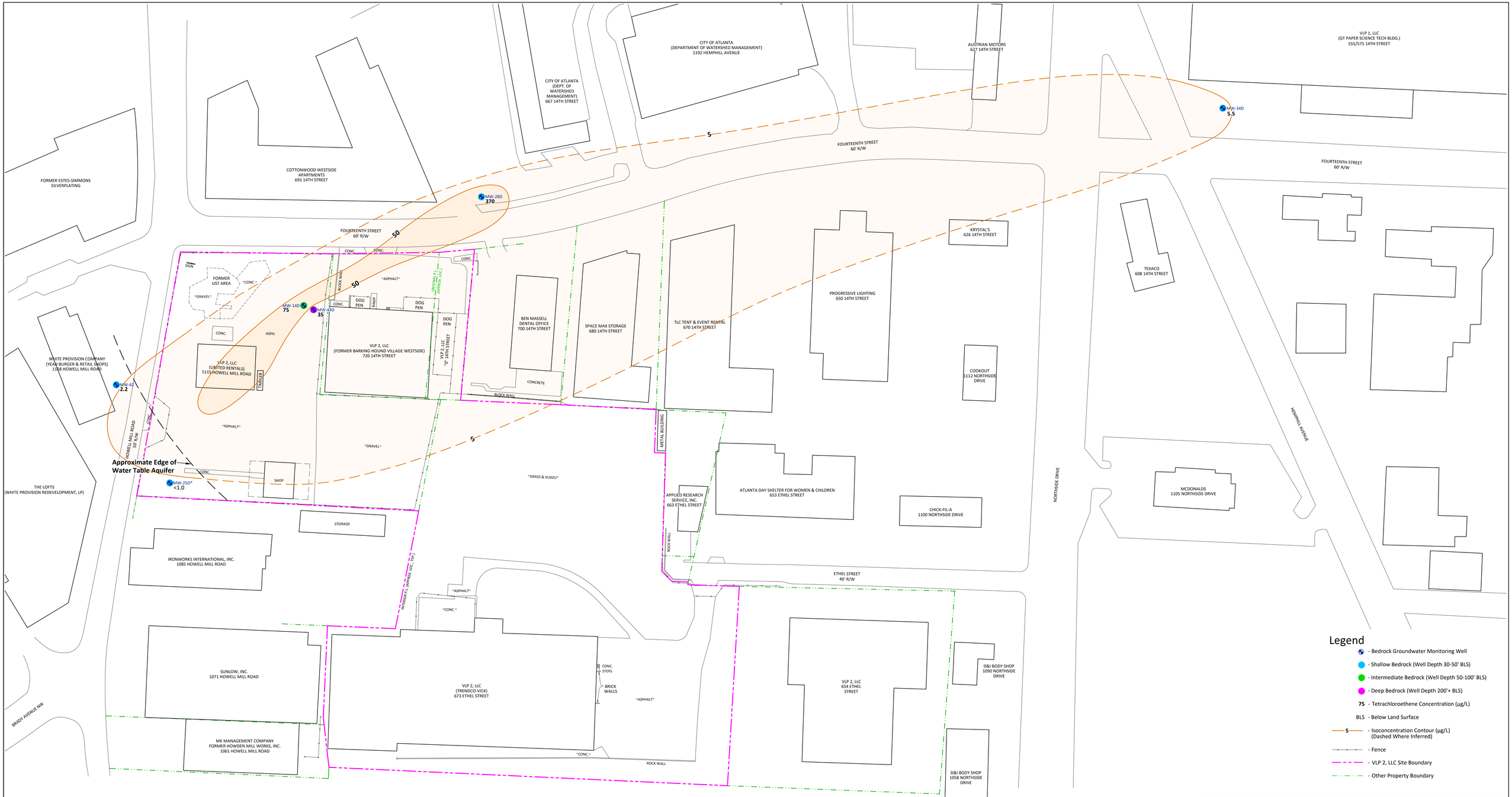
WELCOME YEARS HSI NO. 10637
ATLANTA, FULTON COUNTY, GEORGIA

Extent of Tetrachloroethene (PCE) in the Residuum Water-Table Aquifer December 2016

Figure 4

PROJECT #:	1396-1601-4	DRAWN BY:	TL
SCALE:	1" = 60'	DATE:	April 17, 2017

G:\DWG\1396-1601\04\04 Residuum PCE 2016-12



Legend

- Bedrock Groundwater Monitoring Well
- Shallow Bedrock (Well Depth 30-50' BLS)
- Intermediate Bedrock (Well Depth 50-100' BLS)
- Deep Bedrock (Well Depth 200'+ BLS)
- **75** - Tetrachloroethene Concentration (µg/L)
- BLS - Below Land Surface
- **5** - Isoconcentration Contour (µg/L) (Dashed Where Inferred)
- Fence
- VLP 2, LLC Site Boundary
- Other Property Boundary

Graphic Scale

60 0 30 60 120

1 inch = 60 ft.

N

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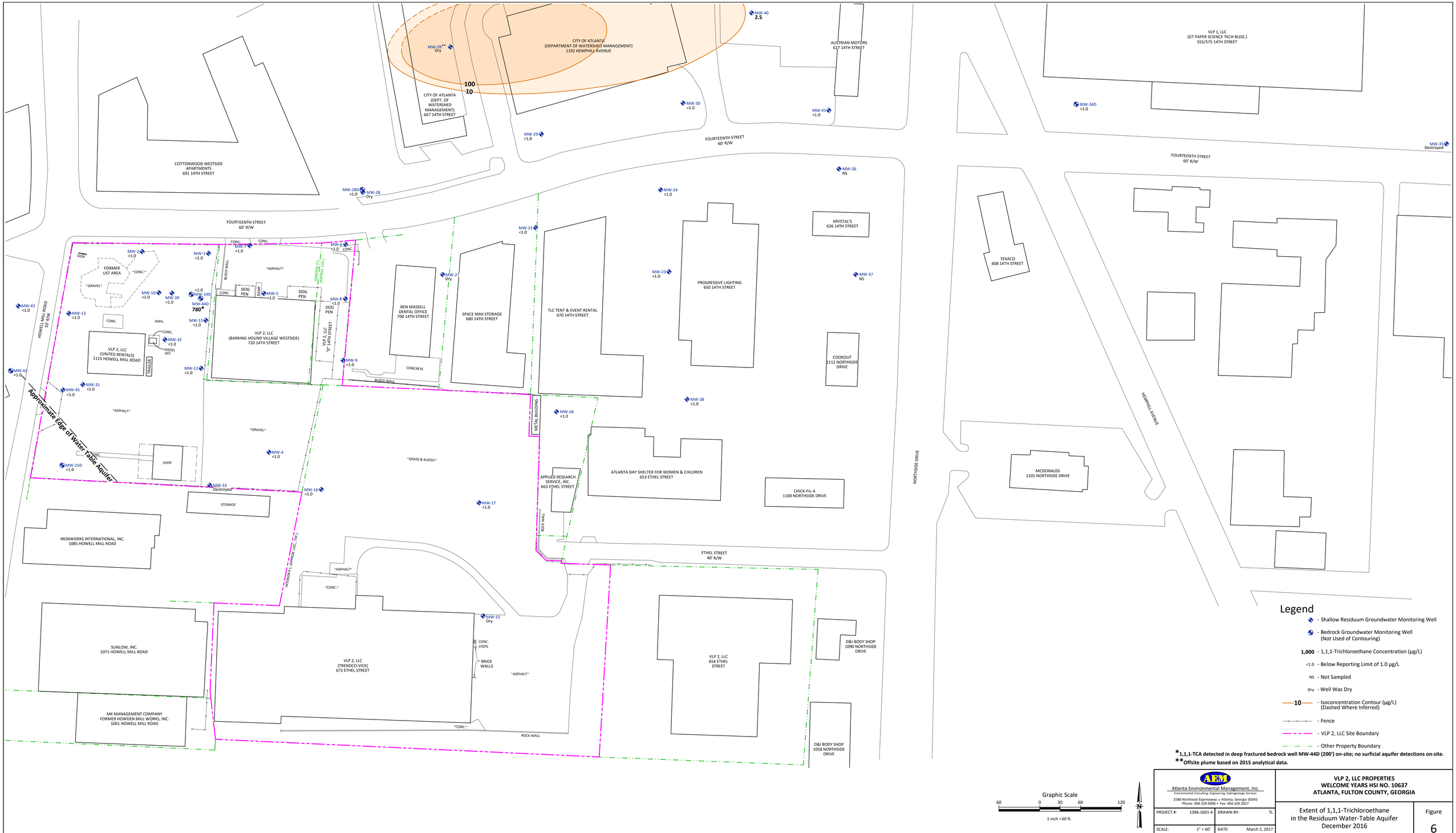
VLP 2, LLC PROPERTIES
WELCOME YEARS HSI NO. 10637
ATLANTA, FULTON COUNTY, GEORGIA

Extent of Tetrachloroethene (PCE) in the Bedrock Aquifer
December 2016

Figure 5

PROJECT #:	1396-1601-4	DRAWN BY:	TL
SCALE:	1" = 60'	DATE:	April 17, 2017

G:\DWG\1396-1601\04\05 Bedrock PCE 2016-12



Legend

- Shallow Residuum Groundwater Monitoring Well
- Bedrock Groundwater Monitoring Well (Not Used of Contouring)
- **1,000** - 1,1,1-Trichloroethane Concentration (µg/L)
- <1.0 - Below Reporting Limit of 1.0 µg/L
- NS - Not Sampled
- Dry - Well Was Dry
- **10** - Isoconcentration Contour (µg/L) (Dashed Where Inferred)
- Fence
- VLP 2, LLC Site Boundary
- Other Property Boundary

***1,1,1-TCA detected in deep fractured bedrock well MW-44D (200') on-site; no surficial aquifer detections on-site.**

****Offsite plume based on 2015 analytical data.**

Graphic Scale
60 0 30 60 120
1 inch = 60 ft.

N

Atlanta Environmental Management, Inc.
Environmental Consulting, Engineering, Hydrogeologic Services
2580 Northeast Expressway • Atlanta, Georgia 30345
Phone: 404.329.9006 • Fax: 404.329.2057

PROJECT #: 1396-1601-4 | DRAWN BY: TL
SCALE: 1" = 60' | DATE: March 2, 2017

VLP 2, LLC PROPERTIES
WELCOME YEARS HSI NO. 10637
ATLANTA, FULTON COUNTY, GEORGIA

Extent of 1,1,1-Trichloroethane
in the Residuum Water-Table Aquifer
December 2016

Figure
6

G:\DWG\1396-1601\04\06 Residuum TCE 2016-12

ATTACHMENT A

Groundwater Sampling Forms

December 2016
Groundwater Level Measurements
Welcome Years, Inc. - Atlanta, Georgia

Wells Gauged on 12-07-16

Time	Date	Well Number	December-16 DTW[1] / DTB	July-11 DTB[2]	November-15 DTW[1]	November-15 VOCs[3]
1020	12/7/2016	MW-1	22.14 / 26.88	27.18	21.31	30
0940	12/7/2016	MW-2	22.93 / 28.26	28.49	22.01	BDL
1206	12/7/2016	MW-3R	24.31 / 30.22	30.48	23.65	80
1255	12/7/2016	MW-4	25.78 / 28.30	28.57	23.11	103
1057	12/7/2016	MW-5	12.48 / 14.95	15.12	11.70	72
1102	12/7/2016	MW-6	18.32 / 21.77	22.03	16.06	120
1350	12/7/2016	MW-7	12.25 / 17.81	17.90	11.53	235
1035	12/7/2016	MW-8	20.31 / 25.90	26.16	18.89	11
1045	12/7/2016	MW-9	18.14 / 23.51	23.80	16.3	23
1240	12/7/2016	MW-10	24.70 / 31.70	~~23.03~~ 31.70	23.95	150
1326	12/7/2016	MW-11	25.20 / 32.78	33.00	24.46	190
0955	12/7/2016	MW-12	26.75 / 31.98	32.26	25.35	5
1016	12/7/2016	MW-13	26.98 / 30.15	30.40	25.59	12
1220	12/7/2016	MW-14D	59.14 / 87.90	88.17	56.10	101
0840	12/7/2016	MW-15	Dry / 21.18	21.47	18.24	BDL
0825	12/7/2016	MW-16	15.42 / 21.40	21.40	12.10	BDL
0832	12/7/2016	MW-17	22.74 / 26.18	25.73	20.35	4.0
1123	12/5/2016	MW-21	17.18 / 21.18	21.40	14.42	96
0918	12/7/2016	MW-23	13.67 / 20.75	21.06	11.86	7
1130	12/7/2016	MW-24	12.91 / 25.02	25.29	10.47	163
1335	12/7/2016	MW-25D	26.05 / 48.08	48.37	24.44	280
0848	12/7/2016	MW-26	14.85 / 24.09	24.33	12.65	13
1118	12/5/2016	MW-27	Dry / 19.18	19.26	DRY	DRY
0820	12/5/2016	MW-28	Dry / 15.53	15.83	DRY	DRY ww
0821	12/7/2016	MW-28D	19.04 / 32.51	32.87	17.00	461 ww
0900	12/7/2016	MW-29	13.53 / 20.02	20.13 DTB 20.02	10.80	121 ww
0850	12/5/2016	MW-30	14.27 / 26.35	26.42	13.20	BDL ww
1305	12/7/2016	MW-31	26.64 / 28.30	28.50	25.72	122
1400	12/7/2016	MW-32	26.68 / 30.80	31.01	25.95	520
NM	~~12/6/2016~~	MW-33	DESTROYED	27.68	NA	NA
0905	12/7/2016	MW-34D	12.68 / 43.44	43.90	11.78	52
12-06-16	12/7/2016	MW-35	Destroyed	26.24	22.22	BDL
NM	NM	MW-36	NM	22.68	7.67	BDL
NM	NM	MW-37	NM	37.93 (1")	7.00 (1")	10.47
1425	12/7/2016	MW-38	10.89 / 18.55	18.88	9.32	910
0817	12/7/2016	MW-39	Dry / 17.43	17.73	15.90	895 ww

December 2016
Groundwater Level Measurements
Welcome Years, Inc. - Atlanta, Georgia

wells Gauged on 12-07-16

Time	Date	Well Number	December-16 DTW[1] / DTB	July-11 DTB[2]	November-15 DTW[1]	November-15 VOCs[3]
0759	12/7/2016	MW-40	11.55 / 23.63	23.99	10.91	216 ww
0753	12/7/2016	MW-41	9.12 / 13.18	13.46	6.61	BDL ww
0801	12/7/2016	MW-42	34.22 / 54.95	55.15	31.25	9
0752	12/7/2016	MW-43	26.50 / 35.85	35.65	24.45	9
1345	12/7/2016	MW-44D	145.98 / 200.20	201.95	136.35	1,456
1007	12/7/2016	MW-45	26.37 / 33.04	33.06	25.16	10

[1] - Depth to Water (DTW) measured in feet from below Top of Casing (BTOC)

[2] - Depth to Bottom (DTB) measured in July 2011 in feet from below Top of Casing (BTOC); except MW-42 through MW-45

[3] - Total VOC groundwater concentrations in Micrograms per Liter (µg/L)

NA - Not Applicable/Available

NM - Not Measured

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-1

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/6/16

Comments: Adrian Teel | Time In: 1250 | Time Out 1404

Well Information

Well Diameter: 2 inches | Reference Point Marked: Yes No

Depth to Water 22.18 feet below T.O.C. | Well Depth: 27.18 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 5.0 ft
1 Well Volume= 0.8 gal
3 Well Volume= 2.4 gal
Total Purged 2.6 gal
Well Purge Dry (? yes/no)

Purge Method (check): [X] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1302
Purge End Time: 1345
Total Time: 43 min
Purge Rate: 0.06 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [X] Peri. ID# Pine

Pump Tubing Type [ ] Teflon [X] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used [X] Hanna 991300 [ ] YSI 556 [X] Lamotte 2020 ID#'s 13

Calibration Date/Time: 12/6/16 0915

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1320	0.75	19.6	0.51	6.22	—	—	46.8	22.39
1325	1.10	20.0	0.53	6.22	—	—	21.7	22.39
1330	1.50	19.8	0.53	6.19	—	—	8.92	22.39
1335	1.90	19.8	0.53	6.19	—	—	12.3	22.39
1340	2.25	19.7	0.54	6.16	—	—	6.12	22.38
1345	2.60	19.7	0.54	6.16	—	—	4.14	22.38
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [X] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 23 feet below T.O.C

Final Groundwater Depth (if applic: 22.38 feet below T.O.C

Final Sample Turbidity: 4.14 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-1	VOC (8260 B)	40ml VOA vials	2	HCl	1380

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-2

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/6/16

Comments: Adrian Teal | Time In: 1025 | Time Out 1142

Well Information

Well Diameter: 1 inches | Reference Point Marked: (Yes) No

Depth to Water 22.90 feet below T.O.C. | Well Depth: 28.49 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 5.59 ft

1 Well Volume= 0.23 gal

3 Well Volume= 0.68 gal

Total Purged 1.0 gal

Well Purge Dry (? yes/(no))

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1048

Purge End Time: 1120

Total Time: 32 min

Purge Rate: 0.03 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# Pine

Pump Tubing Type [ ] Teflon [ ] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 11, 3

Calibration Date/Time: 12/6/16 0915

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1106	0.25	18.9	0.37	5.84	—	—	0.97	23.22
1116	0.75	19.1	0.38	5.94	—	—	0.80	23.28
1120	1.0	19.2	0.38	5.95	—	—	0.77	23.30
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 24 feet below T.O.C

Final Groundwater Depth(if applic. 23.30 feet below T.O.C

Final Sample Turbidity: 0.77 NTUs

Ferrous Iron Concentration (if sampled): NA mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-2	VOC's (8260B)	40 mL Glass Vials	2	HCL	1125

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-3R

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/6

Comments: | Time In: 1306 | Time Out 1509

Well Information

Well Diameter: 2 inches | Reference Point Marked: Yes (No)

Depth to Water 24.30 feet below T.O.C. | Well Depth: 30.21 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 5.91 ft

1 Well Volume= 0.95 gal

3 Well Volume= 2.84 gal

Total Purged 3 gal

Well Purge Dry (? yes/no)

Purge Method (check): [✓] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1325

Purge End Time: 1459

Total Time: 94 min

Purge Rate 0.032 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [✓] Peri. ID# 7

Pump Tubing Type [ ] Teflon [✓] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used [✓] Hanna 991300 [ ] YSI 556 [✓] Lamotte 2020 ID#'s 11 Lamotte 7 Hanna

Calibration Date/Time: 12/6 @ 0745

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1351	1	20	0.33	5.42	—	—	5.85	25.93
1410	1.5	19.8	0.33	5.38	—	—	1.04	25.98
1430	2	20.1	0.33	5.40	—	—	1.22	26.11
1443	2.5	19.9	0.33	6.37	—	—	4.50	26.57
1458	2.90	20	0.33	5.37	—	—	4.40	26.69
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [X] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 26.61 feet below T.O.C

Final Groundwater Depth(if applic. 26.69 feet below T.O.C

Final Sample Turbidity: 2.65 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-3R	VOC (8260B)	40 ml VOA vials	2	HCl	1503
MW-3R Dup	VOC (8260B)	40 ml VOA vials	2	HCl	1508

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-4

Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/6/16

Comments: Good Condition | Time In: 1320 | Time Out 1310

Well Information

Well Diameter: 1.0 inches | Reference Point Marked: (Yes) No

Depth to Water 25.77 feet below T.O.C. | Well Depth: 28.33 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 2.59 ft

1 Well Volume= 0.10 gal

3 Well Volume= 0.30 gal

Total Purged 0.28 gal

Well Purge Dry (? (Yes)/no

Purge Method (check): ☑ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 1330

Purge End Time: 1440

Total Time: 70 min

Purge Rate: <0.01 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☑ Peri. ID# P-6

Pump Tubing Type: ☐ Teflon ☒ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used: ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#'s 1/5

Calibration Date/Time: 0915 12/6/2016

Comments: low tub. purge water, Purge dry twice

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
ND 0340	0.10	17.9°	0.46	6.43	—	—	80.0	17.80
0350	0.15	Dry	Dry	Dry	—	—	Dry	29.30
0355	0.20	17.4°	0.48	6.34	—	—	12.12	27.83
1400	0.23	Dry	Dry	Dry	—	—	Dry	28.30
1430	0.26	16.4°	0.46	6.34	—	—	10.23	26.95
1440	0.28	Dry	Dry	Dry	—	—	Dry	28.30
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☒ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: — feet below T.O.C

Final Groundwater Depth(if applic. — feet below T.O.C

Final Sample Turbidity: 7.71 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments: clear sample, no odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-4	VOC's (8260B)	2-40 mL VOA vials	2	HCL	1445

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony J Gordon

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-5

Sampling Personnel: (Tony Gordon), Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/8/16

Comments: Good Condition (well) | Time In: 1000 | Time Out 1120

Well Information

Well Diameter: 1.0 inches | Reference Point Marked: (Yes) No

Depth to Water 12.48 feet below T.O.C. | Well Depth: 15.10 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 2.62 ft

1 Well Volume= 0.10 gal

3 Well Volume= 0.30 gal

Total Purged 0.45 gal

Well Purge Dry (?(yes) no

Purge Method (check): ☒ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 1020

Purge End Time: 1047

Total Time: 27 min

Purge Rate: ~0.016 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☒ Peri. ID# P6

Pump Tubing Type ☐ Teflon ☒ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used: ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#'s 15

Calibration Date/Time: 0845 12/8/16

Comments: clear purge water | no odor
well purged Dry

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1025	0.075	16.4°	0.33	5.69	—	—	11.26	13.08
1030	0.125	16.20	0.32	5.74	—	—	6.82	13.65
1035	0.200	17.10	0.32	5.73	—	—	553	14.30
1040	0.250	17.60	0.32	5.72	—	—	7.19	14.68
1045	0.400	17.70	0.32	5.72	—	—	7.44	14.90
1047	0.456	Dry	Dry	Dry	—	—	Dry	@15.0 (Dry)

Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☒ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: 14.6 feet below T.O.C

Final Groundwater Depth(if applic. 14.8 feet below T.O.C (Sample)

Final Sample Turbidity: 4.71 NTUs

Ferrous Iron Concentration (if sampled): NL mg/L

Comments: clear sample, no odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-5	VOC's (8260B)	40 mL VOA vials	2	HCL	1100

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony Gordon

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years ~~Project #~~ 1396-1601-2 Well No.: MW6

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 8 Dec 2016

Comments: Time In: 1100 Time Out 1205

Well Information

Well Diameter: 1 inches Reference Point Marked: (Yes) No

Depth to Water 18.32 feet below T.O.C. Well Depth: 21.77 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 3.45 ft

1 Well Volume= .138 gal

3 Well Volume= .414 gal

Total Purged 0.69 gal

Well Purge Dry (? yes/no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1100

Purge End Time: 1157

Total Time: 57 min

Purge Rate: 0.012 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# P1

Pump Tubing Type: [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used: [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 8, 7

Calibration Date/Time: 8 Dec 16 0740

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1107	.138	14.9	565	6.98	—	—	19.9	—
1117	.275	15.3	562	6.100	—	—	53.0	—
1130	.414	13.6	550	6.71	—	—	53.0	—
1143	.552	12.6	544	6.87	—	—	48.0	—
1157	0.69	14.1	551	6.87	—	—	49.0	—
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 20.5' feet below T.O.C

Final Groundwater Depth(if applic. — feet below T.O.C

Final Sample Turbidity: 49 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW6	VOCs	Glass	2	HCl	1200

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-07
Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12-08-15
Comments: Cloudy Cold Time In: 1050 Time Out 1200

Well Information

Well Diameter: 1 inches Reference Point Marked: Yes / No
Depth to Water 12.25 feet below T.O.C. Well Depth: 17.90 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well *
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 5.65 ft
1 Well Volume= 0.23 gal
3 Well Volume= 0.69 gal
Total Purged 0.90 gal
Well Purge Dry (? yes/no) no

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method
Purge Start Time: 1112
Purge End Time: 1132
Total Time: 20 min
Purge Rate: 0.05 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# P-B
Pump Tubing Type: [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene
Meter(s) Used: [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#s 97
Calibration Date/Time: 12-08-16 0740
Comments: Cal. ONG

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1118	0.30	17.0	461	6.25	—	—	1.76	—
1124	0.50	18.1	460	6.26	—	—	5.33	—
1128	0.70	18.5	464	6.27	—	—	1.98	—
1132	0.90	18.2	461	6.26	—	—	1.67	—
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other
Final Tubing/Pump Depth: — feet below T.O.C
Final Groundwater Depth (if applic.) — feet below T.O.C
Final Sample Turbidity: 1.67 NTUs
Ferrous Iron Concentration (if sampled): — mg/L
Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-07	VOCs 8260B	40 mL VOA	2	HCl	1140
MW-07Dup	"	"	2	"	1145

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Daniel McCartha

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-8

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12/8/16

Comments: Time In: 0845 Time Out 1023

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes / No

Depth to Water 20.31 feet below T.O.C. Well Depth: 25.40 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 5.59 ft

1 Well Volume= 0.85 gal

3 Well Volume= 2.67 gal

Total Purged 2.75 gal

Well Purge Dry (? yes/no

Purge Method (check): ☑ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 0920

Purge End Time: 0956

Total Time: 36 min

Purge Rate: 0.083 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☒ Peri. ID# 7

Pump Tubing Type: ☐ Teflon ☒ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used: ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#'s 3 Hanna 11 Lamotte

Calibration Date/Time: 12/8 @ 0800

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0929	0.5	18.8	0.39	5.50	—	—	5.28	20.57
0935	1	19.2	0.38	5.65	—	—	2.02	20.61
0940	1.5	19.2	0.38	5.64	—	—	2.13	20.62
0946	2	19.2	0.38	5.65	—	—	1.22	20.66
0956	2.75	19.0	0.39	5.65	—	—	1.16	20.62
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☒ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: 20 feet below T.O.C

Final Groundwater Depth (if applic. 20.62 feet below T.O.C

Final Sample Turbidity: 1.16 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-8	VOC (8260B)	40 ml VOA vials	3	HCl	1000

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: A Jensen

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-9

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/8/16

Comments: | Time In: 1030 Time Out 1200

Well Information

Well Diameter: 1 inches | Reference Point Marked: Yes (No)

Depth to Water 18.14 feet below T.O.C. | Well Depth: 23.51 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 5.37 ft

1 Well Volume= 0.21 gal

3 Well Volume= 0.63 gal

Total Purged 0.70 gal

Well Purge Dry (? yes/no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1050

Purge End Time: 1150

Total Time: 60 min

Purge Rate: 0.00117 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# 7

Pump Tubing Type [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s Hanna 4 Lamotte 1

Calibration Date/Time: 12/8 @ 0800

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1113	.25	15.9	0.37	5.81	—	—	5.67	21.88
1124	.40	16.4	0.37	5.77	—	—	3.55	22.54
1140	.70	16.7	0.37	5.77	—	—	1.73	22.99
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 22.99 feet below T.O.C

Final Groundwater Depth (if applic. 22.99 feet below T.O.C

Final Sample Turbidity: 1.73 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-9	VOC (8260B)	40ml VOA Vial	2	HCl	1150
MW-9	Total Cr + Pb	1-250 ml HDPE	1	HNO3	1150

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand ~~Delivery~~/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-10
Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12/6/16
Comments: Adrian Teal Time In: 1427 Time Out 1607

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No
Depth to Water 24.67 feet below T.O.C. Well Depth: 31.92 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 7.25 ft
1 Well Volume= 1.16 gal
3 Well Volume= 3.48 gal
Total Purged 3.5 gal
Well Purge Dry (? yes/no) no

Purge Method (check): ☑ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 1442
Purge End Time: 1534
Total Time: 52 min
Purge Rate: 0.067 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☒ Peri. ID#'s Pine
Pump Tubing Type: ☐ Teflon ☒ Teflon-Lined Poly. ☐ Polyethylene
Meter(s) Used: ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#'s 11, 3
Calibration Date/Time: 12/6/16 0915
Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1516	1.25	20.2	420	5.39	—	—	48.5	24.81
1519	1.75	20.6	403	5.31	—	—	6.51	24.81
1530	2.25	20.5	397	5.31	—	—	36.9	24.81
1541	2.75	20.7	386	5.31	—	—	18.8	24.81
1550	3.25	20.7	385	5.31	—	—	9.1	24.81
1554	3.5	20.7	385	5.32	—	—	8.0	24.81
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☒ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other
Final Tubing/Pump Depth: 26 feet below T.O.C
Final Groundwater Depth (if applic.) 24.81 feet below T.O.C
Final Sample Turbidity: 8.0 NTUs
Ferrous Iron Concentration (if sampled): — mg/L
Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-10	VOC (8260 B)	40 ml VOA Vials	2	HCl	1600

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-11

Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/8/2016

Comments: | Time In: 1240 | Time Out 1345

Well Information

Well Diameter: 1.0 inches | Reference Point Marked: (Yes) No

Depth to Water 35.20 feet below T.O.C. | Well Depth: 39.78 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 7.58 ft

1 Well Volume= 0.30 gal

3 Well Volume= 0.90 gal

Total Purged 1.50 gal

Well Purge Dry (? yes/(no))

Purge Method (check): [X] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1255

Purge End Time: 1331

Total Time: 36 min

Purge Rate: 0.045 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [X] Peri. ID# P-6

Pump Tubing Type: [ ] Teflon [X] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used: [X] Hanna 991300 [ ] YSI 556 [X] Lamotte 2020 ID#s 1/5

Calibration Date/Time: 0845 12/8/2016

Comments: dour purge water / no odor

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. mS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1306	0.25	18.2°C	0.26	5.38	—	—	7.86	27.70
1312	0.50	18.8°	0.26	5.41	—	—	3.45	27.75
1317	0.75	19.0°	0.26	5.43	—	—	2.79	27.82
1321	1.00	19.2°	0.26	5.43	—	—	2.74	27.88
1331	1.50	18.9°	0.26	5.44	—	—	2.55	27.90
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [X] Straw Method (VOC's) [X] Pump Tubing (metals) [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 28.0 feet below T.O.C

Final Groundwater Depth (if applic.) 27.90 feet below T.O.C

Final Sample Turbidity: 2.44 NTUs

Ferrous Iron Concentration (if sampled): NA mg/L

Comments: clear sample, no odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-11	VOC's (8260B)	40 mL VOA Vials	2	HCL	1335
MW-11 Dup	VOC's (8260B)	40 mL VOA Vials	2	HCL	1335
MW-11	Total Cr, Pb (6010C)	1-250 mL HDPE	1	HNO_3	1340
MW-11 Dup	Total Cr, Pb (6010C)	1-250 mL HDPE	1	HNO_3	1340

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony Gordon

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-12

Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/5/2016

Comments: Good condition well | Time In: 1400 | Time Out 1600

Well Information

Well Diameter: 1.0 inches | Reference Point Marked: (Yes) No

Depth to Water: 26.71 feet below T.O.C. | Well Depth: 31.99 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 5.28 ft

1 Well Volume= 0.27 gal

3 Well Volume= 0.63 gal

Total Purged 0.65 gal

Well Purge Dry (?) (yes) no

Purge Method (check): [✓] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1425

Purge End Time: 1505

Total Time: 40 min

Purge Rate: 0.02 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☑ Peri. ID# P-6

Pump Tubing Type: ☑ Teflon ☒ Teflon-Lined Poly. ☑ Polyethylene

Meter(s) Used: ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#'s 1/2

Calibration Date/Time: 0945 12/5/16

Comments: clear purge water, purged dry

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. mS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1457	0.5	18.06	0.23	5.61	—	—	27.1	29.74
1505	0.6	Dry	Dry	Dry	—	—	Dry	31.80
Sample	0.65	17.66	0.23	5.51	—	—	3.70	28.00
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☑ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: ~30.0 feet below T.O.C

Final Groundwater Depth (if applic. 32.0 feet below T.O.C

Final Sample Turbidity: 3.70 NTUs

Ferrous Iron Concentration (if sampled): N/A mg/L

Comments: clear sample, no odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-12	VOC's (8260B)	2-40 mL glass Vials	2	HCL	1350
MW-12	Cr & Pb (6010C)	250mL HDPE bottle	1	HNO3	1350

Sample Laboratory (circle): ACL/Xenco/(AES)/TA/Other | Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature: Tony Gordon

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-13

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/6/16

Comments: | Time In: 0845 | Time Out 1045

Well Information

Well Diameter: 4 inches | Reference Point Marked: Yes (No)

Depth to Water 26.91 feet below T.O.C. | Well Depth: 30.14 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 3.23 ft
1 Well Volume= 0.13 gal
3 Well Volume= 0.39 gal
Total Purged 0.4 gal
Well Purge Dry (? yes/no

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 0930
Purge End Time: 1105
Total Time: 95 min
Purge Rate 0.0042 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# 7

Pump Tubing Type [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 11 Lamotte > Hanna

Calibration Date/Time: 12/6 @ 0745

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0945	0.15	18.2	0.32	5.26	—	—	813 AU	27.88
0955	0.30	18.6	0.26	5.40	—	—	34.9	29.25
1010	0.40	dry	dry	dry	—	—	dry	30.14/dry
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 30 feet below T.O.C | Final Groundwater Depth(if applic. Dry feet below T.O.C

Final Sample Turbidity: 14 NTUs | Ferrous Iron Concentration (if sampled): ~~dry~~ mg/L

Comments: resampled Metals w/ a turbidity of 2.58

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-13	VOC (8260B)	40 ml VOA vials	2	HCl	1048
MW-13	Total Cr + Pb	1-250 ml HDPE	~~1~~ 2	HNO3	1410

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-14D

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12-08-15

Comments: Cloudy, windy, cold Time In: 1310 Time Out 1555

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water 59.14 feet below T.O.C. Well Depth: 87.90 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 28.76 ft
1 Well Volume= 4.60 gal
3 Well Volume= 13.80 gal
Total Purged 8.00 gal
Well Purge Dry (? yes/no (no)

Purge Method (check): (X) Traditional Purge ( ) Tubing In-Screen Method

Purge Start Time: 1342
Purge End Time: 1410
Total Time: 28 min
Purge Rate: 0.29 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☒ Grundfos ☐ Peri. ID# P-3
Pump Tubing Type ☐ Teflon ☒ Teflon-Lined Poly. ☐ Polyethylene
Meter(s) Used ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#s 9, 7
Calibration Date/Time: 12-08-15 0740
Comments: Cal. OKay

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1402	5.0	20.3	639	7.39	~	~	3.48	82.28
1406	7.0	19.7	672	7.34	~	~	5.38	86.12
1410	8.0	well	went dry					
	Will	Collect sample when well recovers						
		Sampled at 1430, well went dry again,						
		Finished sampling at 1535						

Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☐ Straw Method ☒ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: ~ feet below T.O.C Final Groundwater Depth (if applic. ~ feet below T.O.C

Final Sample Turbidity: ~ NTUs Ferrous Iron Concentration (if sampled): ____ mg/L

Comments: Pumped MW-14D as slow as possible
not enough H2O to take turbidity readings

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW_14D	VOCs 8260B	40mL VOA	2	HCL	1430

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Daniel McCartha

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-16

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12-05-16

Comments: Time In: 1015 Time Out 1140

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes / No

Depth to Water 15.62 feet below T.O.C. Well Depth: 21.40 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 5.78 ft

1 Well Volume= 0.93 gal

3 Well Volume= 2.79 gal

Total Purged 3.0 gal

Well Purge Dry (? yes/no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1035

Purge End Time: 1115

Total Time: 41 min

Purge Rate: 0.07 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# P-8

Pump Tubing Type [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 9, 7

Calibration Date/Time: 12-05-16 1040

Comments: Cal. OK AT

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1052	1.00	18.0	1060	6.97	—	—	8.22	16.27
1104	1.75	18.8	1079	7.01	—	—	4.90	16.49
1109	2.25	18.9	1081	7.04	—	—	3.77	16.84
1114	2.75	18.5	1077	7.03	—	—	2.44	16.86
1116	3.00	18.9	1076	7.03	—	—	3.36	16.78
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 17.25 feet below T.O.C

Final Groundwater Depth (if applic.) 15.78 feet below T.O.C

Final Sample Turbidity: 3.36 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-16	VOCs 8260B	40 mL VOA	2	HCl	1120

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Daniel McCartha

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW17

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 5 Dec 16

Comments: Time In: 1155 Time Out 1556

Well Information

Well Diameter: 1" inches Reference Point Marked: (Yes) No

Depth to Water 22.84 feet below T.O.C. Well Depth: 25.85 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 3.01 ft
1 Well Volume= .12 gal
3 Well Volume= .36 gal
Total Purged 0.71 gal
Well Purge Dry (? (yes) no

Purge Method (check): ☒ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 1245
Purge End Time: 1325
Total Time: 40 min
Purge Rate: 0.018 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☒ Peri. ID# pump

Pump Tubing Type ☐ Teflon ☒ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#'s 6, 7

Calibration Date/Time: 5 Dec 16 1200

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1249	0.12	—	597	6.09	—	—	19.5	—
1256	0.24	—	574	6.14	—	—	18.7	—
1313	0.36	—	574	6.15	—	—	30.2	—
1325		well dry @ 0.71 gallons purged						
1550		→ sampled after recovery						
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☒ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: — feet below T.O.C

Final Groundwater Depth(if applic. — feet below T.O.C

Final Sample Turbidity: 15.8 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW17	VOCs	5 Glass	2	HCl	1545

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-21

Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12-08-16

Comments: Cold / cloudy Time In: 0850 Time Out: 0952

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water: 17.18 feet below T.O.C. Well Depth: 21.40 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 4.22 ft
1 Well Volume: 0.68 gal
3 Well Volume: 2.04 gal
Total Purged: 2.25 gal
Well Purge Dry (? yes/no): (no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 0905
Purge End Time: 0929
Total Time: 24 min
Purge Rate: 0.09 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# PINE

Pump Tubing Type: [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used: [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 92

Calibration Date/Time: 12-08-16 0740

Comments: Cal. Okay

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0914	0.75	17.2	323	6.02	—	—	1.99	17.58
0918	1.25	17.9	326	6.04	—	—	1.97	17.62
0923	1.75	17.8	323	6.07	—	—	1.77	17.62
0926	2.00	17.8	326	6.07	—	—	1.27	17.62
0929	2.25	18.1	323	6.05	—	—	1.79	17.63
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 17.8 feet below T.O.C Final Groundwater Depth (if applic.): 17.63 feet below T.O.C

Final Sample Turbidity: 1.79 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-21	VOCs 8260B	40 mL VOA	2	HCl	0935

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Daniel McCartha

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW23

Sampling Personnel Tony Gordon, Daniel McCarthy, Mark Wescott, Andy Jensen | Date: 8 Dec 16

Comments: | Time In: 0856 Time Out 1020

Well Information

Well Diameter: 2 inches | Reference Point Marked: (Yes) No

Depth to Water 13.67 feet below T.O.C. | Well Depth: 26.75 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 7.08 ft
1 Well Volume= 1.13 gal
3 Well Volume= 3.39 gal
Total Purged 3.5 gal
Well Purge Dry (? yes/no)

Purge Method (check): [X] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 0903
Purge End Time: 1013
Total Time: 70 min
Purge Rate: 0.05 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☒ Peri. ID# Peri

Pump Tubing Type: ☐ Teflon ☒ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used: ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#'s 8, 7

Calibration Date/Time: 8 Dec 16 0740

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0925	1.13	16.2	622	6.54	—	—	10.15	15.62
0948	2.26	16.8	658	6.77	—	—	1.17	15.62
1002	3.0	17.9	654	6.72	—	—	12.34	16.05
1008	3.25	18.8	656	6.76	—	—	14.30	16.41
1011	3.5	18.2	653	6.72	—	—	5.72	16.30
Stabilization Info:	N/A	(+/- 5%)	(+/- 0.1 SU)	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☒ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: 16.8 feet below T.O.C | Final Groundwater Depth (if applic. 16.30 feet below T.O.C

Final Sample Turbidity: 5.72 NTUs | Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW23	VOC	glass	2	HCl	1015

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

MW

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: 24

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 6 Dec 2016

Comments: Cold, clouds, rainy Time In: 1438 Time Out 1627

Well Information

Well Diameter: 2.0" inches Reference Point Marked: (Yes) No

Depth to Water 13.06 feet below T.O.C. Well Depth: 25.09 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 12.03 ft

1 Well Volume= 1.93 gal

3 Well Volume= 5.79 gal

Total Purged 5.80 gal

Well Purge Dry (? yes/no) no

Purge Method (check): [X] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1454

Purge End Time: 1621

Total Time: 87 min

Purge Rate: 0.07 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [X] Peri. ID# PZ-W E

Pump Tubing Type [ ] Teflon [X] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used: [X] Hanna 991300 [ ] YSI 556 [X] Lamotte 2020 ID#'s 9,7

Calibration Date/Time: 6 Dec 0730

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1527	2.0	19.1	332	6.04	—	—	12.54	18.29
1557	4.0	19.4	332	5.98	—	—	3.26	21.11
1612	5.0	19.4	327	6.08	—	—	13.9	22.75
1617	5.5	19.6	330	6.11	—	—	19.0	23.10
1621	5.8	19.8	331	6.09	—	—	5.64	23.24

Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [X] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: ~~23.05~~ feet below T.O.C

Final Groundwater Depth (if applic.) 23.24 feet below T.O.C

Final Sample Turbidity: 5.64 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments: Final tubing depth 23.56'

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
mw-24	VOCs 8260B	40 mL VOA	2	HCl	1630
mw-24 Dup.	" "	" "	2	HCl	1630

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW25D

Sampling Personnel Tony Gordon, Daniel McCarthy, Mark Wescott, Andy Jensen Date: 9 Dec 16

Comments: Time In: 0915 Time Out 1005

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes No

Depth to Water 26.05 feet below T.O.C. Well Depth: 48.08 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 22.03 ft
1 Well Volume= 3.52 gal
3 Well Volume= 10.57 gal
Total Purged 11.0 gal
Well Purge Dry (? yes/no)

Purge Method (check): ☑ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 0940
Purge End Time: 0955
Total Time: 50 min
Purge Rate: 0.22 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☐ Peri. ID# P3

Pump Tubing Type: ☐ Teflon ☑ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used: ☑ Hanna 991300 ☐ YSI 556 ☑ Lamotte 2020 ID#'s 8, 11

Calibration Date/Time: 9 Dec 16 0740

Comments: Pump at lowest pass rate.

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0920	4.0	14.2	259	6.62	—	—	72.0	26.75
0940	7.0	15.3	254	5.78	—	—	19.4	26.96
0945	9.0	16.6	255	5.81	—	—	12.7	26.88
0950	10.00	18.1	254	5.80	—	—	8.88	26.82
0955	11.0	18.0	254	5.81	—	—	7.84	26.72
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☐ Straw Method ☑ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: 27.5' feet below T.O.C

Final Groundwater Depth(if applic. 26.72 feet below T.O.C

Final Sample Turbidity: 7.84 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW25D	VOCs	Glass	2	HCl	1000

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: mw-26

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12-05-16

Comments: Time In: 1340 Time Out 1530

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water 14.82 feet below T.O.C. Well Depth: 24.25 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 9.43 ft

1 Well Volume= 1.51 gal

3 Well Volume= 4.53 gal

Total Purged 3.15 gal

Well Purge Dry (?) yes/no

Purge Method (check): ☑ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 1358

Purge End Time: 1458

Total Time: 60 min

Purge Rate: 0.05 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☑ Peri. ID# P-8

Pump Tubing Type: ☐ Teflon ☑ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used: ☑ Hanna 991300 ☐ YSI 556 ☑ Lamotte 2020 ID#s 9,7

Calibration Date/Time: 12-05-16 1040

Comments: Cal. OKay

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1416	1.5	16.4	930	6.63	—	—	2.16	21.04
1438	2.5	15.7	930	6.72	—	—	1.62	22.85
1452	3.0	16.4	882	6.86	—	—	1.47	24.17
1458	3.15	well	went	dry				
1510	—	17.0	874	6.89	—	—	4.71	—
	Last reading was taken			before sampling				

Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☑ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: — feet below T.O.C Final Groundwater Depth (if applic. — feet below T.O.C

Final Sample Turbidity: 4.71 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
mw-26	VOCs 8260B	40 mL VOA	2	HCl	1510

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Daniel McCartha

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-28D

Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/7/2014

Comments: Good condition well | Time In: 0930 | Time Out 1040

Well Information

Well Diameter: 2.0 inches | Reference Point Marked: (Yes) No

Depth to Water 19.04 feet below T.O.C. | Well Depth: 32.53 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 13.49 ft

1 Well Volume= 2.2 gal

3 Well Volume= 6.6 gal

Total Purged 6.6 gal

Well Purge Dry (? yes (no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 0935

Purge End Time: 1030

Total Time: ~~A955~~ 55 min

Purge Rate: 0.08 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [X] Peri. ID# P-2

Pump Tubing Type: [ ] Teflon [X] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used: [X] Hanna 991300 [ ] YSI 556 [X] Lamotte 2020 ID#'s 1/3

Calibration Date/Time: 12/7/14

Comments: First 1.5 gal. very turbid / clear afterwards

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. mS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0950	1.5	19.2°	0.41	5.36	—	—	3.26	19.60
0953	2.0	20.0°	0.41	5.86	—	—	3.35	19.61
1001	3.0	20.2°	0.41	5.90	—	—	3.66	19.60
1010	4.0	20.4°	0.41	5.87	—	—	2.94	19.60
1018	5.0	20.5°	0.41	5.89	—	—	1.91	19.60
1026	6.0	20.5°	0.41	5.89	—	—	1.31	19.60
1030	6.6	20.6°	0.41	5.90	—	—	1.35	19.60
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [X] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 20.0 feet below T.O.C | Final Groundwater Depth (if applic. 19.60 feet below T.O.C

Final Sample Turbidity: 1.35 NTUs | Ferrous Iron Concentration (if sampled): NA mg/L

Comments: clear sample, no odor, @ 0.56 FT Drawdown during purging

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-28D	VOC's (8260B)	Glass 40 mL Vials	2	HCL	1030

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony Gordon

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-29
Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12/7/16
Comments: Good condition Time In: 1100 Time Out 1300

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No
Depth to Water 13.53 feet below T.O.C. Well Depth: 30.02 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 6.49 ft
1 Well Volume= 1.0 gal
3 Well Volume= 3.0 gal
Total Purged 1.6 gal
Well Purge Dry (?) yes/no

Purge Method (check): [X] Traditional Purge [ ] Tubing In-Screen Method
Purge Start Time: ~~0908~~ 1130
Purge End Time: 1222
Total Time: 52 min
Purge Rate: <0.01 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [X] Peri. ID# P-6
Pump Tubing Type [ ] Teflon [X] Teflon-Lined Poly. [ ] Polyethylene
Meter(s) Used: [X] Hanna 991300 [ ] YSI 556 [X] Lamotte 2020 ID#'s 15
Calibration Date/Time: 0915 12/7/16
Comments: Initial turb. water ~~removed~~ removed from bottom well purged dry

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1146	0.5	20.0°	0.54	6.53	—	—	15.6	16.02
1203	1.0	20.2°	0.52	6.52	—	—	12.63	17.50
1220	1.5	20.1°	0.52	6.52	—	—	10.14	19.83
1222	1.6	Dry	Dry	Dry	—	—	Dry	~20.0
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [X] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other
Final Tubing/Pump Depth: 19.50 feet below T.O.C
Final Groundwater Depth(if applic. 19.40 feet below T.O.C
Final Sample Turbidity: 8.00 NTUs
Ferrous Iron Concentration (if sampled): NA mg/L
Comments: clear sample, fuel odor (Gasoline?)

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-29	VOC's (8260B)	40ml VOA vial	2	HCL	1250
MW-29	Total Cr & Pb (6010C)	250 mL HDPE	1	HNO3	1250

Sample Laboratory (circle): ACL/~~Xenco/AES~~/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony Gordon

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-30

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12/7/16

Comments: Time In: 11:10 Time Out 1250

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes (No)

Depth to Water 14.27 feet below T.O.C. Well Depth: 26.35 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 12.08 ft
1 Well Volume= 1.93 gal
3 Well Volume= 5.79 gal
Total Purged 6 gal
Well Purge Dry (? yes/(no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1130
Purge End Time: 1240
Total Time: 70 min
Purge Rate: 0.0857 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# 7
Pump Tubing Type [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene
Meter(s) Used [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 3, 11
Calibration Date/Time: 12/7 @ 09:15
Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1141	1	21.1	0.62	6.24	—	—	78	18.53
1150	2	19.6	0.60	6.21	—	—	90	18.57
1200	3	19.2	0.61	6.29	—	—	9	19.02
1213	4	19.3	0.62	6.26	—	-	20.3	18.91
1229	5	19.5	0.61	6.26	—	-	29.7	19.31
1240	6	19.0	0.61	6.37	—	—	17.0	19.43
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 19.13 feet below T.O.C Final Groundwater Depth (if applic. 19.43 feet below T.O.C

Final Sample Turbidity: 17 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-30	VOC (8260B)	40 ml VOA vials	2	HCl	1240

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-3I

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 12/6/16

Comments: Adrian Teal | Time In: 0859 | Time Out 1009

Well Information

Well Diameter: 2 inches | Reference Point Marked: (Yes) No

Depth to Water 26.57 feet below T.O.C. | Well Depth: 28.55 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 1.98 ft

1 Well Volume= 0.32 gal

3 Well Volume= 0.95 gal

Total Purged 0.55 gal

Well Purge Dry (?) yes/no

Purge Method (check): ☑ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 0923

Purge End Time: 0942

Total Time: 19 min

Purge Rate: 0.029 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☒ Peri. ID# pine

Pump Tubing Type ☐ Teflon ☒ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used ☒ Hanna 991300 ☐ YSI 556 ☒ Lamotte 2020 ID#'s 113

Calibration Date/Time: 12/6/16 0915

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0935	0.33	19.2	0.27	5.63	—	—	68.7	28.19
0940	0.56	18.5	0.27	5.67	—	—	60.7	28.22
0942	0.55	dry	dry	dry	—	—	dry	dry
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☒ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: 28 feet below T.O.C

Final Groundwater Depth (if applic. —) feet below T.O.C

Final Sample Turbidity: — NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-3I	VOC (8260B)	40 ml VOA vials	2	HCl	0953

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: J. Abel

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW 32

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 6 Dec 16

Comments: Time In: 1330 Time Out 1505

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water 26.65 feet below T.O.C. Well Depth: 30.80 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 4.12 ft
1 Well Volume= .66 gal
3 Well Volume= 1.98 gal
Total Purged 2.4 gal
Well Purge Dry (? yes/no)

Purge Method (check): [X] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1252
Purge End Time: 1455
Total Time: 126 min
Purge Rate: 0.02 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [X] Peri. ID# pinc

Pump Tubing Type: [ ] Teflon [X] Teflon-lined Poly. [ ] Polyethylene

Meter(s) Used: [X] Hanna 991300 [ ] YSI 556 [X] Lamotte 2020 ID#'s 8, 7

Calibration Date/Time: 6 Dec 16 0745

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1333	.66	15.3	258	5.91	—	—	57	28.64
1410	1.32	14.8	261	6.06	—	—	4.27	28.36
1433	1.6	16.6	283	5.56	—	—	1.39	30.37
1437	1.8	17.0	268	5.87	—	—	1.11	30.38
1441	2.0	17.1	266	6.03	—	—	2.44	30.35
1444	2.2	16.6	270	6.05	—	—	1.14	30.36
1448	2.4	16.1	276	6.08	—	—	0.66	30.38
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [X] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 30.50 feet below T.O.C Final Groundwater Depth(if applic. 30.38 feet below T.O.C

Final Sample Turbidity: 0.66 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW32	VOCs	5 kits	2	HCl	1500

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project #: 1396-1601-2 Well No.: mw-34D

Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12-06-16

Comments: Time In: 1205 Time Out 1408

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water: 12.64 feet below T.O.C. Well Depth: 43.90 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 31.26 ft

1 Well Volume= 5.00 gal

3 Well Volume= 15.00 gal

Total Purged 15.25 gal

Well Purge Dry (? yes/no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1228

Purge End Time: 1334

Total Time: 66 min

Purge Rate: 0.23 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [x] Grundfos [ ] Peri. ID# P-9

Pump Tubing Type: [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used: [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 97

Calibration Date/Time: 12-06-16 0730

Comments: Cal. on 07

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1251	5.00	17.8	617	6.26	—	—	0.86	13.29
1309	10.00	18.7	602	6.24	—	—	0.75	13.24
1319	12.00	18.9	601	6.30	—	—	0.73	13.24
1328	14.00	18.7	595	6.30	—	—	0.65	13.25
1332	15.25	19.0	594	6.31	—	—	0.85	13.25
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [ ] Straw Method [x] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 14.50 feet below T.O.C

Final Groundwater Depth(if applic.: 13.25 feet below T.O.C

Final Sample Turbidity: 0.85 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
mw-34D	VOCs 8260B	40 mL VOA	2	HCl	1340

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-38

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12/8

Comments: Time In: 1250 Time Out 1420

Well Information

Well Diameter: 2 inches Reference Point Marked: Yes (No)

Depth to Water 10.89 feet below T.O.C. Well Depth: 18.55 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 7.66 ft
1 Well Volume= 1.2 gal
3 Well Volume= 3.6 gal
Total Purged 3.7 gal
Well Purge Dry (? yes/no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1310
Purge End Time: 1405
Total Time: 55 min
Purge Rate: 0.0672 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [x] Peri. ID# 7

Pump Tubing Type: [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used: [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s Hanna 3 Lamotte 11

Calibration Date/Time: 12/8 @ 0800

Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1317	.5	18.6	0.50	6.25	—	—	129	12.68
1323	1	18.8	0.51	6.33	—	—	51.7	12.79
1328	1.5	19.3	0.49	6.30	—	—	57	13.13
1339	2	19.5	0.48	6.27	—	—	66.3	13.61
1344	2.5	19.8	0.47	6.25	—	—	115	14.03
1352	3	19.2	0.48	6.25	—	—	27.6	13.95
1405	3.7	18.2	0.49	6.26	—	—	10.47	12.65
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [x] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 12.9 feet below T.O.C

Final Groundwater Depth (if applic. 12.65 feet below T.O.C

Final Sample Turbidity: 7.41 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-38	VOC (8260B)	40 ml VOA vials	2	HCl	1410

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method: Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-40

Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12/5/2016

Comments: Good Condition Well Time In: 1130 Time Out 1310

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water: 11.61 feet below T.O.C. Well Depth: 23.63 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 11.98 ft
1 Well Volume= 2.0 gal
3 Well Volume= 6.0 gal
Total Purged 6.0 gal
Well Purge Dry (? yes (no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1140
Purge End Time: 1300
Total Time: 80 min
Purge Rate: 0.075 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☑ Peri. ID# P-6

Pump Tubing Type ☐ Teflon ☑ Teflon-Lined Poly. ☐ Polyethylene

Meter(s) Used ☑ Hanna 991300 ☐ YSI 556 ☑ Lamotte 2020 ID#s 1/2

Calibration Date/Time: 0945 12/5/2016

Comments: Clear purge water

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. mS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1200	1.0	20.2°	0.66	6.02	—	—	20	11.91
1215	2.0	20.5°	0.64	6.05	—	—	9.55	11.99
1228	3.0	21.0°	0.64	6.07	—	—	7.38	12.13
1238	4.0	20.8°	0.63	6.07	—	—	10.44	12.19
1250	5.0	20.7°	0.63	6.07	—	—	6.45	12.20
1300	6.0	20.3°	0.63	6.07	—	—	5.94	12.21
Stabilization Info:		N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☑ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: 12.50 feet below T.O.C

Final Groundwater Depth (if applic.: 12.21 feet below T.O.C

Final Sample Turbidity: 5.49 NTUs

Ferrous Iron Concentration (if sampled): NA mg/L

Comments: Clear sample water, no odor, @ 0.54 FT Drawdown during purging

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-40	VOC's (8260B)	Glass VOA Vial (40 mL)	2	HCL	1350

Sample Laboratory (circle): ACL/Xenco (AES)/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Tony J Gordon

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW-41

Sampling Personnel: (Tony Gordon), Daniel McCartha, Mark Wescott, (Andy Jensen) | Date: 12/5/2016

Comments: Good Condition well | Time In: 1020 | Time Out 1120

Well Information

Well Diameter: 2.0 inches | Reference Point Marked: (Yes) No

Depth to Water: 9.31 feet below T.O.C. | Well Depth: 13.18 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 3.87 ft
1 Well Volume= 0.61 gal
3 Well Volume= 1.83 gal
Total Purged 1.5 gal
Well Purge Dry (?) (yes) / no

Purge Method (check): ☑ Traditional Purge ☐ Tubing In-Screen Method

Purge Start Time: 1020
Purge End Time: 1050
Total Time: 30 min
Purge Rate: 0.05 gpm

Purging Equipment and Calibration Information

Bailer: ☐ Teflon ☐ Poly. Pump: ☐ Grundfos ☑ Peri. ID# P-6
Pump Tubing Type: ☐ Teflon ☑ Teflon-Lined Poly. ☐ Polyethylene
Meter(s) Used: ☑ Hanna 991300 ☐ YSI 556 ☑ Lamotte 2020 ID#'s 1/3
Calibration Date/Time: 0945 12/5/2016
Comments: Purge Dry, clear purge water

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. mS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1040	1.0	20.5°	0.52	5.59	—	—	10.59	12.40
1050	1.5	Dry	Dry	Dry	—	—	Dry	13.30
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): ☐ Bailer ☑ Straw Method ☐ Pump Tubing ☐ Vacuum Jug ☐ Other

Final Tubing/Pump Depth: 13.30 feet below T.O.C | Final Groundwater Depth (if applic.) 13.30 feet below T.O.C

Final Sample Turbidity: 6.52 NTUs | Ferrous Iron Concentration (if sampled): NA mg/L

Comments: Clear sample, no odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-41	VOCs (8260B)	VOA Vial (Glass) (40ml)	2	HCL	1116

Sample Laboratory (circle): ACL/Xenco/(AES)/TA/Other | Delivery Method: (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature: Tony J Gordon

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-42

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12-06-16

Comments: Time In: 0840 Time Out 1020

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water 34.00 feet below T.O.C. Well Depth: 55.15 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 21.15 ft
1 Well Volume= 3.38 gal
3 Well Volume= 10.152 gal
Total Purged 13.50 gal
Well Purge Dry (? yes/no)

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 0858
Purge End Time: 1008
Total Time: 70 min
Purge Rate: 0.19 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [x] Grundfos [ ] Peri. ID# P-2
Pump Tubing Type [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene
Meter(s) Used [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 97
Calibration Date/Time: 12-06-16 0730
Comments: Cal. chkd

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0908	3.75	18.0	247	4.93	—	—	27.6	39.22
0920	6.00	18.1	199	5.81	—	—	59.6	41.38
0928	8.00	18.6	352	6.00	—	—	32.8	42.61
0937	9.50	18.7	388	5.91	—	—	13.7	43.84
0942	10.50	19.3	374	5.96	—	—	39.7	43.99
0950	11.50	19.5	333	6.15	—	—	11.94	44.00
0959	12.50	19.3	344	6.12	—	—	12.08	44.03
1008	13.50	19.0	338	6.13	—	—	5.36	44.05
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [ ] Straw Method [x] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 45.5 feet below T.O.C Final Groundwater Depth(if applic. 44.05 feet below T.O.C

Final Sample Turbidity: 5.36 NTUs Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-42	VOCs 8260B	40 mL VOA	2	HCl	1009

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature:

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years | Project # 1396-1601-2 | Well No.: MW43
Sampling Personnel: Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen | Date: 6 Dec 16
Comments: | Time In: 0925 | Time Out 1050

Well Information

Well Diameter: 2 inches 2.0" | Reference Point Marked: (Yes) No
Depth to Water 26.50 feet below T.O.C. | Well Depth: 35.85 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 9.35 ft
1 Well Volume= 1.5 gal
3 Well Volume= 4.5 gal
Total Purged 5.75 gal
Well Purge Dry (? yes/no) no

Purge Method (check): [X] Traditional Purge [ ] Tubing In-Screen Method
Purge Start Time: 0926
Purge End Time: 1042
Total Time: 77 min
Purge Rate: 0.075 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [X] Peri. ID# Pmw
Pump Tubing Type: [ ] Teflon [X] Teflon-Lined Poly. [ ] Polyethylene
Meter(s) Used: [X] Hanna 991300 [ ] YSI 556 [X] Lamotte 2020 ID#'s 9, 7
Calibration Date/Time: 6 Dec 0730
Comments:

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0926	1.5	17.1	404	6.19	—	—	1.40	28.94
1012	3.0	17.4	396	6.12	—	—	0.72	27.40
1025	4.75	17.7	402	6.19	—	—	1.09	27.14
1034	5.0	17.7	396	6.07	—	—	1.13	27.14
1039	5.50	19.3	404	6.06	—	—	1.44	27.14
1042	5.75	19.7	402	6.05	—	—	1.16	27.14
Stabilization Info:	N/A	+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----	

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [X] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other
Final Tubing/Pump Depth: 27.25 feet below T.O.C | Final Groundwater Depth(if applic.) 27.14 feet below T.O.C
Final Sample Turbidity: 2 NTUs | Ferrous Iron Concentration (if sampled): — mg/L
Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW43	VOCs	9 VOA	2	HCl	1050

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other | Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: [signature]

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-44D

Sampling Personnel Tony Gordon, Daniel McCartha, Mark Wescott, Andy Jensen Date: 12-09-16

Comments: Cold, Sunny Time In: 0800 Time Out 1220

Well Information

Well Diameter: 2 inches Reference Point Marked: (Yes) No

Depth to Water 145.98 feet below T.O.C. Well Depth: 201.95 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 55.97 ft

1 Well Volume=8.96 gal

3 Well Volume=26.88 gal

Total Purged 28.0 gal

Well Purge Dry (? yes/(no))

Purge Method (check): [x] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 1050

Purge End Time: 1124

Total Time: 34 min

Purge Rate: 0.82 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [x] Grundfos [ ] Peri. ID# P-2

Pump Tubing Type [ ] Teflon [x] Teflon-Lined Poly. [ ] Polyethylene

Meter(s) Used [x] Hanna 991300 [ ] YSI 556 [x] Lamotte 2020 ID#'s 92

Calibration Date/Time: 12-09-16 0740

Comments: Cal. okay

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. µS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
1104	10.0	15.5	418	6.43	—	—	1.73	148.34
1114	20.0	18.2	419	6.53	—	—	1.04	148.33
1118	23.0	18.0	417	6.55	—	—	1.45	148.33
1122	26.0	18.3	418	6.55	—	—	0.96	148.32
1124	28.0	18.2	419	6.54	—	—	0.91	148.31
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [ ] Straw Method [x] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 153 feet below T.O.C

Final Groundwater Depth(if applic) 148.31 feet below T.O.C

Final Sample Turbidity: 0.91 NTUs

Ferrous Iron Concentration (if sampled): — mg/L

Comments:

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-44D	VOCs 8260B	40 mL VOA	2	HCl	1130

Sample Laboratory (circle): ACL/Xenco/AES/TA/Other Delivery Method Hand Delivery/Fed-Ex/UPS/Other

Field Personnel Signature: Daniel McCartha

AEM Groundwater Sampling Field Log

AEM Project: Welcome Years Project # 1396-1601-2 Well No.: MW-45

Sampling Personnel: (Tony Gordon), Daniel McCartha, Mark Wescott, Andy Jensen Date: 12/6/16

Comments: Good Condition Time In: 0920 Time Out 1115

Well Information

Well Diameter: 2.0 inches Reference Point Marked: (Yes) No

Depth to Water 26.32 feet below T.O.C. Well Depth: 33.05 feet below T.O.C.

0.04 gal/ft in 1-inch-ID well
0.16 gal/ft in 2-inch-ID well
0.65 gal/ft in 4-inch-ID well

Purging Information

Water Column: 6.73 ft
1 Well Volume= 1.1 gal
3 Well Volume= 3.3 gal
Total Purged 3.3 gal
Well Purge Dry (? yes (no)

Purge Method (check): [✓] Traditional Purge [ ] Tubing In-Screen Method

Purge Start Time: 0940
Purge End Time: 1059
Total Time: 69 min
Purge Rate: 0.05-0.10 gpm

Purging Equipment and Calibration Information

Bailer: [ ] Teflon [ ] Poly. Pump: [ ] Grundfos [✓] Peri. ID# MW
Pump Tubing Type: [ ] Teflon [✓] Teflon-Lined Poly. [ ] Polyethylene
Meter(s) Used: [✓] Hanna 991300 [ ] YSI 556 [✓] Lamotte 2020 ID#'s 1/5
Calibration Date/Time: 0915 12/6/16
Comments: clear purge water, no odor

Groundwater Field Parameters

Time	Gallons Purged	Temp. Deg. Cel	Cond. mS/cm	pH SU	Dissolved Oxygen mg/L	ORP mV	Turbidity NTUs	Water Level ft. from TOC
0958	0.5	19.0°	0.14	5.59	—	—	6.31	26.60
1010	1.0	19.6°	0.13	5.54	—	—	2.94	26.65
1021	1.5	19.5°	0.14	5.53	—	—	2.01	26.70
1032	2.0	19.5°	0.14	5.52	—	—	1.28	26.75
1043	2.5	19.6°	0.14	5.52	—	—	1.14	26.78
1052	3.0	19.9°	0.14	5.53	—	—	1.20	26.78
1059	3.3	19.9°	0.14	5.52	—	—	1.98	26.78
Stabilization Info:	N/A		+/- 5%	+/- 0.1 SU	-----	-----	<10 NTUs	-----

Sample Collection Parameters

Sample Collection Method (check all): [ ] Bailer [✓] Straw Method [ ] Pump Tubing [ ] Vacuum Jug [ ] Other

Final Tubing/Pump Depth: 27.0 feet below T.O.C Final Groundwater Depth (if applic. 26.78 feet below T.O.C

Final Sample Turbidity: 1.98 NTUs Ferrous Iron Concentration (if sampled): NA mg/L

Comments: MS/MSD Sample, clear sample, no odor

Laboratory Analytical Information

Sample ID	Analysis	Container	Qty.	Preservative	Time Sampled
MW-45	VOC's (8260B)	4-40ml VOA Vials	4	HCL	1100

Sample Laboratory (circle): ACL/Xenco/(AES)/TA/Other Delivery Method (Hand Delivery)/Fed-Ex/UPS/Other

Field Personnel Signature: Tony J Gordon

ATTACHMENT B

December 2016 Laboratory Analytical Reports

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 19, 2016

Leona Miles
Atlanta Environmental Management
2580 NE Expressway
Atlanta GA 30345

TEL: (404) 329-9006
FAX: (404) 329-2057

RE: VLP2 - Welcome Years

Dear Leona Miles: Order No: 1612A86

Analytical Environmental Services, Inc. received 20 samples on 12/9/2016 5:05:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Ioana Pacurar

Ioana Pacurar
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1612486

Date: 12/9/16 Page 1 of 2

COMPANY: Atlanta Environmental Management (AEM)

ADDRESS: 2580 NE Expressway Atlanta, GA 30341

PHONE: (404) 329-9006

FAX: (404) 329-2057

SAMPLED BY: Daniel McCartha

SIGNATURE: Daniel McCartha

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs (8260B)	Total Cr, Pb (6010C)	PRESERVATION (See codes) H/I	PRESERVATION (See codes) N/H	REMARKS	No # of Containers
1	Equipment Blank	12/8/16	0900	X		W			2			2
2	MW-23	12/8/16	1015	X		GW			2			2
3	MW-8	12/8/16	1000	X		GW			2			2
4	MW-9	12/8/16	1150	X		GW			2	1		3
5	MW-5	12/8/16	1100	X		GW			2			2
6	MW-21 (MW-21)	12/8/16	0935	X		GW			2			2
7	MW-6	12/8/16	1200	X		GW			2			2
8	MW-11	12/8/16	1335	X		GW			2	1		3
9	MW-11 Dup	12/8/16	1340	X		GW			2	1		3
10	MW-7	12/8/16	1140	X		GW			2			2
11	MW-7 Dup	12/8/16	1145	X		GW			2			2
12	MW-14D	12/8/16	1430	X		GW			2			2
13	MW-25D	12/9/16	1000	X		GW			2			2
14	MW-32	12/8/16	1500	X		GW			2			2

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
Daniel McCartha	12-09-16 1705	1:	12/9/16 1705
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: VLP2 - Welcome Years

PROJECT #: 1396-1601-2

SITE ADDRESS: 14th street at Howell Mill Rd Atlanta, GA

SEND REPORT TO: Leona Miles

INVOICE TO: leona-miles@aem-net.com (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers: 31

Turnaround Time Request

- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other

STATE PROGRAM (if any): HSRA/VLP

E-mail? Fax?

DATA PACKAGE: I ○ II ● III ○ IV ○

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD:

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY. IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

AES

CHAIN OF CUSTODY

Work Order: 1612486

Date: 12/9/16 Page 2 of 2

COMPANY: Atlanta Environmental Management, Inc. (AEM)	ADDRESS: 2580 NE Expressway Atlanta, GA 30345
PHONE: (404) 329-9006	FAX: (404) 329-5027
SAMPLED BY: Daniel McCartha	SIGNATURE: Dan McCartha

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) H/I	PRESERVATION (See codes) N/I	No # of Containers	REMARKS
1	MW-38	12/8/16	1410	X		GW	2		2	
2	MW-44D	12/9/16	1130	X		GW	2		2	
3										
4	TRIP BLANK	—	—	X		W	2		2	
5	Drum #1	12/9/16	1202	X		GW	2		2	
6	Drum #2	12/9/16	1204	X		GW	2		2	
7	Drum #3	12/9/16	1206	X		GW	2		2	
8										
9										
10										
11										
12										
13										
14										

ANALYSIS REQUESTED: VOC's (8260B); Total Cr, Pb (6010C)

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1: Dan McCartha	12-09-16 1705	1: [signature]	12/9/16 1705
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION

PROJECT NAME: VLP2- New Welcome Years
PROJECT #: 1396-1601-2
SITE ADDRESS: 14 st. at Howell Mill Rd.
SEND REPORT TO: Leona Miles
INVOICE TO: Leona-miles@aem-net.com
(IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 6

Turnaround Time Request
- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): HSRA / VRP
E-mail? Fax?
DATA PACKAGE: I ○ II ● III ○ IV ○

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY. IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	EQUIPMENT BLANK
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 9:00:00 AM
Lab ID:	1612A86-001	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/14/2016 21:18	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
2-Butanone	BRL	10		ug/L	234864	1	12/14/2016 21:18	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/14/2016 21:18	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/14/2016 21:18	NP
Acetone	BRL	20		ug/L	234864	1	12/14/2016 21:18	NP
Benzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/14/2016 21:18	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/14/2016 21:18	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/14/2016 21:18	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/14/2016 21:18	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/14/2016 21:18	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/14/2016 21:18	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	EQUIPMENT BLANK
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 9:00:00 AM
Lab ID:	1612A86-001	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	234864	1	12/14/2016 21:18	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/14/2016 21:18	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Styrene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Tetrachloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Toluene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/14/2016 21:18	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/14/2016 21:18	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/14/2016 21:18	NP
Surr: 4-Bromofluorobenzene	91.2	66.1-129		%REC	234864	1	12/14/2016 21:18	NP
Surr: Dibromofluoromethane	112	83.6-123		%REC	234864	1	12/14/2016 21:18	NP
Surr: Toluene-d8	97.7	81.8-118		%REC	234864	1	12/14/2016 21:18	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-23
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 10:15:00 AM
Lab ID:	1612A86-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 05:04	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 05:04	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 05:04	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 05:04	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 05:04	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 05:04	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 05:04	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 05:04	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 05:04	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 05:04	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 05:04	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-23
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 10:15:00 AM
Lab ID:	1612A86-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 05:04	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 05:04	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Tetrachloroethene	26	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 05:04	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 05:04	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 05:04	NP
Surr: 4-Bromofluorobenzene	88.5	66.1-129		%REC	234864	1	12/15/2016 05:04	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234864	1	12/15/2016 05:04	NP
Surr: Toluene-d8	97.2	81.8-118		%REC	234864	1	12/15/2016 05:04	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-8
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 10:00:00 AM
Lab ID:	1612A86-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 05:27	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 05:27	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 05:27	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 05:27	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 05:27	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 05:27	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 05:27	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 05:27	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 05:27	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 05:27	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 05:27	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-8
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 10:00:00 AM
Lab ID:	1612A86-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 05:27	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 05:27	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Tetrachloroethene	12	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 05:27	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 05:27	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 05:27	NP
Surr: 4-Bromofluorobenzene	87.1	66.1-129		%REC	234864	1	12/15/2016 05:27	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234864	1	12/15/2016 05:27	NP
Surr: Toluene-d8	97.9	81.8-118		%REC	234864	1	12/15/2016 05:27	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-9
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 11:50:00 AM
Lab ID:	1612A86-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 05:51	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 05:51	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 05:51	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 05:51	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 05:51	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 05:51	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 05:51	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Chloroform	3.1	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 05:51	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 05:51	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 05:51	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 05:51	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-9
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 11:50:00 AM
Lab ID:	1612A86-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 05:51	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 05:51	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Tetrachloroethene	18	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 05:51	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 05:51	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 05:51	NP
Surr: 4-Bromofluorobenzene	89.8	66.1-129		%REC	234864	1	12/15/2016 05:51	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234864	1	12/15/2016 05:51	NP
Surr: Toluene-d8	98	81.8-118		%REC	234864	1	12/15/2016 05:51	NP
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	234820	1	12/15/2016 19:40	JL
Lead	BRL	0.0100		mg/L	234820	1	12/15/2016 19:40	JL

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-5
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 11:00:00 AM
Lab ID:	1612A86-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 06:14	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 06:14	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 06:14	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 06:14	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 06:14	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 06:14	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 06:14	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 06:14	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 06:14	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 06:14	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 06:14	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-5
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 11:00:00 AM
Lab ID:	1612A86-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 06:14	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 06:14	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Tetrachloroethene	51	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 06:14	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 06:14	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 06:14	NP
Surr: 4-Bromofluorobenzene	89.6	66.1-129		%REC	234864	1	12/15/2016 06:14	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234864	1	12/15/2016 06:14	NP
Surr: Toluene-d8	96.7	81.8-118		%REC	234864	1	12/15/2016 06:14	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-21
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 9:35:00 AM
Lab ID:	1612A86-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 06:37	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 06:37	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 06:37	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 06:37	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 06:37	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 06:37	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 06:37	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Chloroform	2.5	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 06:37	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 06:37	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 06:37	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 06:37	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-21
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 9:35:00 AM
Lab ID:	1612A86-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 06:37	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 06:37	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Tetrachloroethene	36	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 06:37	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 06:37	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 06:37	NP
Surr: 4-Bromofluorobenzene	89.6	66.1-129		%REC	234864	1	12/15/2016 06:37	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234864	1	12/15/2016 06:37	NP
Surr: Toluene-d8	98.8	81.8-118		%REC	234864	1	12/15/2016 06:37	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-6
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 12:00:00 PM
Lab ID:	1612A86-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 07:00	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 07:00	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 07:00	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 07:00	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 07:00	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 07:00	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 07:00	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 07:00	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 07:00	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 07:00	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 07:00	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-6
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 12:00:00 PM
Lab ID:	1612A86-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 07:00	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 07:00	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Tetrachloroethene	89	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 07:00	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 07:00	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 07:00	NP
Surr: 4-Bromofluorobenzene	88.7	66.1-129		%REC	234864	1	12/15/2016 07:00	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234864	1	12/15/2016 07:00	NP
Surr: Toluene-d8	97.3	81.8-118		%REC	234864	1	12/15/2016 07:00	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-11
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 1:35:00 PM
Lab ID:	1612A86-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/14/2016 22:03	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
2-Butanone	BRL	10		ug/L	234864	1	12/14/2016 22:03	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/14/2016 22:03	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/14/2016 22:03	NP
Acetone	BRL	20		ug/L	234864	1	12/14/2016 22:03	NP
Benzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/14/2016 22:03	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/14/2016 22:03	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/14/2016 22:03	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/14/2016 22:03	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/14/2016 22:03	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/14/2016 22:03	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-11
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 1:35:00 PM
Lab ID:	1612A86-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	234864	1	12/14/2016 22:03	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/14/2016 22:03	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Styrene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Tetrachloroethene	200	10		ug/L	234864	10	12/14/2016 22:27	NP
Toluene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/14/2016 22:03	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/14/2016 22:03	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/14/2016 22:03	NP
Surr: 4-Bromofluorobenzene	87.7	66.1-129		%REC	234864	1	12/14/2016 22:03	NP
Surr: 4-Bromofluorobenzene	90.8	66.1-129		%REC	234864	10	12/14/2016 22:27	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234864	1	12/14/2016 22:03	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234864	10	12/14/2016 22:27	NP
Surr: Toluene-d8	97	81.8-118		%REC	234864	1	12/14/2016 22:03	NP
Surr: Toluene-d8	98.7	81.8-118		%REC	234864	10	12/14/2016 22:27	NP
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	234820	1	12/15/2016 19:43	JL
Lead	BRL	0.0100		mg/L	234820	1	12/15/2016 19:43	JL

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-11 DUP
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 1:40:00 PM
Lab ID:	1612A86-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/14/2016 23:37	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
2-Butanone	BRL	10		ug/L	234864	1	12/14/2016 23:37	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/14/2016 23:37	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/14/2016 23:37	NP
Acetone	BRL	20		ug/L	234864	1	12/14/2016 23:37	NP
Benzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/14/2016 23:37	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/14/2016 23:37	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/14/2016 23:37	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/14/2016 23:37	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/14/2016 23:37	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/14/2016 23:37	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-11 DUP
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 1:40:00 PM
Lab ID:	1612A86-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	234864	1	12/14/2016 23:37	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/14/2016 23:37	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Styrene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Tetrachloroethene	210	10		ug/L	234864	10	12/15/2016 00:01	NP
Toluene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/14/2016 23:37	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/14/2016 23:37	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/14/2016 23:37	NP
Surr: 4-Bromofluorobenzene	87.3	66.1-129		%REC	234864	1	12/14/2016 23:37	NP
Surr: 4-Bromofluorobenzene	88.1	66.1-129		%REC	234864	10	12/15/2016 00:01	NP
Surr: Dibromofluoromethane	108	83.6-123		%REC	234864	1	12/14/2016 23:37	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234864	10	12/15/2016 00:01	NP
Surr: Toluene-d8	96.4	81.8-118		%REC	234864	1	12/14/2016 23:37	NP
Surr: Toluene-d8	98.2	81.8-118		%REC	234864	10	12/15/2016 00:01	NP
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	234820	1	12/15/2016 19:47	JL
Lead	BRL	0.0100		mg/L	234820	1	12/15/2016 19:47	JL

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-7
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 11:40:00 AM
Lab ID:	1612A86-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 00:24	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 00:24	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 00:24	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 00:24	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 00:24	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 00:24	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 00:24	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 00:24	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 00:24	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 00:24	NP
Methyl tert-butyl ether	1.7	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 00:24	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-7
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 11:40:00 AM
Lab ID:	1612A86-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 00:24	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 00:24	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Tetrachloroethene	130	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 00:24	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 00:24	NP
Trichloroethene	3.2	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 00:24	NP
Surr: 4-Bromofluorobenzene	90.4	66.1-129		%REC	234864	1	12/15/2016 00:24	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234864	1	12/15/2016 00:24	NP
Surr: Toluene-d8	97.4	81.8-118		%REC	234864	1	12/15/2016 00:24	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-7 DUP
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 11:45:00 AM
Lab ID:	1612A86-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 01:11	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 01:11	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 01:11	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 01:11	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 01:11	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 01:11	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 01:11	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 01:11	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 01:11	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 01:11	NP
Methyl tert-butyl ether	1.6	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 01:11	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-7 DUP
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 11:45:00 AM
Lab ID:	1612A86-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 01:11	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 01:11	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Tetrachloroethene	130	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 01:11	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 01:11	NP
Trichloroethene	3.2	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 01:11	NP
Surr: 4-Bromofluorobenzene	93.2	66.1-129		%REC	234864	1	12/15/2016 01:11	NP
Surr: Dibromofluoromethane	107	83.6-123		%REC	234864	1	12/15/2016 01:11	NP
Surr: Toluene-d8	96.7	81.8-118		%REC	234864	1	12/15/2016 01:11	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-14D
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 2:30:00 PM
Lab ID:	1612A86-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 07:24	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 07:24	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 07:24	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 07:24	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 07:24	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 07:24	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 07:24	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 07:24	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 07:24	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 07:24	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 07:24	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-14D
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 2:30:00 PM
Lab ID:	1612A86-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 07:24	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 07:24	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Tetrachloroethene	75	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 07:24	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 07:24	NP
Trichloroethene	3.2	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 07:24	NP
Surr: 4-Bromofluorobenzene	90.2	66.1-129		%REC	234864	1	12/15/2016 07:24	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234864	1	12/15/2016 07:24	NP
Surr: Toluene-d8	97.3	81.8-118		%REC	234864	1	12/15/2016 07:24	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-25D
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 10:00:00 AM
Lab ID:	1612A86-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 01:58	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 01:58	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 01:58	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 01:58	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 01:58	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 01:58	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 01:58	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 01:58	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 01:58	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 01:58	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 01:58	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-25D
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 10:00:00 AM
Lab ID:	1612A86-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 01:58	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 01:58	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Tetrachloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 01:58	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 01:58	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 01:58	NP
Surr: 4-Bromofluorobenzene	89	66.1-129		%REC	234864	1	12/15/2016 01:58	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234864	1	12/15/2016 01:58	NP
Surr: Toluene-d8	98	81.8-118		%REC	234864	1	12/15/2016 01:58	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-32
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 3:00:00 PM
Lab ID:	1612A86-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 02:45	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 02:45	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 02:45	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 02:45	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 02:45	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 02:45	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 02:45	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
cis-1,2-Dichloroethene	2.8	1.0		ug/L	234864	1	12/15/2016 02:45	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 02:45	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 02:45	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 02:45	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 02:45	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-32
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 3:00:00 PM
Lab ID:	1612A86-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 02:45	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 02:45	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Tetrachloroethene	260	10		ug/L	234864	10	12/15/2016 03:08	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 02:45	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 02:45	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 02:45	NP
Surr: 4-Bromofluorobenzene	88.5	66.1-129		%REC	234864	1	12/15/2016 02:45	NP
Surr: 4-Bromofluorobenzene	88	66.1-129		%REC	234864	10	12/15/2016 03:08	NP
Surr: Dibromofluoromethane	106	83.6-123		%REC	234864	10	12/15/2016 03:08	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234864	1	12/15/2016 02:45	NP
Surr: Toluene-d8	95.1	81.8-118		%REC	234864	10	12/15/2016 03:08	NP
Surr: Toluene-d8	97.6	81.8-118		%REC	234864	1	12/15/2016 02:45	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-38
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 2:10:00 PM
Lab ID:	1612A86-015	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,1-Dichloroethane	6.9	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 03:32	NP
1,2,3-Trichlorobenzene	2.6	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,2,4-Trichlorobenzene	23	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,2-Dichlorobenzene	1.1	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,3-Dichlorobenzene	28	1.0		ug/L	234864	1	12/15/2016 03:32	NP
1,4-Dichlorobenzene	23	1.0		ug/L	234864	1	12/15/2016 03:32	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 03:32	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 03:32	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 03:32	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 03:32	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 03:32	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 03:32	NP
Chlorobenzene	190	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Chloroform	2.4	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
cis-1,2-Dichloroethene	7.7	1.0		ug/L	234864	1	12/15/2016 03:32	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 03:32	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Freon-113	45	5.0		ug/L	234864	1	12/15/2016 03:32	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 03:32	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 03:32	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-38
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016 2:10:00 PM
Lab ID:	1612A86-015	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 03:32	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 03:32	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Tetrachloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 03:32	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 03:32	NP
Trichloroethene	3.4	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 03:32	NP
Surr: 4-Bromofluorobenzene	88.7	66.1-129		%REC	234864	1	12/15/2016 03:32	NP
Surr: Dibromofluoromethane	108	83.6-123		%REC	234864	1	12/15/2016 03:32	NP
Surr: Toluene-d8	96.1	81.8-118		%REC	234864	1	12/15/2016 03:32	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-44D
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 11:30:00 AM
Lab ID:	1612A86-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	780	10		ug/L	234864	10	12/15/2016 04:41	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,1-Dichloroethane	110	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,1-Dichloroethene	200	20		ug/L	234864	10	12/15/2016 04:41	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 04:18	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 04:18	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 04:18	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 04:18	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 04:18	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 04:18	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Chloroethane	4.9	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Chloroform	1.7	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 04:18	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 04:18	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 04:18	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 04:18	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-44D
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 11:30:00 AM
Lab ID:	1612A86-016	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 04:18	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 04:18	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Tetrachloroethene	35	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 04:18	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 04:18	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 04:18	NP
Surr: 4-Bromofluorobenzene	85.7	66.1-129		%REC	234864	1	12/15/2016 04:18	NP
Surr: 4-Bromofluorobenzene	89.7	66.1-129		%REC	234864	10	12/15/2016 04:41	NP
Surr: Dibromofluoromethane	113	83.6-123		%REC	234864	10	12/15/2016 04:41	NP
Surr: Dibromofluoromethane	123	83.6-123	S	%REC	234864	1	12/15/2016 04:18	NP
Surr: Toluene-d8	97.2	81.8-118		%REC	234864	10	12/15/2016 04:41	NP
Surr: Toluene-d8	98.1	81.8-118		%REC	234864	1	12/15/2016 04:18	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	TRIP BLANK
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016
Lab ID:	1612A86-017	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/14/2016 21:40	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
2-Butanone	BRL	10		ug/L	234864	1	12/14/2016 21:40	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/14/2016 21:40	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/14/2016 21:40	NP
Acetone	BRL	20		ug/L	234864	1	12/14/2016 21:40	NP
Benzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/14/2016 21:40	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/14/2016 21:40	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/14/2016 21:40	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/14/2016 21:40	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/14/2016 21:40	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/14/2016 21:40	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	TRIP BLANK
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016
Lab ID:	1612A86-017	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Methylene chloride	BRL	5.0		ug/L	234864	1	12/14/2016 21:40	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/14/2016 21:40	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Styrene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Tetrachloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Toluene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/14/2016 21:40	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/14/2016 21:40	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/14/2016 21:40	NP
Surr: 4-Bromofluorobenzene	88.4	66.1-129		%REC	234864	1	12/14/2016 21:40	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234864	1	12/14/2016 21:40	NP
Surr: Toluene-d8	97.2	81.8-118		%REC	234864	1	12/14/2016 21:40	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	DRUM# 1
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 12:02:00 PM
Lab ID:	1612A86-018	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,1-Dichloroethane	2.3	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 07:47	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,2,4-Trichlorobenzene	4.0	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 07:47	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 07:47	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 07:47	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 07:47	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 07:47	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 07:47	NP
Chlorobenzene	1.4	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 07:47	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 07:47	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 07:47	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 07:47	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	DRUM# 1
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 12:02:00 PM
Lab ID:	1612A86-018	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 07:47	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 07:47	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Tetrachloroethene	21	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 07:47	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 07:47	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 07:47	NP
Surr: 4-Bromofluorobenzene	90.8	66.1-129		%REC	234864	1	12/15/2016 07:47	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234864	1	12/15/2016 07:47	NP
Surr: Toluene-d8	97.4	81.8-118		%REC	234864	1	12/15/2016 07:47	NP

Qualifiers:

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- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	DRUM# 2
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 12:04:00 PM
Lab ID:	1612A86-019	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	190	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,1-Dichloroethane	26	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,1-Dichloroethene	40	2.0		ug/L	234864	1	12/15/2016 08:56	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 08:56	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 08:56	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 08:56	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 08:56	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 08:56	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 08:56	NP
Chlorobenzene	6.5	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 08:56	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 08:56	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 08:56	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 08:56	NP

Qualifiers:

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- Narr See case narrative
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- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	DRUM# 2
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 12:04:00 PM
Lab ID:	1612A86-019	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 08:56	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 08:56	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Tetrachloroethene	24	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 08:56	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 08:56	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 08:56	NP
Surr: 4-Bromofluorobenzene	90.7	66.1-129		%REC	234864	1	12/15/2016 08:56	NP
Surr: Dibromofluoromethane	117	83.6-123		%REC	234864	1	12/15/2016 08:56	NP
Surr: Toluene-d8	97.6	81.8-118		%REC	234864	1	12/15/2016 08:56	NP

Qualifiers:

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- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	DRUM# 3
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 12:06:00 PM
Lab ID:	1612A86-020	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
1,1,1-Trichloroethane	300	10		ug/L	234864	10	12/15/2016 11:45	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,1-Dichloroethane	42	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,1-Dichloroethene	69	2.0		ug/L	234864	1	12/15/2016 09:20	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
2-Butanone	BRL	10		ug/L	234864	1	12/15/2016 09:20	NP
2-Hexanone	BRL	10		ug/L	234864	1	12/15/2016 09:20	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234864	1	12/15/2016 09:20	NP
Acetone	BRL	20		ug/L	234864	1	12/15/2016 09:20	NP
Benzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Bromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Bromodichloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Bromoform	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Bromomethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Carbon disulfide	BRL	5.0		ug/L	234864	1	12/15/2016 09:20	NP
Carbon tetrachloride	BRL	2.0		ug/L	234864	1	12/15/2016 09:20	NP
Chlorobenzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Chloroethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Chloroform	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Chloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Cyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 09:20	NP
Dibromochloromethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Ethylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Freon-113	BRL	5.0		ug/L	234864	1	12/15/2016 09:20	NP
Isopropylbenzene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
m,p-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Methyl acetate	BRL	2.0		ug/L	234864	1	12/15/2016 09:20	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Methylcyclohexane	BRL	2.0		ug/L	234864	1	12/15/2016 09:20	NP

Qualifiers:

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- Narr See case narrative
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- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 19-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	DRUM# 3
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/9/2016 12:06:00 PM
Lab ID:	1612A86-020	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Methylene chloride	BRL	5.0		ug/L	234864	1	12/15/2016 09:20	NP
Naphthalene	BRL	5.0		ug/L	234864	1	12/15/2016 09:20	NP
o-Xylene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Styrene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Tetrachloroethene	20	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Toluene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234864	1	12/15/2016 09:20	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234864	1	12/15/2016 09:20	NP
Trichloroethene	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Vinyl chloride	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Xylenes, Total	BRL	1.0		ug/L	234864	1	12/15/2016 09:20	NP
Surr: 4-Bromofluorobenzene	91.5	66.1-129		%REC	234864	1	12/15/2016 09:20	NP
Surr: 4-Bromofluorobenzene	91.7	66.1-129		%REC	234864	10	12/15/2016 11:45	NP
Surr: Dibromofluoromethane	107	83.6-123		%REC	234864	10	12/15/2016 11:45	NP
Surr: Dibromofluoromethane	115	83.6-123		%REC	234864	1	12/15/2016 09:20	NP
Surr: Toluene-d8	95.5	81.8-118		%REC	234864	10	12/15/2016 11:45	NP
Surr: Toluene-d8	96.8	81.8-118		%REC	234864	1	12/15/2016 09:20	NP

Qualifiers:

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- Narr See case narrative
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Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client A&M Work Order Number 1612A84

Checklist completed by _____ 12/9/16
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 0.7° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612A86

ANALYTICAL QC SUMMARY REPORT

BatchID: 234820

Sample ID: **MB-234820**	Client ID:				Units: **mg/L**		Prep Date: **12/15/2016**		Run No: **332251**	
SampleType: **MBLK**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **234820**		Analysis Date: **12/15/2016**		Seq No: **7236112**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	BRL	0.0100									
Lead	BRL	0.0100									

Sample ID: **LCS-234820**	Client ID:				Units: **mg/L**		Prep Date: **12/15/2016**		Run No: **332251**	
SampleType: **LCS**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **234820**		Analysis Date: **12/15/2016**		Seq No: **7236115**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	1.060	0.0100	1.000		106	80	120				
Lead	1.057	0.0100	1.000		106	80	120				

Sample ID: **1612D06-001DMS**	Client ID:				Units: **mg/L**		Prep Date: **12/15/2016**		Run No: **332251**	
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **234820**		Analysis Date: **12/15/2016**		Seq No: **7236117**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	0.9379	0.0100	1.000	0.002710	93.5	75	125				
Lead	0.9056	0.0100	1.000		90.6	75	125				

Sample ID: **1612D06-001DMSD**	Client ID:				Units: **mg/L**		Prep Date: **12/15/2016**		Run No: **332251**	
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **234820**		Analysis Date: **12/15/2016**		Seq No: **7236118**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	0.9342	0.0100	1.000	0.002710	93.2	75	125	0.9379	0.393	20	
Lead	0.9058	0.0100	1.000		90.6	75	125	0.9056	0.025	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612A86

ANALYTICAL QC SUMMARY REPORT

BatchID: 234864

Sample ID: **MB-234864** Client ID: Units: **ug/L** Prep Date: **12/14/2016** Run No: **332157**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234864** Analysis Date: **12/14/2016** Seq No: **7233300**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	1.0									
1,1,2,2-Tetrachloroethane	BRL	1.0									
1,1,2-Trichloroethane	BRL	1.0									
1,1-Dichloroethane	BRL	1.0									
1,1-Dichloroethene	BRL	2.0									
1,2,3-Trichlorobenzene	BRL	1.0									
1,2,4-Trichlorobenzene	BRL	1.0									
1,2-Dibromo-3-chloropropane	BRL	1.0									
1,2-Dibromoethane	BRL	1.0									
1,2-Dichlorobenzene	BRL	1.0									
1,2-Dichloroethane	BRL	1.0									
1,2-Dichloropropane	BRL	1.0									
1,3-Dichlorobenzene	BRL	1.0									
1,4-Dichlorobenzene	BRL	1.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	20									
Benzene	BRL	1.0									
Bromochloromethane	BRL	1.0									
Bromodichloromethane	BRL	1.0									
Bromoform	BRL	1.0									
Bromomethane	BRL	1.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	2.0									
Chlorobenzene	BRL	1.0									
Chloroethane	BRL	1.0									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612A86

ANALYTICAL QC SUMMARY REPORT

BatchID: 234864

Sample ID: **MB-234864** Client ID: Units: **ug/L** Prep Date: **12/14/2016** Run No: **332157**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234864** Analysis Date: **12/14/2016** Seq No: **7233300**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloroform	BRL	1.0									
Chloromethane	BRL	1.0									
cis-1,2-Dichloroethene	BRL	1.0									
cis-1,3-Dichloropropene	BRL	1.0									
Cyclohexane	BRL	2.0									
Dibromochloromethane	BRL	1.0									
Dichlorodifluoromethane	BRL	1.0									
Ethylbenzene	BRL	1.0									
Freon-113	BRL	5.0									
Isopropylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
Methyl acetate	BRL	2.0									
Methyl tert-butyl ether	BRL	1.0									
Methylcyclohexane	BRL	2.0									
Methylene chloride	BRL	5.0									
Naphthalene	BRL	5.0									
o-Xylene	BRL	1.0									
Styrene	BRL	1.0									
Tetrachloroethene	BRL	1.0									
Toluene	BRL	1.0									
trans-1,2-Dichloroethene	BRL	2.0									
trans-1,3-Dichloropropene	BRL	2.0									
Trichloroethene	BRL	1.0									
Trichlorofluoromethane	BRL	1.0									
Vinyl chloride	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	44.19	0	50.00		88.4	66.1	129				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612A86

ANALYTICAL QC SUMMARY REPORT

BatchID: 234864

Sample ID: **MB-234864** Client ID: Units: **ug/L** Prep Date: **12/14/2016** Run No: **332157**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234864** Analysis Date: **12/14/2016** Seq No: **7233300**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Dibromofluoromethane	54.37	0	50.00		109	83.6	123				
Surr: Toluene-d8	48.70	0	50.00		97.4	81.8	118				

Sample ID: **LCS-234864** Client ID: Units: **ug/L** Prep Date: **12/14/2016** Run No: **332157**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234864** Analysis Date: **12/14/2016** Seq No: **7233299**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.00	2.0	50.00		104	68	139				
Benzene	52.12	1.0	50.00		104	74	125				
Chlorobenzene	55.48	1.0	50.00		111	75.7	123				
Toluene	52.81	1.0	50.00		106	75.9	126				
Trichloroethene	50.75	1.0	50.00		102	70.6	129				
Surr: 4-Bromofluorobenzene	45.13	0	50.00		90.3	66.1	129				
Surr: Dibromofluoromethane	52.55	0	50.00		105	83.6	123				
Surr: Toluene-d8	47.82	0	50.00		95.6	81.8	118				

Sample ID: **1612A86-008AMS** Client ID: **MW-11** Units: **ug/L** Prep Date: **12/14/2016** Run No: **332157**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234864** Analysis Date: **12/14/2016** Seq No: **7233305**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	470.6	20	500.0		94.1	64.3	149				
Benzene	477.4	10	500.0		95.5	71.6	132				
Chlorobenzene	510.2	10	500.0		102	73.1	126				
Toluene	485.7	10	500.0		97.1	72.5	135				
Trichloroethene	462.9	10	500.0		92.6	70.2	132				
Surr: 4-Bromofluorobenzene	455.9	0	500.0		91.2	66.1	129				
Surr: Dibromofluoromethane	529.2	0	500.0		106	83.6	123				
Surr: Toluene-d8	482.8	0	500.0		96.6	81.8	118				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612A86

ANALYTICAL QC SUMMARY REPORT

BatchID: 234864

Sample ID: **1612A86-008AMSD** Client ID: **MW-11** Units: **ug/L** Prep Date: **12/14/2016** Run No: **332157**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234864** Analysis Date: **12/14/2016** Seq No: **7233306**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	490.5	20	500.0		98.1	64.3	149	470.6	4.14	30.8	
Benzene	472.4	10	500.0		94.5	71.6	132	477.4	1.05	20.7	
Chlorobenzene	506.9	10	500.0		101	73.1	126	510.2	0.649	26.6	
Toluene	479.0	10	500.0		95.8	72.5	135	485.7	1.39	23.2	
Trichloroethene	458.5	10	500.0		91.7	70.2	132	462.9	0.955	27.7	
Surr: 4-Bromofluorobenzene	448.4	0	500.0		89.7	66.1	129	455.9	0	0	
Surr: Dibromofluoromethane	534.4	0	500.0		107	83.6	123	529.2	0	0	
Surr: Toluene-d8	480.6	0	500.0		96.1	81.8	118	482.8	0	0	

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AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 14, 2016

Leona Miles
Atlanta Environmental Management
2580 NE Expressway
Atlanta GA 30345

TEL: (404) 329-9006
FAX: (404) 329-2057

RE: VLP2 - Welcome Years

Dear Leona Miles: Order No: 1612817

Analytical Environmental Services, Inc. received 24 samples on 12/8/2016 7:55:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
-NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Ioana Pacurar

Ioana Pacurar
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1613817

Date: 12/8/16 Page 1 of 2

COMPANY: Atlanta Environmental Management, Inc.
ADDRESS: 2580 NE Expressway Atlanta, GA 30345
PHONE: (404) 329-9006
FAX: (404) 329-2057
SAMPLED BY: Tony L Gordon
SIGNATURE: Tony L Gordon

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC's (8260B)	Total Cr & Pb (6010C)	PRESERVATION (See codes) H/I	PRESERVATION (See codes) N/I	REMARKS	No # of Containers
1	MW-16	12/5/16	1120	X		GW	2					2
2	MW-41	12/5/16	1110	X		GW	2					2
3	MW-2	12/6/16	1125	X		GW	4				MS/MSD Sample	4
4	MW-30	12/7/16	1240	X		GW	2					2
5	MW-17	12/5/16	1545	X		GW	2					2
6	MW-12	12/5/16	1350	X		GW	2		1			3
7	MW-42	12/6/16	1009	X		GW	2					2
8	MW-43	12/6/16	1050	X		GW	2					2
9	MW-13	12/6/16	1048/1410	X		GW	2		1		1410 metals sample	3
10	MW-45	12/6/16	1100	X		GW	4				MS/MSD Sample	4
11	MW-26	12/5/16	1510	X		GW	2					2
12	MW-1	12/6/16	1350	X		GW	2					2
13	MW-34D	12/6/16	1340	X		GW	2					2
14	MW-3R	12/6/16	1503	X		GW	2					2

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY: DATE/TIME:
1: Tony L Gordon 12/8/16 0755
2:
3:

RECEIVED BY: DATE/TIME:
1: 12/8/16 0755
2:
3:

SPECIAL INSTRUCTIONS/COMMENTS: standard TAT for VOC's & metals (Cr & Pb)

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

PROJECT INFORMATION
PROJECT NAME: VLP2 - Welcome Years
PROJECT #: 1396-16001-2
SITE ADDRESS: 14th street at Howell Mill Rd
SEND REPORT TO: Leona Miles (leona-miles@aem-net.com)
INVOICE TO: leona-miles@aem-net.com
(IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 34

Turnaround Time Request
- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other

STATE PROGRAM (if any): HSRA
E-mail? Yes Fax? NO
DATA PACKAGE: I ○ II ● III ○ IV ○

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY. IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

AES

CHAIN OF CUSTODY

Work Order: 1612817

Date: 12/8/16 Page 2 of 2

COMPANY: Atlanta Environmental Management, Inc. (AEM)

ADDRESS: 2580 NE Expressway Atlanta, GA 30345

PHONE: (404) 329-9086

FAX: (404) 329-2057

SAMPLED BY:

SIGNATURE:

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) H/I	PRESERVATION (See codes) N/I	VOC's (8260B)	Total Cr, Pb (6010C)	REMARKS	No # of Containers
1	MW-3R Dup	12/6/16	1508	X		GW	2					2
2	MW-4	12/6/16	1445	X		GW	2					2
3	MW-29	12/7/16	1250	X		GW	2	1				3
4	MW-31	12/6/16	0953	X		GW	2					2
5	MW-10	12/6/16	1600	X		GW	2					2
6	MW-24	12/6/16	1630	X		GW	2					2
7	MW-24 Dup	12/6/16	1630	X		GW	2					2
8	MW-40	12/5/16	1300	X		GW	2					2
9	MW-28D	12/7/16	1030	X		GW	2					
10												
11	Trip Blank	—	—	X		W	2					2
12												
13												
14												

RELINQUISHED BY: DATE/TIME:

1: Tony Crocker 12/8/16 0855

2:

3:

RECEIVED BY: DATE/TIME:

1: [illegible] 12/8/16 855

2:

3:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD:

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER

PROJECT INFORMATION

PROJECT NAME: VLP2 - Welcome Years

PROJECT #: 1396-1601-2

SITE ADDRESS: 14 st. at Howell Mill Rd

SEND REPORT TO: Leona Miles

INVOICE TO: leona-miles@aem-net.com

(IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers: 18

Turnaround Time Request

- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other

STATE PROGRAM (if any): HSRA

E-mail? Fax?

DATA PACKAGE: I ○ II ● III ○ IV ○

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY. IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-16
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 11:20:00 AM
Lab ID:	1612817-001A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**				**(SW5030B)**			
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/13/2016 23:23	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
2-Butanone	BRL	10		ug/L	234801	1	12/13/2016 23:23	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/13/2016 23:23	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/13/2016 23:23	NP
Acetone	BRL	20		ug/L	234801	1	12/13/2016 23:23	NP
Benzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/13/2016 23:23	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/13/2016 23:23	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/13/2016 23:23	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/13/2016 23:23	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/13/2016 23:23	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-16
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 11:20:00 AM
Lab ID:	1612817-001A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/13/2016 23:23	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/13/2016 23:23	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/13/2016 23:23	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Styrene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Tetrachloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Toluene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/13/2016 23:23	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/13/2016 23:23	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/13/2016 23:23	NP
Surr: 4-Bromofluorobenzene	92	66.1-129		%REC	234801	1	12/13/2016 23:23	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/13/2016 23:23	NP
Surr: Toluene-d8	99.3	81.8-118		%REC	234801	1	12/13/2016 23:23	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-41
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 11:10:00 AM
Lab ID:	1612817-002A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/13/2016 23:46	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
2-Butanone	BRL	10		ug/L	234801	1	12/13/2016 23:46	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/13/2016 23:46	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/13/2016 23:46	NP
Acetone	BRL	20		ug/L	234801	1	12/13/2016 23:46	NP
Benzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/13/2016 23:46	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/13/2016 23:46	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/13/2016 23:46	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/13/2016 23:46	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/13/2016 23:46	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-41
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 11:10:00 AM
Lab ID:	1612817-002A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/13/2016 23:46	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/13/2016 23:46	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/13/2016 23:46	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Styrene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Tetrachloroethene	13	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Toluene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/13/2016 23:46	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/13/2016 23:46	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/13/2016 23:46	NP
Surr: 4-Bromofluorobenzene	90.9	66.1-129		%REC	234801	1	12/13/2016 23:46	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/13/2016 23:46	NP
Surr: Toluene-d8	99.2	81.8-118		%REC	234801	1	12/13/2016 23:46	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-2
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 11:25:00 AM
Lab ID:	1612817-003A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/13/2016 21:01	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
2-Butanone	BRL	10		ug/L	234801	1	12/13/2016 21:01	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/13/2016 21:01	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/13/2016 21:01	NP
Acetone	BRL	20		ug/L	234801	1	12/13/2016 21:01	NP
Benzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/13/2016 21:01	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/13/2016 21:01	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/13/2016 21:01	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/13/2016 21:01	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/13/2016 21:01	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-2
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 11:25:00 AM
Lab ID:	1612817-003A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/13/2016 21:01	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/13/2016 21:01	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/13/2016 21:01	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Styrene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Tetrachloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Toluene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/13/2016 21:01	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/13/2016 21:01	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/13/2016 21:01	NP
Surr: 4-Bromofluorobenzene	89.1	66.1-129		%REC	234801	1	12/13/2016 21:01	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/13/2016 21:01	NP
Surr: Toluene-d8	96.9	81.8-118		%REC	234801	1	12/13/2016 21:01	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-30
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/7/2016 12:40:00 PM
Lab ID:	1612817-004A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 00:10	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 00:10	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 00:10	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 00:10	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 00:10	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 00:10	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 00:10	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 00:10	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 00:10	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 00:10	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-30
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/7/2016 12:40:00 PM
Lab ID:	1612817-004A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 00:10	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 00:10	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 00:10	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Tetrachloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 00:10	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 00:10	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 00:10	NP
Surr: 4-Bromofluorobenzene	92.5	66.1-129		%REC	234801	1	12/14/2016 00:10	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234801	1	12/14/2016 00:10	NP
Surr: Toluene-d8	98.3	81.8-118		%REC	234801	1	12/14/2016 00:10	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-17
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 3:45:00 PM
Lab ID:	1612817-005A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**				**(SW5030B)**			
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,1-Dichloroethane	3.4	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 00:33	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
1,4-Dichlorobenzene	4.3	1.0		ug/L	234801	1	12/14/2016 00:33	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 00:33	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 00:33	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 00:33	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 00:33	NP
Benzene	6.2	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 00:33	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 00:33	NP
Chlorobenzene	120	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Chloroethane	5.6	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
cis-1,2-Dichloroethene	3.6	1.0		ug/L	234801	1	12/14/2016 00:33	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 00:33	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 00:33	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 00:33	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-17
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 3:45:00 PM
Lab ID:	1612817-005A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 00:33	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 00:33	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 00:33	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Tetrachloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 00:33	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 00:33	NP
Trichloroethene	1.0	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 00:33	NP
Surr: 4-Bromofluorobenzene	92.5	66.1-129		%REC	234801	1	12/14/2016 00:33	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234801	1	12/14/2016 00:33	NP
Surr: Toluene-d8	98.5	81.8-118		%REC	234801	1	12/14/2016 00:33	NP

Qualifiers:

- * Value exceeds maximum contaminant level
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- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-12
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 1:50:00 PM
Lab ID:	1612817-006A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 00:56	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 00:56	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 00:56	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 00:56	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 00:56	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 00:56	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 00:56	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 00:56	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 00:56	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 00:56	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-12
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 1:50:00 PM
Lab ID:	1612817-006A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 00:56	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 00:56	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 00:56	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Tetrachloroethene	1.2	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 00:56	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 00:56	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 00:56	NP
Surr: 4-Bromofluorobenzene	93.3	66.1-129		%REC	234801	1	12/14/2016 00:56	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234801	1	12/14/2016 00:56	NP
Surr: Toluene-d8	97	81.8-118		%REC	234801	1	12/14/2016 00:56	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-12
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 1:50:00 PM
Lab ID:	1612817-006B	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	234677	1	12/13/2016 15:39	IO
Lead	BRL	0.0100		mg/L	234677	1	12/13/2016 15:39	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-42
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 10:09:00 AM
Lab ID:	1612817-007A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 01:20	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 01:20	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 01:20	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 01:20	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 01:20	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 01:20	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 01:20	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Chloroform	4.5	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 01:20	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 01:20	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 01:20	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP

Qualifiers:

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- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-42
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 10:09:00 AM
Lab ID:	1612817-007A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 01:20	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 01:20	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 01:20	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Tetrachloroethene	2.2	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 01:20	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 01:20	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 01:20	NP
Surr: 4-Bromofluorobenzene	90.5	66.1-129		%REC	234801	1	12/14/2016 01:20	NP
Surr: Dibromofluoromethane	112	83.6-123		%REC	234801	1	12/14/2016 01:20	NP
Surr: Toluene-d8	99.1	81.8-118		%REC	234801	1	12/14/2016 01:20	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-43
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 10:50:00 AM
Lab ID:	1612817-008A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 01:43	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 01:43	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 01:43	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 01:43	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 01:43	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 01:43	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 01:43	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Chloroform	2.3	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 01:43	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 01:43	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 01:43	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-43
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 10:50:00 AM
Lab ID:	1612817-008A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 01:43	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 01:43	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 01:43	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Tetrachloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 01:43	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 01:43	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 01:43	NP
Surr: 4-Bromofluorobenzene	89	66.1-129		%REC	234801	1	12/14/2016 01:43	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/14/2016 01:43	NP
Surr: Toluene-d8	98.1	81.8-118		%REC	234801	1	12/14/2016 01:43	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-13
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 10:48:00 AM
Lab ID:	1612817-009A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 02:06	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 02:06	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 02:06	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 02:06	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 02:06	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 02:06	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 02:06	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 02:06	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 02:06	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 02:06	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-13
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 10:48:00 AM
Lab ID:	1612817-009A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 02:06	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 02:06	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 02:06	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Tetrachloroethene	7.0	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 02:06	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 02:06	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 02:06	NP
Surr: 4-Bromofluorobenzene	91.4	66.1-129		%REC	234801	1	12/14/2016 02:06	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234801	1	12/14/2016 02:06	NP
Surr: Toluene-d8	98	81.8-118		%REC	234801	1	12/14/2016 02:06	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-13
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 2:10:00 PM
Lab ID:	1612817-009B	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	234677	1	12/13/2016 15:49	IO
Lead	BRL	0.0100		mg/L	234677	1	12/13/2016 15:49	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-45
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 11:00:00 AM
Lab ID:	1612817-010A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/13/2016 22:12	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
2-Butanone	BRL	10		ug/L	234801	1	12/13/2016 22:12	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/13/2016 22:12	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/13/2016 22:12	NP
Acetone	BRL	20		ug/L	234801	1	12/13/2016 22:12	NP
Benzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/13/2016 22:12	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/13/2016 22:12	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/13/2016 22:12	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/13/2016 22:12	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/13/2016 22:12	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-45
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 11:00:00 AM
Lab ID:	1612817-010A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/13/2016 22:12	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/13/2016 22:12	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/13/2016 22:12	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Styrene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Tetrachloroethene	4.3	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Toluene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/13/2016 22:12	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/13/2016 22:12	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/13/2016 22:12	NP
Surr: 4-Bromofluorobenzene	90.4	66.1-129		%REC	234801	1	12/13/2016 22:12	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/13/2016 22:12	NP
Surr: Toluene-d8	96.8	81.8-118		%REC	234801	1	12/13/2016 22:12	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-26
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 3:10:00 PM
Lab ID:	1612817-011A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,1-Dichloroethane	1.9	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 02:29	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 02:29	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 02:29	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 02:29	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 02:29	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 02:29	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 02:29	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
cis-1,2-Dichloroethene	2.0	1.0		ug/L	234801	1	12/14/2016 02:29	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 02:29	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 02:29	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 02:29	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-26
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 3:10:00 PM
Lab ID:	1612817-011A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 02:29	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 02:29	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 02:29	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Tetrachloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 02:29	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 02:29	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 02:29	NP
Surr: 4-Bromofluorobenzene	90	66.1-129		%REC	234801	1	12/14/2016 02:29	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234801	1	12/14/2016 02:29	NP
Surr: Toluene-d8	98.6	81.8-118		%REC	234801	1	12/14/2016 02:29	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-1
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 1:50:00 PM
Lab ID:	1612817-012A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**				**(SW5030B)**			
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 02:53	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 02:53	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 02:53	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 02:53	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 02:53	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 02:53	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 02:53	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 02:53	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 02:53	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 02:53	NP
Methyl tert-butyl ether	1.4	1.0		ug/L	234801	1	12/14/2016 02:53	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-1
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 1:50:00 PM
Lab ID:	1612817-012A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 02:53	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 02:53	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 02:53	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Tetrachloroethene	68	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 02:53	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 02:53	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 02:53	NP
Surr: 4-Bromofluorobenzene	93.4	66.1-129		%REC	234801	1	12/14/2016 02:53	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/14/2016 02:53	NP
Surr: Toluene-d8	97.8	81.8-118		%REC	234801	1	12/14/2016 02:53	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-34D
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 1:40:00 PM
Lab ID:	1612817-013A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 03:16	NP
1,2,3-Trichlorobenzene	2.5	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,2,4-Trichlorobenzene	24	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,3-Dichlorobenzene	5.6	1.0		ug/L	234801	1	12/14/2016 03:16	NP
1,4-Dichlorobenzene	3.4	1.0		ug/L	234801	1	12/14/2016 03:16	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 03:16	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 03:16	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 03:16	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 03:16	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 03:16	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 03:16	NP
Chlorobenzene	8.8	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 03:16	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 03:16	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 03:16	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-34D
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 1:40:00 PM
Lab ID:	1612817-013A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 03:16	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 03:16	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 03:16	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Tetrachloroethene	5.5	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 03:16	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 03:16	NP
Trichloroethene	1.0	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 03:16	NP
Surr: 4-Bromofluorobenzene	90.3	66.1-129		%REC	234801	1	12/14/2016 03:16	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/14/2016 03:16	NP
Surr: Toluene-d8	97.8	81.8-118		%REC	234801	1	12/14/2016 03:16	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-3R
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 3:03:00 PM
Lab ID:	1612817-014A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 03:39	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 03:39	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 03:39	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 03:39	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 03:39	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 03:39	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 03:39	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 03:39	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 03:39	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 03:39	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-3R
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 3:03:00 PM
Lab ID:	1612817-014A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 03:39	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 03:39	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 03:39	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Tetrachloroethene	130	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 03:39	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 03:39	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 03:39	NP
Surr: 4-Bromofluorobenzene	91.5	66.1-129		%REC	234801	1	12/14/2016 03:39	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234801	1	12/14/2016 03:39	NP
Surr: Toluene-d8	98.2	81.8-118		%REC	234801	1	12/14/2016 03:39	NP

Qualifiers:

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- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-3R DUP
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 3:08:00 PM
Lab ID:	1612817-015A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 04:03	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 04:03	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 04:03	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 04:03	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 04:03	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 04:03	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 04:03	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 04:03	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 04:03	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 04:03	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-3R DUP
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 3:08:00 PM
Lab ID:	1612817-015A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 04:03	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 04:03	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 04:03	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Tetrachloroethene	120	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 04:03	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 04:03	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 04:03	NP
Surr: 4-Bromofluorobenzene	90.5	66.1-129		%REC	234801	1	12/14/2016 04:03	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/14/2016 04:03	NP
Surr: Toluene-d8	98.7	81.8-118		%REC	234801	1	12/14/2016 04:03	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-4
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 2:45:00 PM
Lab ID:	1612817-016A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 04:26	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 04:26	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 04:26	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 04:26	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 04:26	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 04:26	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 04:26	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
cis-1,2-Dichloroethene	1.9	1.0		ug/L	234801	1	12/14/2016 04:26	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 04:26	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 04:26	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 04:26	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-4
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 2:45:00 PM
Lab ID:	1612817-016A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 04:26	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 04:26	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 04:26	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Tetrachloroethene	200	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 04:26	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 04:26	NP
Trichloroethene	4.5	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 04:26	NP
Surr: 4-Bromofluorobenzene	90.5	66.1-129		%REC	234801	1	12/14/2016 04:26	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234801	1	12/14/2016 04:26	NP
Surr: Toluene-d8	97.4	81.8-118		%REC	234801	1	12/14/2016 04:26	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-29
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/7/2016 12:50:00 PM
Lab ID:	1612817-017A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 04:49	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 04:49	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 04:49	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 04:49	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 04:49	NP
Benzene	2.3	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 04:49	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 04:49	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
cis-1,2-Dichloroethene	6.0	1.0		ug/L	234801	1	12/14/2016 04:49	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Cyclohexane	6.3	2.0		ug/L	234801	1	12/14/2016 04:49	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Ethylbenzene	1.5	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 04:49	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 04:49	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-29
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/7/2016 12:50:00 PM
Lab ID:	1612817-017A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 04:49	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 04:49	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 04:49	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Tetrachloroethene	2.6	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 04:49	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 04:49	NP
Trichloroethene	2.5	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Xylenes, Total	1.4	1.0		ug/L	234801	1	12/14/2016 04:49	NP
Surr: 4-Bromofluorobenzene	96.9	66.1-129		%REC	234801	1	12/14/2016 04:49	NP
Surr: Dibromofluoromethane	107	83.6-123		%REC	234801	1	12/14/2016 04:49	NP
Surr: Toluene-d8	103	81.8-118		%REC	234801	1	12/14/2016 04:49	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-29
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/7/2016 12:50:00 PM
Lab ID:	1612817-017B	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	234677	1	12/13/2016 15:52	IO
Lead	BRL	0.0100		mg/L	234677	1	12/13/2016 15:52	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-31
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 9:53:00 AM
Lab ID:	1612817-018A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**				**(SW5030B)**			
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 05:13	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 05:13	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 05:13	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 05:13	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 05:13	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 05:13	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 05:13	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Chloroform	1.0	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 05:13	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 05:13	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 05:13	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-31
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 9:53:00 AM
Lab ID:	1612817-018A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 05:13	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 05:13	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 05:13	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Tetrachloroethene	99	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 05:13	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 05:13	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 05:13	NP
Surr: 4-Bromofluorobenzene	92.7	66.1-129		%REC	234801	1	12/14/2016 05:13	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234801	1	12/14/2016 05:13	NP
Surr: Toluene-d8	97.5	81.8-118		%REC	234801	1	12/14/2016 05:13	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-10
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 4:00:00 PM
Lab ID:	1612817-019A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 05:37	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 05:37	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 05:37	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 05:37	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 05:37	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 05:37	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 05:37	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 05:37	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 05:37	NP
Isopropylbenzene	6.2	1.0		ug/L	234801	1	12/14/2016 05:37	NP
m,p-Xylene	11	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 05:37	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-10
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 4:00:00 PM
Lab ID:	1612817-019A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 05:37	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 05:37	NP
Naphthalene	110	5.0		ug/L	234801	1	12/14/2016 05:37	NP
o-Xylene	20	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Tetrachloroethene	65	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 05:37	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 05:37	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Xylenes, Total	31	1.0		ug/L	234801	1	12/14/2016 05:37	NP
Surr: 4-Bromofluorobenzene	97.3	66.1-129		%REC	234801	1	12/14/2016 05:37	NP
Surr: Dibromofluoromethane	111	83.6-123		%REC	234801	1	12/14/2016 05:37	NP
Surr: Toluene-d8	98.4	81.8-118		%REC	234801	1	12/14/2016 05:37	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-24
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 4:30:00 PM
Lab ID:	1612817-020A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 06:00	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
2-Butanone	BRL	10		ug/L	234801	1	12/14/2016 06:00	NP
2-Hexanone	BRL	10		ug/L	234801	1	12/14/2016 06:00	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234801	1	12/14/2016 06:00	NP
Acetone	BRL	20		ug/L	234801	1	12/14/2016 06:00	NP
Benzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Bromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Bromodichloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Bromoform	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Bromomethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Carbon disulfide	BRL	5.0		ug/L	234801	1	12/14/2016 06:00	NP
Carbon tetrachloride	BRL	2.0		ug/L	234801	1	12/14/2016 06:00	NP
Chlorobenzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Chloroethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Chloroform	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Chloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Cyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 06:00	NP
Dibromochloromethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Ethylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Freon-113	BRL	5.0		ug/L	234801	1	12/14/2016 06:00	NP
Isopropylbenzene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
m,p-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Methyl acetate	BRL	2.0		ug/L	234801	1	12/14/2016 06:00	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-24
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 4:30:00 PM
Lab ID:	1612817-020A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234801	1	12/14/2016 06:00	NP
Methylene chloride	BRL	5.0		ug/L	234801	1	12/14/2016 06:00	NP
Naphthalene	BRL	5.0		ug/L	234801	1	12/14/2016 06:00	NP
o-Xylene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Styrene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Tetrachloroethene	58	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Toluene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234801	1	12/14/2016 06:00	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234801	1	12/14/2016 06:00	NP
Trichloroethene	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Vinyl chloride	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Xylenes, Total	BRL	1.0		ug/L	234801	1	12/14/2016 06:00	NP
Surr: 4-Bromofluorobenzene	91.4	66.1-129		%REC	234801	1	12/14/2016 06:00	NP
Surr: Dibromofluoromethane	108	83.6-123		%REC	234801	1	12/14/2016 06:00	NP
Surr: Toluene-d8	96.2	81.8-118		%REC	234801	1	12/14/2016 06:00	NP

Qualifiers:

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- > Greater than Result value
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- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-24 DUP
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 4:30:00 PM
Lab ID:	1612817-021A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234746	1	12/13/2016 18:16	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
2-Butanone	BRL	10		ug/L	234746	1	12/13/2016 18:16	NP
2-Hexanone	BRL	10		ug/L	234746	1	12/13/2016 18:16	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234746	1	12/13/2016 18:16	NP
Acetone	BRL	20		ug/L	234746	1	12/13/2016 18:16	NP
Benzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Bromochloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Bromodichloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Bromoform	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Bromomethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Carbon disulfide	BRL	5.0		ug/L	234746	1	12/13/2016 18:16	NP
Carbon tetrachloride	BRL	2.0		ug/L	234746	1	12/13/2016 18:16	NP
Chlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Chloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Chloroform	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Chloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Cyclohexane	BRL	2.0		ug/L	234746	1	12/13/2016 18:16	NP
Dibromochloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Ethylbenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Freon-113	BRL	5.0		ug/L	234746	1	12/13/2016 18:16	NP
Isopropylbenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
m,p-Xylene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Methyl acetate	BRL	2.0		ug/L	234746	1	12/13/2016 18:16	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-24 DUP
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/6/2016 4:30:00 PM
Lab ID:	1612817-021A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234746	1	12/13/2016 18:16	NP
Methylene chloride	BRL	5.0		ug/L	234746	1	12/13/2016 18:16	NP
Naphthalene	BRL	5.0		ug/L	234746	1	12/13/2016 18:16	NP
o-Xylene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Styrene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Tetrachloroethene	64	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Toluene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234746	1	12/13/2016 18:16	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234746	1	12/13/2016 18:16	NP
Trichloroethene	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Vinyl chloride	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Xylenes, Total	BRL	1.0		ug/L	234746	1	12/13/2016 18:16	NP
Surr: 4-Bromofluorobenzene	88.9	66.1-129		%REC	234746	1	12/13/2016 18:16	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234746	1	12/13/2016 18:16	NP
Surr: Toluene-d8	99	81.8-118		%REC	234746	1	12/13/2016 18:16	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-40
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 1:00:00 PM
Lab ID:	1612817-022A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	2.5	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,1-Dichloroethane	84	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,1-Dichloroethene	9.5	2.0		ug/L	234746	1	12/13/2016 18:39	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
2-Butanone	BRL	10		ug/L	234746	1	12/13/2016 18:39	NP
2-Hexanone	BRL	10		ug/L	234746	1	12/13/2016 18:39	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234746	1	12/13/2016 18:39	NP
Acetone	BRL	20		ug/L	234746	1	12/13/2016 18:39	NP
Benzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Bromochloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Bromodichloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Bromoform	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Bromomethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Carbon disulfide	BRL	5.0		ug/L	234746	1	12/13/2016 18:39	NP
Carbon tetrachloride	BRL	2.0		ug/L	234746	1	12/13/2016 18:39	NP
Chlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Chloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Chloroform	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Chloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
cis-1,2-Dichloroethene	1.4	1.0		ug/L	234746	1	12/13/2016 18:39	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Cyclohexane	BRL	2.0		ug/L	234746	1	12/13/2016 18:39	NP
Dibromochloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Ethylbenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Freon-113	BRL	5.0		ug/L	234746	1	12/13/2016 18:39	NP
Isopropylbenzene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
m,p-Xylene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Methyl acetate	BRL	2.0		ug/L	234746	1	12/13/2016 18:39	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-40
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/5/2016 1:00:00 PM
Lab ID:	1612817-022A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234746	1	12/13/2016 18:39	NP
Methylene chloride	BRL	5.0		ug/L	234746	1	12/13/2016 18:39	NP
Naphthalene	BRL	5.0		ug/L	234746	1	12/13/2016 18:39	NP
o-Xylene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Styrene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Tetrachloroethene	12	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Toluene	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234746	1	12/13/2016 18:39	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234746	1	12/13/2016 18:39	NP
Trichloroethene	2.1	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Vinyl chloride	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Xylenes, Total	BRL	1.0		ug/L	234746	1	12/13/2016 18:39	NP
Surr: 4-Bromofluorobenzene	89.2	66.1-129		%REC	234746	1	12/13/2016 18:39	NP
Surr: Dibromofluoromethane	110	83.6-123		%REC	234746	1	12/13/2016 18:39	NP
Surr: Toluene-d8	99	81.8-118		%REC	234746	1	12/13/2016 18:39	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-28D
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/7/2016 10:30:00 AM
Lab ID:	1612817-023A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234746	1	12/13/2016 19:03	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
2-Butanone	BRL	10		ug/L	234746	1	12/13/2016 19:03	NP
2-Hexanone	BRL	10		ug/L	234746	1	12/13/2016 19:03	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234746	1	12/13/2016 19:03	NP
Acetone	BRL	20		ug/L	234746	1	12/13/2016 19:03	NP
Benzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Bromochloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Bromodichloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Bromoform	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Bromomethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Carbon disulfide	BRL	5.0		ug/L	234746	1	12/13/2016 19:03	NP
Carbon tetrachloride	BRL	2.0		ug/L	234746	1	12/13/2016 19:03	NP
Chlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Chloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Chloroform	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Chloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Cyclohexane	BRL	2.0		ug/L	234746	1	12/13/2016 19:03	NP
Dibromochloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Ethylbenzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Freon-113	BRL	5.0		ug/L	234746	1	12/13/2016 19:03	NP
Isopropylbenzene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
m,p-Xylene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Methyl acetate	BRL	2.0		ug/L	234746	1	12/13/2016 19:03	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	MW-28D
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/7/2016 10:30:00 AM
Lab ID:	1612817-023A	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234746	1	12/13/2016 19:03	NP
Methylene chloride	BRL	5.0		ug/L	234746	1	12/13/2016 19:03	NP
Naphthalene	BRL	5.0		ug/L	234746	1	12/13/2016 19:03	NP
o-Xylene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Styrene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Tetrachloroethene	370	10		ug/L	234746	10	12/13/2016 11:15	NP
Toluene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234746	1	12/13/2016 19:03	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234746	1	12/13/2016 19:03	NP
Trichloroethene	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Vinyl chloride	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Xylenes, Total	BRL	1.0		ug/L	234746	1	12/13/2016 19:03	NP
Surr: 4-Bromofluorobenzene	89.3	66.1-129		%REC	234746	1	12/13/2016 19:03	NP
Surr: 4-Bromofluorobenzene	88.4	66.1-129		%REC	234746	10	12/13/2016 11:15	NP
Surr: Dibromofluoromethane	107	83.6-123		%REC	234746	10	12/13/2016 11:15	NP
Surr: Dibromofluoromethane	109	83.6-123		%REC	234746	1	12/13/2016 19:03	NP
Surr: Toluene-d8	96.7	81.8-118		%REC	234746	10	12/13/2016 11:15	NP
Surr: Toluene-d8	98.2	81.8-118		%REC	234746	1	12/13/2016 19:03	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	TRIP BLANK
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016
Lab ID:	1612817-024A	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
1,1,1-Trichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,1,2,2-Tetrachloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,1,2-Trichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,1-Dichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,1-Dichloroethene	BRL	2.0		ug/L	234746	1	12/13/2016 16:42	NP
1,2,3-Trichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,2,4-Trichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,2-Dibromo-3-chloropropane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,2-Dibromoethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,2-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,2-Dichloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,2-Dichloropropane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,3-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
1,4-Dichlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
2-Butanone	BRL	10		ug/L	234746	1	12/13/2016 16:42	NP
2-Hexanone	BRL	10		ug/L	234746	1	12/13/2016 16:42	NP
4-Methyl-2-pentanone	BRL	10		ug/L	234746	1	12/13/2016 16:42	NP
Acetone	BRL	20		ug/L	234746	1	12/13/2016 16:42	NP
Benzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Bromochloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Bromodichloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Bromoform	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Bromomethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Carbon disulfide	BRL	5.0		ug/L	234746	1	12/13/2016 16:42	NP
Carbon tetrachloride	BRL	2.0		ug/L	234746	1	12/13/2016 16:42	NP
Chlorobenzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Chloroethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Chloroform	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Chloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
cis-1,2-Dichloroethene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
cis-1,3-Dichloropropene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Cyclohexane	BRL	2.0		ug/L	234746	1	12/13/2016 16:42	NP
Dibromochloromethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Dichlorodifluoromethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Ethylbenzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Freon-113	BRL	5.0		ug/L	234746	1	12/13/2016 16:42	NP
Isopropylbenzene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
m,p-Xylene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Methyl acetate	BRL	2.0		ug/L	234746	1	12/13/2016 16:42	NP
Methyl tert-butyl ether	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 14-Dec-16

Client:	Atlanta Environmental Management	**Client Sample ID:**	TRIP BLANK
Lab Order	1612817	**Tag Number:**	
Project Name:	VLP2 - Welcome Years	**Collection Date:**	12/8/2016
Lab ID:	1612817-024A	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5030B)**				
Methylcyclohexane	BRL	2.0		ug/L	234746	1	12/13/2016 16:42	NP
Methylene chloride	BRL	5.0		ug/L	234746	1	12/13/2016 16:42	NP
Naphthalene	BRL	5.0		ug/L	234746	1	12/13/2016 16:42	NP
o-Xylene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Styrene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Tetrachloroethene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Toluene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
trans-1,2-Dichloroethene	BRL	2.0		ug/L	234746	1	12/13/2016 16:42	NP
trans-1,3-Dichloropropene	BRL	2.0		ug/L	234746	1	12/13/2016 16:42	NP
Trichloroethene	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Trichlorofluoromethane	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Vinyl chloride	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Xylenes, Total	BRL	1.0		ug/L	234746	1	12/13/2016 16:42	NP
Surr: 4-Bromofluorobenzene	89	66.1-129		%REC	234746	1	12/13/2016 16:42	NP
Surr: Dibromofluoromethane	108	83.6-123		%REC	234746	1	12/13/2016 16:42	NP
Surr: Toluene-d8	96.7	81.8-118		%REC	234746	1	12/13/2016 16:42	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client AEM Work Order Number 1612817

Checklist completed by Joana Pascual 12/8/2016
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes ✓ No __ Not Present __

Custody seals intact on sample bottles? Yes __ No __ Not Present __

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 4.4°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234677

Sample ID: **MB-234677**	Client ID:				Units: **mg/L**		Prep Date: **12/12/2016**		Run No: **331978**	
SampleType: **MBLK**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **234677**		Analysis Date: **12/13/2016**		Seq No: **7228889**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	BRL	0.0100									
Lead	BRL	0.0100									

Sample ID: **LCS-234677**	Client ID:				Units: **mg/L**		Prep Date: **12/12/2016**		Run No: **331978**	
SampleType: **LCS**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **234677**		Analysis Date: **12/13/2016**		Seq No: **7228890**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	1.012	0.0100	1.000		101	80	120				
Lead	1.023	0.0100	1.000		102	80	120				

Sample ID: **1612B62-001AMS**	Client ID:				Units: **mg/L**		Prep Date: **12/12/2016**		Run No: **331978**	
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **234677**		Analysis Date: **12/13/2016**		Seq No: **7228892**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	0.9287	0.0100	1.000	0.003862	92.5	75	125				
Lead	0.9143	0.0100	1.000	0.01028	90.4	75	125				

Sample ID: **1612B62-001AMSD**	Client ID:				Units: **mg/L**		Prep Date: **12/12/2016**		Run No: **331978**	
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **234677**		Analysis Date: **12/13/2016**		Seq No: **7228893**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	0.9213	0.0100	1.000	0.003862	91.7	75	125	0.9287	0.807	20	
Lead	0.9067	0.0100	1.000	0.01028	89.6	75	125	0.9143	0.831	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234746

Sample ID: **MB-234746** Client ID: Units: **ug/L** Prep Date: **12/13/2016** Run No: **331938**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234746** Analysis Date: **12/13/2016** Seq No: **7227988**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	1.0									
1,1,2,2-Tetrachloroethane	BRL	1.0									
1,1,2-Trichloroethane	BRL	1.0									
1,1-Dichloroethane	BRL	1.0									
1,1-Dichloroethene	BRL	2.0									
1,2,3-Trichlorobenzene	BRL	1.0									
1,2,4-Trichlorobenzene	BRL	1.0									
1,2-Dibromo-3-chloropropane	BRL	1.0									
1,2-Dibromoethane	BRL	1.0									
1,2-Dichlorobenzene	BRL	1.0									
1,2-Dichloroethane	BRL	1.0									
1,2-Dichloropropane	BRL	1.0									
1,3-Dichlorobenzene	BRL	1.0									
1,4-Dichlorobenzene	BRL	1.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	20									
Benzene	BRL	1.0									
Bromochloromethane	BRL	1.0									
Bromodichloromethane	BRL	1.0									
Bromoform	BRL	1.0									
Bromomethane	BRL	1.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	2.0									
Chlorobenzene	BRL	1.0									
Chloroethane	BRL	1.0									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234746

Sample ID: **MB-234746** Client ID: Units: **ug/L** Prep Date: **12/13/2016** Run No: **331938**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234746** Analysis Date: **12/13/2016** Seq No: **7227988**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloroform	BRL	1.0									
Chloromethane	BRL	1.0									
cis-1,2-Dichloroethene	BRL	1.0									
cis-1,3-Dichloropropene	BRL	1.0									
Cyclohexane	BRL	2.0									
Dibromochloromethane	BRL	1.0									
Dichlorodifluoromethane	BRL	1.0									
Ethylbenzene	BRL	1.0									
Freon-113	BRL	5.0									
Isopropylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
Methyl acetate	BRL	2.0									
Methyl tert-butyl ether	BRL	1.0									
Methylcyclohexane	BRL	2.0									
Methylene chloride	BRL	5.0									
Naphthalene	BRL	5.0									
o-Xylene	BRL	1.0									
Styrene	BRL	1.0									
Tetrachloroethene	BRL	1.0									
Toluene	BRL	1.0									
trans-1,2-Dichloroethene	BRL	2.0									
trans-1,3-Dichloropropene	BRL	2.0									
Trichloroethene	BRL	1.0									
Trichlorofluoromethane	BRL	1.0									
Vinyl chloride	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	44.16	0	50.00		88.3	66.1	129				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234746

Sample ID: **MB-234746**	Client ID:			Units: **ug/L**	Prep Date: **12/13/2016**	Run No: **331938**
SampleType: **MBLK**	TestCode: **Volatile Organic Compounds by GC/MS** **SW8260B**			BatchID: **234746**	Analysis Date: **12/13/2016**	Seq No: **7227988**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Dibromofluoromethane	53.39	0	50.00		107	83.6	123				
Surr: Toluene-d8	48.03	0	50.00		96.1	81.8	118				

Sample ID: **LCS-234746**	Client ID:			Units: **ug/L**	Prep Date: **12/13/2016**	Run No: **331938**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS** **SW8260B**			BatchID: **234746**	Analysis Date: **12/13/2016**	Seq No: **7227987**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	47.22	2.0	50.00		94.4	68	139				
Benzene	48.04	1.0	50.00		96.1	74	125				
Chlorobenzene	52.55	1.0	50.00		105	75.7	123				
Toluene	48.89	1.0	50.00		97.8	75.9	126				
Trichloroethene	46.96	1.0	50.00		93.9	70.6	129				
Surr: 4-Bromofluorobenzene	45.52	0	50.00		91.0	66.1	129				
Surr: Dibromofluoromethane	52.32	0	50.00		105	83.6	123				
Surr: Toluene-d8	47.58	0	50.00		95.2	81.8	118				

Sample ID: **1612817-023AMS**	Client ID: **MW-28D**			Units: **ug/L**	Prep Date: **12/13/2016**	Run No: **331938**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS** **SW8260B**			BatchID: **234746**	Analysis Date: **12/13/2016**	Seq No: **7227990**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	473.5	20	500.0		94.7	64.3	149				
Benzene	485.4	10	500.0		97.1	71.6	132				
Chlorobenzene	528.5	10	500.0		106	73.1	126				
Toluene	503.7	10	500.0		101	72.5	135				
Trichloroethene	478.9	10	500.0		95.8	70.2	132				
Surr: 4-Bromofluorobenzene	461.9	0	500.0		92.4	66.1	129				
Surr: Dibromofluoromethane	528.7	0	500.0		106	83.6	123				
Surr: Toluene-d8	479.0	0	500.0		95.8	81.8	118				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234746

Sample ID: **1612817-023AMSD** Client ID: **MW-28D** Units: **ug/L** Prep Date: **12/13/2016** Run No: **331938**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234746** Analysis Date: **12/13/2016** Seq No: **7227991**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	499.8	20	500.0		100.0	64.3	149	473.5	5.40	30.8	
Benzene	518.0	10	500.0		104	71.6	132	485.4	6.50	20.7	
Chlorobenzene	556.0	10	500.0		111	73.1	126	528.5	5.07	26.6	
Toluene	529.2	10	500.0		106	72.5	135	503.7	4.94	23.2	
Trichloroethene	508.6	10	500.0		102	70.2	132	478.9	6.02	27.7	
Surr: 4-Bromofluorobenzene	451.4	0	500.0		90.3	66.1	129	461.9	0	0	
Surr: Dibromofluoromethane	535.2	0	500.0		107	83.6	123	528.7	0	0	
Surr: Toluene-d8	486.2	0	500.0		97.2	81.8	118	479.0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234801

Sample ID: **MB-234801** Client ID: Units: **ug/L** Prep Date: **12/13/2016** Run No: **332040**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234801** Analysis Date: **12/13/2016** Seq No: **7230588**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	1.0									
1,1,2,2-Tetrachloroethane	BRL	1.0									
1,1,2-Trichloroethane	BRL	1.0									
1,1-Dichloroethane	BRL	1.0									
1,1-Dichloroethene	BRL	2.0									
1,2,3-Trichlorobenzene	BRL	1.0									
1,2,4-Trichlorobenzene	BRL	1.0									
1,2-Dibromo-3-chloropropane	BRL	1.0									
1,2-Dibromoethane	BRL	1.0									
1,2-Dichlorobenzene	BRL	1.0									
1,2-Dichloroethane	BRL	1.0									
1,2-Dichloropropane	BRL	1.0									
1,3-Dichlorobenzene	BRL	1.0									
1,4-Dichlorobenzene	BRL	1.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	20									
Benzene	BRL	1.0									
Bromochloromethane	BRL	1.0									
Bromodichloromethane	BRL	1.0									
Bromoform	BRL	1.0									
Bromomethane	BRL	1.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	2.0									
Chlorobenzene	BRL	1.0									
Chloroethane	BRL	1.0									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234801

Sample ID: **MB-234801** Client ID: Units: **ug/L** Prep Date: **12/13/2016** Run No: **332040**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234801** Analysis Date: **12/13/2016** Seq No: **7230588**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloroform	BRL	1.0									
Chloromethane	BRL	1.0									
cis-1,2-Dichloroethene	BRL	1.0									
cis-1,3-Dichloropropene	BRL	1.0									
Cyclohexane	BRL	2.0									
Dibromochloromethane	BRL	1.0									
Dichlorodifluoromethane	BRL	1.0									
Ethylbenzene	BRL	1.0									
Freon-113	BRL	5.0									
Isopropylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
Methyl acetate	BRL	2.0									
Methyl tert-butyl ether	BRL	1.0									
Methylcyclohexane	BRL	2.0									
Methylene chloride	BRL	5.0									
Naphthalene	BRL	5.0									
o-Xylene	BRL	1.0									
Styrene	BRL	1.0									
Tetrachloroethene	BRL	1.0									
Toluene	BRL	1.0									
trans-1,2-Dichloroethene	BRL	2.0									
trans-1,3-Dichloropropene	BRL	2.0									
Trichloroethene	BRL	1.0									
Trichlorofluoromethane	BRL	1.0									
Vinyl chloride	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	44.54	0	50.00		89.1	66.1	129				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234801

Sample ID: **MB-234801**	Client ID:			Units: **ug/L**	Prep Date: **12/13/2016**	Run No: **332040**
SampleType: **MBLK**	TestCode: **Volatile Organic Compounds by GC/MS** **SW8260B**			BatchID: **234801**	Analysis Date: **12/13/2016**	Seq No: **7230588**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Dibromofluoromethane	55.07	0	50.00		110	83.6	123				
Surr: Toluene-d8	49.24	0	50.00		98.5	81.8	118				

Sample ID: **LCS-234801**	Client ID:			Units: **ug/L**	Prep Date: **12/13/2016**	Run No: **332040**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS** **SW8260B**			BatchID: **234801**	Analysis Date: **12/13/2016**	Seq No: **7230587**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	50.64	2.0	50.00		101	68	139				
Benzene	49.96	1.0	50.00		99.9	74	125				
Chlorobenzene	54.59	1.0	50.00		109	75.7	123				
Toluene	51.12	1.0	50.00		102	75.9	126				
Trichloroethene	48.40	1.0	50.00		96.8	70.6	129				
Surr: 4-Bromofluorobenzene	44.69	0	50.00		89.4	66.1	129				
Surr: Dibromofluoromethane	53.32	0	50.00		107	83.6	123				
Surr: Toluene-d8	47.99	0	50.00		96.0	81.8	118				

Sample ID: **1612817-003AMS**	Client ID: **MW-2**			Units: **ug/L**	Prep Date: **12/13/2016**	Run No: **332040**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS** **SW8260B**			BatchID: **234801**	Analysis Date: **12/13/2016**	Seq No: **7230591**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	59.88	2.0	50.00		120	64.3	149				
Benzene	58.96	1.0	50.00		118	71.6	132				
Chlorobenzene	62.23	1.0	50.00		124	73.1	126				
Toluene	60.83	1.0	50.00		122	72.5	135				
Trichloroethene	56.81	1.0	50.00		114	70.2	132				
Surr: 4-Bromofluorobenzene	45.33	0	50.00		90.7	66.1	129				
Surr: Dibromofluoromethane	54.21	0	50.00		108	83.6	123				
Surr: Toluene-d8	48.77	0	50.00		97.5	81.8	118				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234801

Sample ID: **1612817-010AMS** Client ID: **MW-45** Units: **ug/L** Prep Date: **12/13/2016** Run No: **332040**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234801** Analysis Date: **12/13/2016** Seq No: **7230594**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	51.45	2.0	50.00		103	64.3	149				
Benzene	51.83	1.0	50.00		104	71.6	132				
Chlorobenzene	55.50	1.0	50.00		111	73.1	126				
Toluene	53.07	1.0	50.00		106	72.5	135				
Trichloroethene	50.73	1.0	50.00		101	70.2	132				
Surr: 4-Bromofluorobenzene	46.17	0	50.00		92.3	66.1	129				
Surr: Dibromofluoromethane	53.87	0	50.00		108	83.6	123				
Surr: Toluene-d8	48.93	0	50.00		97.9	81.8	118				

Sample ID: **1612817-003AMSD** Client ID: **MW-2** Units: **ug/L** Prep Date: **12/13/2016** Run No: **332040**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234801** Analysis Date: **12/13/2016** Seq No: **7230592**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	50.49	2.0	50.00		101	64.3	149	59.88	17.0	30.8	
Benzene	50.74	1.0	50.00		101	71.6	132	58.96	15.0	20.7	
Chlorobenzene	54.04	1.0	50.00		108	73.1	126	62.23	14.1	26.6	
Toluene	52.25	1.0	50.00		104	72.5	135	60.83	15.2	23.2	
Trichloroethene	48.86	1.0	50.00		97.7	70.2	132	56.81	15.0	27.7	
Surr: 4-Bromofluorobenzene	46.74	0	50.00		93.5	66.1	129	45.33	0	0	
Surr: Dibromofluoromethane	54.33	0	50.00		109	83.6	123	54.21	0	0	
Surr: Toluene-d8	49.30	0	50.00		98.6	81.8	118	48.77	0	0	

Sample ID: **1612817-010AMSD** Client ID: **MW-45** Units: **ug/L** Prep Date: **12/13/2016** Run No: **332040**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234801** Analysis Date: **12/13/2016** Seq No: **7230595**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	50.20	2.0	50.00		100	64.3	149	51.45	2.46	30.8	
Benzene	51.23	1.0	50.00		102	71.6	132	51.83	1.16	20.7	

Qualifiers:
> Greater than Result value
< Less than Result value
B Analyte detected in the associated method blank
BRL Below reporting limit
E Estimated (value above quantitation range)
H Holding times for preparation or analysis exceeded
J Estimated value detected below Reporting Limit
N Analyte not NELAC certified
R RPD outside limits due to matrix
Rpt Lim Reporting Limit
S Spike Recovery outside limits due to matrix

Client: Atlanta Environmental Management
Project Name: VLP2 - Welcome Years
Workorder: 1612817

ANALYTICAL QC SUMMARY REPORT

BatchID: 234801

Sample ID: **1612817-010AMSD** Client ID: **MW-45** Units: **ug/L** Prep Date: **12/13/2016** Run No: **332040**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **234801** Analysis Date: **12/13/2016** Seq No: **7230595**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	54.78	1.0	50.00		110	73.1	126	55.50	1.31	26.6	
Toluene	52.55	1.0	50.00		105	72.5	135	53.07	0.985	23.2	
Trichloroethene	49.08	1.0	50.00		98.2	70.2	132	50.73	3.31	27.7	
Surr: 4-Bromofluorobenzene	45.23	0	50.00		90.5	66.1	129	46.17	0	0	
Surr: Dibromofluoromethane	53.71	0	50.00		107	83.6	123	53.87	0	0	
Surr: Toluene-d8	48.12	0	50.00		96.2	81.8	118	48.93	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ATTACHMENT C

Historical Summary of VOCs Detected in Groundwater

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-1									MW-2					
		3/9/06	03/22/06	08/24/06	09/08/10	07/14/11	08/07/13	12/08/14	11/13/15	12/06/16	03/09/06	03/22/06	09/08/10	12/20/10	07/15/11	08/07/13
Chlorinated Solvents, µg/L																
Tetrachloroethene	5	**210**	**240**	**150**	**230**	**190**	**25.3**	**244**	**15**	**68**	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Trichloroethene	5	<5.0	<5.0	<5.0	<5.0	**1.22**	<1.00	**2.49**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
cis-1,2-Dichloroethene	70	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
trans-1,2-Dichloroethene	100	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,1-Dichloroethene	7	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Vinyl Chloride	2	<2.0	<2.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<1.00	<1.00
1,1,1-Trichloroethane	200	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,1,2-Trichloroethane	5	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,1-Dichloroethane	4,000	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,2-Dichloroethane	5	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Chloroethane	1*	<10	<10	<10	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<10	<10	<10	<1.00	<1.00
Total Solvents, µg/L		**210**	**240**	**150**	**230**	**191**	**25**	**246**	**15**	**68**	BDL	BDL	BDL	BDL	BDL	BDL
Aromatic Hydrocarbons, µg/L																
Benzene	5	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Chlorobenzene	100	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,2-Dichlorobenzene	600	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,3-Dichlorobenzene	1*	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,4-Dichlorobenzene	75	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Ethylbenzene	700	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Isopropylbenzene	1*	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Naphthalene	20					<1.00	<1.00	<1.00	<5.0	<5.0					<1.00	<1.00
Toluene	1,000	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,2,3-Trichlorobenzene	1*	NA	NA	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<1.00	<1.00
1,2,4-Trichlorobenzene	70	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
m,p-Xylene	10,000	<10	<10	<10	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<10	<10	<10	<2.00	<2.00
o-Xylene	10,000	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																
Acetone	4,000	<50	<50	<50	<50	<10.0	<10.0	<2.00	<20	<20	<50	<50	<50	<50	<10.0	<10.0
2-Butanone (MEK)	2,000					<10.0	<10.0	<2.00	<10	<10					<10.0	<10.0
Carbon Tetrachloride	5					<1.00	<1.00	<1.00	<2.0	<2.0					<1.00	<1.00
Chloroform	80	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Methyl tert-butyl ether	NR	<5.0	<5.0	<5.0	<5.0	<2.00	<2.00	**4.84**	**1.10**	**1.4**	**15**	**5.40**	**9.20**	<5.0	<2.00	<2.00
Cyclohexane	1*	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Methylcyclohexane	1*	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	NA	NA	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00
Total VOCs, µg/L		**210**	**240**	**150**	**230**	**191**	**25**	**251**	**16**	**69**	**15**	**5**	**9**	BDL	BDL	BDL

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-2			MW-3/MW-3R											MW-4			
		12/08/14	11/12/15	12/06/16	3/22/2006	8/24/2006	09/09/10	9/9/2010 DUP	07/13/11	08/08/13	8/8/2013 DUP	12/08/14	11/12/15	12/06/16	12/6/2016 DUP	11/09/06	09/08/10	07/15/11	08/07/13
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	<1.00	<1.0	<1.0	**2,200**	**1,900**	**1,600**	**1,300**	**1,380**	**454**	**484**	**72.3**	**80**	**130**	**120**	**58**	**9.90**	**73**	**251**
Trichloroethene	5	<1.00	<1.0	<1.0	**7.00**	<5.0	<5.0	<5.0	**1.79**	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	**3.32**	**5.45**
cis-1,2-Dichloroethene	70	<1.00	<1.0	<1.0	**5.20**	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	**1.72**	**4.84**
trans-1,2-Dichloroethene	100	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00
1,1-Dichloroethene	7	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00
Vinyl Chloride	2	<1.00	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<2.0	<2.0	<1.00	<1.00
1,1,1-Trichloroethane	200	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
1,1,2-Trichloroethane	5	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
1,1-Dichloroethane	4,000	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
1,2-Dichloroethane	5	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
Chloroethane	1*	<1.00	<1.0	<1.0	<10	<10	<10	<10	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<10	<10	<1.00	<1.00
Total Solvents, µg/L		BDL	BDL	BDL	**2,212**	**1,900**	**1,600**	**1,300**	**1,382**	**454**	**484**	**72**	**80**	**130**	**120**	**58**	**10**	**78**	**261**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
Chlorobenzene	100	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
1,2-Dichlorobenzene	600	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
1,3-Dichlorobenzene	1*	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
1,4-Dichlorobenzene	75	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
Ethylbenzene	700	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
Isopropylbenzene	1*	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
Naphthalene	20	<1.00	<5.0	<5.0					<1.00	<1.00	<1.00	<1.00	<5.0	<5.0	<5.0			<1.00	<1.00
Toluene	1,000	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
1,2,3-Trichlorobenzene	1*	<1.00	<1.0	<1.0	NA	NA	NA	NA	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	NA	NA	<1.00	<1.00
1,2,4-Trichlorobenzene	70	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
m,p-Xylene	10,000	<2.00	<1.0	<1.0	<10	<10	<10	<10	<2.00	<2.00	<2.00	<2.00	<1.0	<1.0	<1.0	<10	<10	<2.00	<2.00
o-Xylene	10,000	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																			
Acetone	4,000	<2.00	<20	<20	<50	<50	<50	<50	<10.0	<10.0	<10.0	<2.00	<20	<20	<20	<50	<50	<10.0	<10.0
2-Butanone (MEK)	2,000	<2.00	<10	<10					<10.0	<10.0	<10.0	<2.00	<10	<10	<10			<10.0	<10.0
Carbon Tetrachloride	5	<1.00	<2.0	<2.0					<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0			<1.00	<1.00
Chloroform	80	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00
Methyl tert-butyl ether	NR	<2.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<2.00	<2.00	<2.00	<2.00	<1.0	<1.0	<1.0	<5.0	<5.0	<2.00	<2.00
Cyclohexane	1*	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00
Methylcyclohexane	1*	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<1.00	<5.0	<5.0	NA	NA	NA	NA	<1.00	<1.00	<1.00	<1.00	<5.0	<5.0	<5.0	NA	NA	<1.00	<1.00
Total VOCs, µg/L		BDL	BDL	BDL	**2,212**	**1,900**	**1,600**	**1,300**	**1,382**	**454**	**484**	**72**	**80**	**130**	**120**	**58**	**10**	**78**	**261**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-4			MW-5								MW-6						
		12/11/14	11/12/15	12/06/16	05/25/06	06/23/06	09/10/10	07/14/11	08/06/13	12/11/14	11/12/15	12/08/16	05/25/06	06/23/06	9/9/2010	07/14/11	08/06/13	12/11/14	11/12/15
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	**18**	**98**	**200**	**470**	**290**	**58**	**98**	**76.7**	**148**	**72**	**51**	**900**	**520**	**130**	**101**	**198**	**510**	**120**
Trichloroethene	5	**4.6**	**3**	**4.5**	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
cis-1,2-Dichloroethene	70	**8.84**	**2.2**	**1.9**	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	**14**	**11**	<5.0	<1.00	<1.00	<1.00	<1.0
trans-1,2-Dichloroethene	100	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0
1,1-Dichloroethene	7	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0
Vinyl Chloride	2	<1.00	<1.0	<1.0	<2.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0
1,1,1-Trichloroethane	200	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
1,1,2-Trichloroethane	5	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
1,1-Dichloroethane	4,000	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
1,2-Dichloroethane	5	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
Chloroethane	1*	<1.00	<1.0	<1.0	<10	<10	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<10	<10	<1.00	<1.00	<1.00	<1.0
Total Solvents, µg/L		**31**	**103**	**206**	**470**	**290**	**58**	**98**	**77**	**148**	**72**	**51**	**914**	**531**	**130**	**101**	**198**	**510**	**120**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
Chlorobenzene	100	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
1,2-Dichlorobenzene	600	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
1,3-Dichlorobenzene	1*	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
1,4-Dichlorobenzene	75	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
Ethylbenzene	700	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
Isopropylbenzene	1*	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
Naphthalene	20	<1.00	<5.0	<5.0				<1.00	<1.00	<1.00	<5.0	<5.0				<1.00	<1.00	<1.00	<5.0
Toluene	1,000	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
1,2,3-Trichlorobenzene	1*	<1.00	<1.0	<1.0	NA	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	<1.00	<1.00	<1.00	<1.0
1,2,4-Trichlorobenzene	70	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
m,p-Xylene	10,000	<2.00	<1.0	<1.0	<10	<10	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<10	<10	<2.00	<2.00	<2.00	<1.0
o-Xylene	10,000	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																			
Acetone	4,000	<2.00	<20	<20	<50	<50	<50	<10.0	<10.0	<2.00	<20	<20	<50	<50	<50	<10.0	<10.0	<2.00	<20
2-Butanone (MEK)	2,000	<2.00	<10	<10				<10.0	<10.0	<2.00	<10	<10				<10.0	<10.0	<2.00	<10
Carbon Tetrachloride	5	<1.00	<2.0	<2.0				<1.00	<1.00	<1.00	<2.0	<2.0				<1.00	<1.00	<1.00	<2.0
Chloroform	80	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0
Methyl tert-butyl ether	NR	<2.00	<1.0	<1.0	<5.0	<5.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<5.0	<5.0	<2.00	<2.00	<2.00	<1.0
Cyclohexane	1*	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0
Methylcyclohexane	1*	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<1.00	<5.0	<5.0	NA	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	NA	NA	<1.00	<1.00	<1.00	<5.0
Total VOCs, µg/L		**31**	**103**	**206**	**470**	**290**	**58**	**98**	**77**	**148**	**72**	**51**	**914**	**531**	**130**	**101**	**198**	**510**	**120**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-6	MW-7										MW-8							MW-9
		12/08/16	5/25/2006	6/23/2006	9/10/2010	9/10/2010	07/14/11	08/06/13	12/11/14	11/12/15	12/08/16	12/8/2016 DUP	08/24/06	09/09/10	07/14/11	08/06/13	12/11/14	11/11/15	12/08/16	08/24/06
Chlorinated Solvents, µg/L																				
Tetrachloroethene	5	**89**	**31**	**28**	**77**	**81**	**71**	**123**	**520**	**230**	**130**	**130**	**52**	**220**	**87**	**23.6**	**15.1**	**9.2**	**12**	**150**
Trichloroethene	5	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	**1.57**	**2.78**	**3.5**	**3.2**	**3.2**	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
cis-1,2-Dichloroethene	70	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
trans-1,2-Dichloroethene	100	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0
1,1-Dichloroethene	7	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0
Vinyl Chloride	2	<1.0	<2.0	<2.0	<2.0	<2.0	<2.00	<2.00	<2.00	<1.0	<1.0	<1.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0
1,1,1-Trichloroethane	200	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
1,1,2-Trichloroethane	5	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
1,1-Dichloroethane	4,000	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
1,2-Dichloroethane	5	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
Chloroethane	1*	<1.0	<10	<10	<10	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<10	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10
Total Solvents, µg/L		**89**	**31**	**28**	**77**	**81**	**71**	**125**	**523**	**234**	**133**	**133**	**52**	**220**	**87**	**24**	**15**	**9**	**12**	**150**
Aromatic Hydrocarbons, µg/L																				
Benzene	5	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
Chlorobenzene	100	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
1,2-Dichlorobenzene	600	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
1,3-Dichlorobenzene	1*	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	**2.30**	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
1,4-Dichlorobenzene	75	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	**2.34**	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
Ethylbenzene	700	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
Isopropylbenzene	1*	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
Naphthalene	20	<5.0					<1.00	<1.00	<1.00	<5.0	<5.0	<5.0			<1.00	<1.00	<1.00	<5.0	<5.0	
Toluene	1,000	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
1,2,3-Trichlorobenzene	1*	<1.0	NA	NA	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA
1,2,4-Trichlorobenzene	70	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	**2.77**	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
m,p-Xylene	10,000	<1.0	<10	<10	<10	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<1.0	<10	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10
o-Xylene	10,000	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	**7.41**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																				
Acetone	4,000	<20	<50	<50	<50	<50	<10.0	<10.0	<2.00	<20	<20	<20	<50	<50	<10.0	<10.0	<2.00	<20	<20	<50
2-Butanone (MEK)	2,000	<10					<10.0	<10.0	<2.00	<10	<10	<10			<10.0	<10.0	<2.00	<10	<10	
Carbon Tetrachloride	5	<2.0					<1.00	<1.00	<1.00	<2.0	<2.0	<2.0			<1.00	<1.00	<1.00	<2.0	<2.0	
Chloroform	80	<1.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<5.0	<5.0	**1.31**	**3.78**	<1.00	**1.4**	<1.0	<5.0
Methyl tert-butyl ether	NR	<1.0	<5.0	<5.0	<5.0	<5.0	<2.00	<2.00	<2.00	**1.4**	**1.7**	**1.6**	<5.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0
Cyclohexane	1*	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0
Methylcyclohexane	1*	<2.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	NA	NA	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0	<5.0	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA
Total VOCs, µg/L		**89**	**31**	**28**	**77**	**81**	**71**	**132**	**523**	**235**	**135**	**135**	**52**	**220**	**88**	**27**	**15**	**11**	**12**	**150**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-9						MW-10							MW-11					
		09/09/10	07/14/11	08/08/13	12/11/14	11/12/15	12/08/16	08/24/06	09/08/10	07/13/11	08/07/13	12/12/14	11/13/15	12/06/16	08/24/06	09/08/10	07/14/11	08/09/13	8/9/2013 DUP	12/09/14
Chlorinated Solvents, µg/L																				
Tetrachloroethene	5	**790**	**646**	**36.2**	**11.1**	**20**	**18**	**290**	**860**	**777**	**394**	**199**	**120**	**65**	**1,100**	**230**	**585**	**10.1**	**9.7**	**351**
Trichloroethene	5	**7.20**	**4.30**	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	**1.73**	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	70	**5.70**	**5.63**	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
trans-1,2-Dichloroethene	100	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethene	7	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Vinyl Chloride	2	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	200	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	5	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	4,000	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	5	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Chloroethane	1*	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<10	<1.00	<1.00	<1.00	<1.00
Total Solvents, µg/L		**803**	**656**	**36**	**11**	**20**	**18**	**290**	**860**	**779**	**394**	**199**	**120**	**65**	**1,100**	**230**	**585**	**10**	**10**	**351**
Aromatic Hydrocarbons, µg/L																				
Benzene	5	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	100	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	600	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	1*	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	75	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	700	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Isopropylbenzene	1*	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	**5.60**	<5.0	**3.80**	<1.00	<1.00	**2.1**	**6.2**	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Naphthalene	20		<1.00	<1.00	<1.00	<5.0	<5.0			<1.00	**6.05**	**4.13**	**20**	**110**			<1.00	<1.00	<1.00	<1.00
Toluene	1,000	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,2,3-Trichlorobenzene	1*	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	<1.00	<1.00	<1.00	<1.00
1,2,4-Trichlorobenzene	70	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
m,p-Xylene	10,000	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<10	**2.35**	<1.00	<1.00	**2.6**	**11**	<10	<10	<2.00	<2.00	<2.00	<2.00
o-Xylene	10,000	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	**8.60**	<5.0	**4.98**	<1.00	**3.08**	**5.1**	**20**	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	**14**	BDL	**11.13**	**6.05**	**7.21**	**30**	**147.2**	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																				
Acetone	4,000	<50	<10.0	<10.0	<2.00	<20	<20	<50	<50	<10.0	<10.0	<2.00	<20	<20	<50	<50	<10.0	<10.0	<10.0	<2.00
2-Butanone (MEK)	2,000		<10.0	<10.0	<2.00	<10	<10			<10.0	<10.0	<2.00	<10	<10			<10.0	<10.0	<10.0	<2.00
Carbon Tetrachloride	5		<1.00	<1.00	<1.00	<2.0	<2.0			<1.00	<1.00	<1.00	<2.0	<2.0			<1.00	<1.00	<1.00	<1.00
Chloroform	80	<5.0	**5.55**	**6.47**	**2.6**	**2.7**	**3.1**	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Methyl tert-butyl ether	NR	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<5.0	<2.00	<2.00	<2.00	<2.00
Cyclohexane	1*	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Methylcyclohexane	1*	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	NA	<1.00	<1.00	<1.00	<1.00
Total VOCs, µg/L		**803**	**661**	**43**	**14**	**23**	**21**	**304**	**860**	**790**	**400**	**206**	**150**	**212**	**1,100**	**230**	**585**	**10**	**10**	**351**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-11				MW-12							MW-13						
		11/13/15	11/13/2015 (Dup)	12/08/16	12/8/2016 DUP	8/24/2006	09/08/10	07/15/11	08/07/13	12/08/14	11/12/15	12/05/16	08/24/06	09/09/10	07/15/11	08/08/13	12/11/14	12/11/2014 (DUP)	11/12/15
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	**190**	**260**	**200**	**210**	<5.0	**36**	**8.29**	**7.12**	**4.54**	**5.1**	**1.2**	**15**	**14**	**4.24**	**4.16**	**14.5**	**14**	**12**
Trichloroethene	5	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	**2.95**	<1.00	<1.00	<1.00	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
trans-1,2-Dichloroethene	100	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
1,1-Dichloroethene	7	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
Vinyl Chloride	2	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,1-Dichloroethane	4,000	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Chloroethane	1*	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<10	<1.00	<1.00	<1.00	<1.00	<1.0
Total Solvents, µg/L		**190**	**260**	**200**	**210**	BDL	**36**	**8.29**	**7.12**	**4.54**	**5.1**	**1.2**	**15**	**14**	**7.19**	**4.16**	**14.5**	**14**	**12**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Chlorobenzene	100	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,2-Dichlorobenzene	600	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,3-Dichlorobenzene	1*	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,4-Dichlorobenzene	75	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Ethylbenzene	700	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Isopropylbenzene	1*	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Naphthalene	20	<5.0	<5.0	<5.0	<5.0			<1.00	<1.00	<1.00	<5.0	<5.0			<1.00	<1.00	<1.00	<1.00	<5.0
Toluene	1,000	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,2,3-Trichlorobenzene	1*	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	<1.00	<1.00	<1.00	<1.00	<1.0
1,2,4-Trichlorobenzene	70	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
m,p-Xylene	10,000	<1.0	<1.0	<1.0	<1.0	<10	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<10	<2.00	<2.00	<2.00	<2.00	<1.0
o-Xylene	10,000	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																			
Acetone	4,000	<20	<20	<20	<20	<50	<50	<10.0	<10.0	<2.00	<20	<20	<50	<50	<10.0	<10.0	<2.00	<2.00	<20
2-Butanone (MEK)	2,000	<10	<10	<10	<10			<10.0	<10.0	<2.00	<10	<10			<10.0	<10.0	<2.00	<2.00	<10
Carbon Tetrachloride	5	<2.0	<2.0	<2.0	<2.0			<1.00	<1.00	<1.00	<2.0	<2.0			<1.00	<1.00	<1.00	<1.00	<2.0
Chloroform	80	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.00	**1.02**	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	**1.18**	**1.43**	**1.36**	<1.0
Methyl tert-butyl ether	NR	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<5.0	<2.00	<2.00	<2.00	<2.00	<1.0
Cyclohexane	1*	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
Methylcyclohexane	1*	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	<5.0	<5.0	<5.0	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	NA	<1.00	<1.00	<1.00	<1.00	<5.0
Total VOCs, µg/L		**190**	**260**	**200**	**210**	BDL	**36**	**8**	**8**	**5**	**5**	**1**	**15**	**14**	**7**	**5**	**16**	**15**	**12**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-13	MW-14D												MW-15 (formerly MW-2 Ethel Street Property)				
		12/06/16	11/09/06	11/09/06	03/02/07	03/02/07	09/08/10	9/8/2010 DUP	07/15/11	7/15/2011 DUP	08/09/13	12/08/14	11/13/15	12/08/16	12/05/02	12/31/06	03/23/06	03/23/06	03/02/07
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	**7.0**	**340**	**340**	**67**	**71**	**160**	**160**	**121**	**123**	**88.1**	**130**	**90**	**75**	NA	NA	NA	NA	<5.0
Trichloroethene	5	<1.00	<5.0	<5.0	<5.0	<5.0	**1.22**	<5.0	**1.95**	**2.28**	**2.67**	<1.00	**4**	**3.2**	NA	NA	NA	NA	<5.0
cis-1,2-Dichloroethene	70	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	**1.72**	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
trans-1,2-Dichloroethene	100	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	NA	NA	NA	NA	<5.0
1,1-Dichloroethene	7	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	NA	NA	NA	NA	<5.0
Vinyl Chloride	2	<1.00	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<2.0
1,1,1-Trichloroethane	200	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
1,1,2-Trichloroethane	5	<1.00	<5.0	**8.20**	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
1,1-Dichloroethane	4,000	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
1,2-Dichloroethane	5	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
Chloroethane	1*	<1.00	<10	<10	<10	<10	<10	<10	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<10
Total Solvents, µg/L		**7.0**	**340**	**348**	**67**	**71**	**161**	**160**	**123**	**127**	**91**	**130**	**94**	**78**	NA	NA	NA	NA	BDL
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
Chlorobenzene	100	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
1,2-Dichlorobenzene	600	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
1,3-Dichlorobenzene	1*	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	75	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	700	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
Isopropylbenzene	1*	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
Naphthalene	20	<1.00							<1.00	<1.00	<1.00	<1.00	<5.0	<5.0					
Toluene	1,000	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
1,2,3-Trichlorobenzene	1*	<1.00	NA	NA	NA	NA	NA	NA	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	70	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.00	<5.0	<5.0	<5.0	<5.0
m,p-Xylene	10,000	<2.00	<10	<10	<10	<10	<10	<10	<2.00	<2.00	<2.00	<2.00	**4.2**	<2.00	NA	NA	NA	NA	<10
o-Xylene	10,000	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	**2.8**	<1.00	NA	NA	NA	NA	<5.0
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**7.0**	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																			
Acetone	4,000	<2.00	<50	<50	<50	<50	<50	<50	<10.0	<10.0	<10.0	<2.00	<20	<20	NA	NA	NA	NA	<50
2-Butanone (MEK)	2,000	<2.00							<10.0	<10.0	<10.0	<2.00	<10	<10					
Carbon Tetrachloride	5	<1.00							<1.00	<1.00	<1.00	<1.00	<2.0	<2.0					
Chloroform	80	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
Methyl tert-butyl ether	NR	<2.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.00	<2.00	<2.00	<2.00	<1.0	<1.0	NA	NA	NA	NA	<5.0
Cyclohexane	1*	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	NA	NA	NA	NA	<5.0
Methylcyclohexane	1*	<1.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	NA	NA	NA	NA	<5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<1.00	NA	NA	NA	NA	NA	NA	<1.00	<1.00	<1.00	<1.00	<5.0	<5.0	NA	NA	NA	NA	NA
Total VOCs, µg/L		**7**	**340**	**348**	**67**	**71**	**161**	**160**	**123**	**127**	**91**	**130**	**101**	**78**	BDL	BDL	BDL	BDL	BDL

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-15 (formerly MW-2 Ethel Street Property)						MW-16 (formerly MW-3 Ethel Street Property)											
		09/10/10	07/12/11	08/05/13	12/09/14	11/10/15	12/07/16	12/05/02	12/31/02	06/23/06	06/23/06	11/09/06	09/10/10	12/21/10	07/12/11	08/05/13	12/09/14	11/11/15	12/05/16
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Trichloroethene	5	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
cis-1,2-Dichloroethene	70	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
trans-1,2-Dichloroethene	100	<5.0	<1.00	<1.00	<1.00	<2.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0
1,1-Dichloroethene	7	<5.0	<1.00	<1.00	<1.00	<2.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0
Vinyl Chloride	2	<2.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<2.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,1,1-Trichloroethane	200	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,1,2-Trichloroethane	5	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,1-Dichloroethane	4,000	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2-Dichloroethane	5	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Chloroethane	1*	<10	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<10	<10	<10	<1.00	<1.00	<1.00	<1.0	<1.0
Total Solvents, µg/L		BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Chlorobenzene	100	<5.0	**1.01**	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2-Dichlorobenzene	600	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,3-Dichlorobenzene	1*	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,4-Dichlorobenzene	75	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Ethylbenzene	700	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Isopropylbenzene	1*	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Naphthalene	20		<1.00	<1.00	<1.00	<5.0	Dry								<1.00	<1.00	<1.00	<5.0	<5.0
Toluene	1,000	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2,3-Trichlorobenzene	1*	NA	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	NA	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0
1,2,4-Trichlorobenzene	70	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
m,p-Xylene	10,000	<10	<2.00	<2.00	<2.00	<1.0	Dry	NA	NA	NA	NA	<10	<10	<10	<2.00	<2.00	<2.00	<1.0	<1.0
o-Xylene	10,000	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Total Aromatics, µg/L		BDL	**1.01**	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																			
Acetone	4,000	<50	<10.0	<10.0	<2.00	<20	Dry	NA	NA	NA	NA	<50	<50	<50	<10.0	<10.0	<2.00	<20	<20
2-Butanone (MEK)	2,000		<10.0	<10.0	<2.00	<10	Dry								<10.0	<10.0	<2.00	<10	<10
Carbon Tetrachloride	5		<1.00	<1.00	<1.00	<2.0	Dry								<1.00	<1.00	<1.00	<2.0	<2.0
Chloroform	80	<5.0	<1.00	<1.00	<1.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Methyl tert-butyl ether	NR	<5.0	<2.00	<2.00	<2.00	<1.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0
Cyclohexane	1*	<5.0	<1.00	<1.00	<1.00	<2.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0
Methylcyclohexane	1*	<5.0	<1.00	<1.00	<1.00	<2.0	Dry	NA	NA	NA	NA	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	NA	<1.00	<1.00	<1.00	<5.0	Dry	NA	NA	NA	NA	NA	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0
Total VOCs, µg/L		BDL	**1**	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-17 (formerly MW-1 Ethel Street Property)											MW-18*	MW-19*	MW-20*	MW-21			
		12/05/02	12/31/06	03/23/06	10/02/06	11/09/06	09/09/10	12/21/10	07/12/11	08/05/13	12/09/14	11/11/15	12/05/16	04/20/07	04/20/07	04/20/07	04/20/07	12/20/10	07/14/11	08/06/13
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	NA	NA	NA	**5.60**	**9.00**	<5.0	**6.0**	**1.46**	<1.00	<1.00	<1.0	<1.0	**93**	**240**	<5.00	**190**	**790**	**978**	**181**
Trichloroethene	5	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	**5.46**	<1.00	<1.00	<1.0	**1.0**	<5.00	<5.00	<5.00	<5.0	**5.70**	**6.32**	**1.23**
cis-1,2-Dichloroethene	70	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	**4.76**	**1.23**	**4.31**	**2.4**	**3.6**	<5.00	<5.00	<5.00	<5.0	<5.0	**6.39**	<1.00
trans-1,2-Dichloroethene	100	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
1,1-Dichloroethene	7	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
Vinyl Chloride	2	NA	NA	NA	<2.0	<2.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00
1,1,1-Trichloroethane	200	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
1,1,2-Trichloroethane	5	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
1,1-Dichloroethane	4,000	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	**5.64**	**1.07**	**4.27**	**1.9**	**3.4**	<5.00	<5.00	<5.00	<5.0	<5.0	<1.00	<1.00
1,2-Dichloroethane	5	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
Chloroethane	1*	NA	NA	NA	<10	<10	<10	<10	<1.00	<1.00	<1.00	<1.0	**5.6**	<1.00	<1.00	<1.00	<10	<10	<1.00	<1.00
Total Solvents, µg/L		NA	NA	NA	**5.60**	**9.00**	BDL	**6.0**	**17**	**2.30**	**8.58**	**4.30**	**14**	**93**	**240**	BDL	**190**	**796**	**991**	**182**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	**1.52**	<1.00	<1.0	**6.2**	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
Chlorobenzene	100	NA	NA	NA	**28**	**8.50**	**34**	**17**	**11**	**33**	**22.1**	**21**	**120**	<5.00	<5.00	<5.00	<5.0	<5.0	<1.00	<1.00
1,2-Dichlorobenzene	600	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
1,3-Dichlorobenzene	1*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
1,4-Dichlorobenzene	75	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	**1.29**	<1.00	**1**	**4.3**	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
Ethylbenzene	700	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
Isopropylbenzene	1*	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
Naphthalene	20								<1.00	<1.00	<1.00	<5.0	<5.0						<1.00	<1.00
Toluene	1,000	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
1,2,3-Trichlorobenzene	1*	NA	NA	NA	NA	NA	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	NA	NA	<1.00	<1.00
1,2,4-Trichlorobenzene	70	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
m,p-Xylene	10,000	NA	NA	NA	<10	<10	<10	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<2.00	<2.00	<2.00	<10	<10	<2.00	<2.00
o-Xylene	10,000	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
Total Aromatics, µg/L		BDL	BDL	BDL	**28**	**8.50**	**34**	**17**	**11**	**36**	**22**	**22**	**131**	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																				
Acetone	4,000	NA	NA	NA	<50	<50	<50	<50	<10.0	<10.0	<2.00	<20	<20	<10.0	<10.0	<10.0	<50	<50	<10.0	<10.0
2-Butanone (MEK)	2,000								<10.0	<10.0	<2.00	<10	<10						<10.0	<10.0
Carbon Tetrachloride	5								<1.00	<1.00	<1.00	<2.0	<2.0						<1.00	<1.00
Chloroform	80	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<5.0	<5.0	**3.13**	**4.84**
Methyl tert-butyl ether	NR	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<2.00	<2.00	<2.00	<5.0	<5.0	<2.00	<2.00
Cyclohexane	1*	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
Methylcyclohexane	1*	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	NA	NA	NA	NA	NA	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	NA	NA	<1.00	<1.00
Total VOCs, µg/L		BDL	BDL	BDL	**34**	**18**	**34**	**23**	**29**	**38**	**31**	**26**	**144**	**93**	**240**	BDL	**190**	**796**	**994**	**187**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-21				MW-22*	MW-23							MW-24					
		8/6/2013 DUP	12/11/14	11/10/15	12/08/16	4/20/2007	9/10/2010	12/20/2010	07/14/11	08/06/13	12/09/14	11/11/15	12/08/16	9/13/2010	07/12/11	08/06/13	8/6/2013 DUP	12/10/14	11/10/15
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	**184**	**56.7**	**93**	**36**	<5.00	<5.0	<5.0	**1.68**	**2.81**	**23.1**	**6.3**	**26**	**170**	**937**	**699**	**404**	**91.2**	**160**
Trichloroethene	5	**1.23**	<1.00	<1.0	<1.0	<5.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	**5.54**	**4.42**	**2.94**	<1.00	**1.5**
cis-1,2-Dichloroethene	70	<1.00	<1.00	<1.0	<1.0	<5.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	**4.85**	**3.87**	**2.20**	<1.00	<1.0
trans-1,2-Dichloroethene	100	<1.00	<1.00	<2.0	<2.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
1,1-Dichloroethene	7	<1.00	<1.00	<2.0	<2.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
Vinyl Chloride	2	<1.00	<1.00	<1.0	<1.0	<1.00	<2.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,1,1-Trichloroethane	200	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,1,2-Trichloroethane	5	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	**17**	<1.00	<1.00	<1.00	<1.0
1,1-Dichloroethane	4,000	<1.00	<1.00	<1.0	<1.0	<5.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,2-Dichloroethane	5	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Chloroethane	1*	<1.00	<1.00	<1.0	<1.0	<1.00	<10	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<1.00	<1.00	<1.00	<1.00	<1.0
Total Solvents, µg/L		**185**	**57**	**93**	**36**	BDL	BDL	BDL	**1.68**	**2.81**	**23.10**	**6.30**	**26**	**170**	**965**	**707**	**409**	**91**	**162**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Chlorobenzene	100	<1.00	<1.00	<1.0	<1.0	<5.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,2-Dichlorobenzene	600	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,3-Dichlorobenzene	1*	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,4-Dichlorobenzene	75	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Ethylbenzene	700	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Isopropylbenzene	1*	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Naphthalene	20	<1.00	<1.00	<5.0	<5.0				<1.00	<1.00	<1.00	<5.0	<5.0		<1.00	<1.00	<1.00	<1.00	<5.0
Toluene	1,000	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,2,3-Trichlorobenzene	1*	<1.00	<1.00	<1.0	<1.0	<1.00	NA	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	<1.00	<1.00	<1.00	<1.00	<1.0
1,2,4-Trichlorobenzene	70	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
m,p-Xylene	10,000	<2.00	<2.00	<1.0	<1.0	<2.00	<10	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<2.00	<2.00	<2.00	<2.00	<1.0
o-Xylene	10,000	<1.00	<1.00	<1.0	<1.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																			
Acetone	4,000	<10.0	<2.00	<20	<20	<10.0	<50	<50	<10.0	<10.0	<2.00	<20	<20	<50	<10.0	<10.0	<10.0	<2.00	<20
2-Butanone (MEK)	2,000	<10.0	<2.00	<10	<10				<10.0	<10.0	<2.00	<10	<10		<10.0	<10.0	<10.0	<2.00	<10
Carbon Tetrachloride	5	<1.00	<1.00	<2.0	<2.0				<1.00	<1.00	<1.00	<2.0	<2.0		<1.00	<1.00	<1.00	<1.00	<2.0
Chloroform	80	**4.69**	**7.43**	**2.9**	**2.5**	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	**1**	<1.0	**5.00**	**4.34**	**3.87**	**2.74**	**1.17**	**1.9**
Methyl tert-butyl ether	NR	<2.00	<2.00	<1.0	<1.0	<2.00	<5.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<2.00	<2.00	<2.00	<2.00	<1.0
Cyclohexane	1*	<1.00	<1.00	<2.0	<2.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
Methylcyclohexane	1*	<1.00	<1.00	<2.0	<2.0	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<1.00	<1.00	<5.0	<5.0	<1.00	NA	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	<1.00	<1.00	<1.00	<1.00	<5.0
Total VOCs, µg/L		**190**	**64**	**96**	**39**	BDL	BDL	BDL	**2**	**3**	**23**	**7**	**26**	**175**	**969**	**711**	**412**	**92**	**163**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-24		MW-25D				MW-25D								MW-26			
		12/06/16	12/6/2016 DUP	12/21/2010	12/21/2010	07/15/11	7/15/2011 DUP	08/09/13	10/02/13	12/11/14	12/11/14 (DUP)	11/13/15	12/11/14 (DUP)	11/13/15	12/09/16	9/13/2010	07/14/11	08/06/13	01/05/15
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	**58**	**64**	**39**	**37**	**3.08**	**2.63**	**979**	**15.4**	**1.62**	**1.48**	**280**	**1.48**	**280**	<1.00	**8.70**	**1.53**	<1.00	<1.00
Trichloroethene	5	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	**1.48**	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	**1.53**
cis-1,2-Dichloroethene	70	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	**1.77**	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	**1.97**
trans-1,2-Dichloroethene	100	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.0	<1.00	<2.0	<1.00	<5.0	<1.00	<1.00	<1.00
1,1-Dichloroethene	7	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.0	<1.00	<2.0	<1.00	<5.0	<1.00	<1.00	<1.00
Vinyl Chloride	2	<1.0	<1.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<2.0	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	200	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	5	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
1,1-Dichloroethane	4,000	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
1,2-Dichloroethane	5	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	**1.93**
Chloroethane	1*	<1.0	<1.0	<10	<10	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<10	<1.00	<1.00	<1.00
Total Solvents, µg/L		**58**	**64**	**39**	**37**	**3.08**	**2.63**	**982**	**15**	**2**	**1**	**0**	**1**	**280**	BDL	**8.70**	**1.53**	BDL	**5.43**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
Chlorobenzene	100	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	**7.72**	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	**2.10**	**13.8**	<1.00
1,2-Dichlorobenzene	600	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	1*	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	75	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	**1.71**	<1.00
Ethylbenzene	700	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
Isopropylbenzene	1*	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
Naphthalene	20	<5.0	<5.0			<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.0	<1.00	<5.0	<1.00		<1.00	<1.00	<1.00
Toluene	1,000	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
1,2,3-Trichlorobenzene	1*	<1.0	<1.0	NA	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	NA	<1.00	<1.00	<1.00
1,2,4-Trichlorobenzene	70	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	**1.80**	<1.00	<1.00
m,p-Xylene	10,000	<1.0	<1.0	<10	<10	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<1.0	<2.00	<1.0	<2.00	<10	<2.00	<2.00	<2.00
o-Xylene	10,000	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	<1.00
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	**7.72**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**3.90**	**15.51**	BDL
Other VOCs, µg/L																			
Acetone	4,000	<20	<20	<50	<50	<10.0	<10.0	<10.0	<10.0	<2.00	<2.00	<20	<2.00	<20	<2.00	<50	<10.0	<10.0	<10.0
2-Butanone (MEK)	2,000	<10	<10			<10.0	<10.0	<10.0	<10.0	<2.00	<2.00	<10	<2.00	<10	<2.00		<10.0	<10.0	<10.0
Carbon Tetrachloride	5	<2.0	<2.0			<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.0	<1.00	<2.0	<1.00		<1.00	<1.00	<1.00
Chloroform	80	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	**1.51**	<1.00	<1.00	<1.00	<1.0	<1.00	<1.0	<1.00	<5.0	<1.00	<1.00	**1.42**
Methyl tert-butyl ether	NR	<1.0	<1.0	<5.0	<5.0	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<1.0	<2.00	<1.0	<2.00	<5.0	<2.00	<2.00	<2.00
Cyclohexane	1*	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.0	<1.00	<2.0	<1.00	<5.0	<1.00	<1.00	<1.00
Methylcyclohexane	1*	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<2.0	<1.00	<2.0	<1.00	<5.0	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	<5.0	NA	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.0	<1.00	<5.0	<1.00	NA	<1.00	<1.00	<1.00
Total VOCs, µg/L		**58**	**64**	**39**	**37**	**3**	**3**	**984**	**23**	**2**	**1**	**0**	**1**	**280**	BDL	**9**	**5**	**16**	**7**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-26		MW-27					MW-28						MW-28D				
		11/10/15	12/05/16	9/13/2010	07/14/11	08/05/13	11/09/15	12/07/16	12/10/2010	07/14/11	08/08/13	12/08/14	11/09/15	12/07/16	12/21/2010	07/13/11	08/08/13	12/10/14	11/09/15
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	<1.0	<1.0	**16**	Dry	**8.83**	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	**750**	**1,220**	**449**	**615**	**460**
Trichloroethene	5	**2.3**	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	**2.45**	**1.47**	<1.00	**1.4**
cis-1,2-Dichloroethene	70	**4**	**2.0**	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	**1.22**	<1.00	<1.00	<1.0
trans-1,2-Dichloroethene	100	<2.0	<2.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<2.0
1,1-Dichloroethene	7	<2.0	<2.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<2.0
Vinyl Chloride	2	<1.0	<1.0	<2.0	Dry	<2.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<2.0	<1.00	<1.00	<1.00	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
1,1-Dichloroethane	4,000	**3.5**	**1.9**	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
Chloroethane	1*	<1.0	<1.0	<10	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<10	<1.00	<1.00	<1.00	<1.0
Total Solvents, µg/L		**9.80**	**3.90**	**16**	NA	**8.83**	NA	NA	NA	NA	NA	NA	NA	NA	**750**	**1,224**	**450**	**615**	**461**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
Chlorobenzene	100	**1.8**	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
1,2-Dichlorobenzene	600	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
1,3-Dichlorobenzene	1*	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
1,4-Dichlorobenzene	75	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
Ethylbenzene	700	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
Isopropylbenzene	1*	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
Naphthalene	20	<5.0	<5.0		Dry	<1.00										<1.00	<1.00	<1.00	<5.0
Toluene	1,000	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
1,2,3-Trichlorobenzene	1*	<1.0	<1.0	NA	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	NA	<1.00	<1.00	<1.00	<1.0
1,2,4-Trichlorobenzene	70	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
m,p-Xylene	10,000	<1.0	<1.0	<10	Dry	<2.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<10	<2.00	<2.00	<2.00	<1.0
o-Xylene	10,000	<1.0	<1.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
Total Aromatics, µg/L		BDL	BDL	BDL	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																			
Acetone	4,000	<20	<20	<50	Dry	<10	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<50	<10.0	<10.0	<2.00	<20
2-Butanone (MEK)	2,000	<10	<10		Dry	<10										<10.0	<10.0	<2.00	<10
Carbon Tetrachloride	5	<2.0	<2.0		Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry		<1.00	<1.00	<1.00	<2.0
Chloroform	80	**1.7**	<1.0	<5.0	Dry	**1.40**	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<1.0
Methyl tert-butyl ether	NR	<1.0	<1.0	<5.0	Dry	<2.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<2.00	<1.00	<1.00	<1.0
Cyclohexane	1*	<2.0	<2.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<2.0
Methylcyclohexane	1*	<2.0	<2.0	<5.0	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	<5.0	<1.00	<1.00	<1.00	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	<5.0	NA	Dry	<1.00	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	NA	<1.00	<1.00	<1.00	<5.0
Total VOCs, µg/L		**12**	**4**	**16**	NA	**10**	NA	NA	NA	NA	NA	NA	NA	NA	**750**	**1,224**	**450**	**615**	**461**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-28D	MW-29						MW-30						MW-31					
		12/07/16	9/13/2010	07/13/11	08/08/13	12/10/14	11/10/15	12/07/16	9/10/2010	07/13/11	08/08/13	12/10/14	11/10/15	12/07/16	9/10/2010	07/14/11	08/07/13	12/11/14	11/12/15	12/06/16
Chlorinated Solvents, µg/L																				
Tetrachloroethene	5	**370**	**11**	**7.91**	**4.08**	**19.4**	**2.1**	**2.6**	**55**	**48**	**20.5**	**3.38**	<1.0	<1.0	**760**	**256**	**94.3**	**118**	**120**	**99**
Trichloroethene	5	<1.0	<5.0	**1.84**	<1.00	**3.67**	**1.6**	**2.5**	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	**34**	**36**	**28.6**	**19.2**	**13**	**6.0**	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
trans-1,2-Dichloroethene	100	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0
1,1-Dichloroethene	7	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0
Vinyl Chloride	2	<1.0	**2.9**	<1.00	<1.00	<1.00	**1.9**	<1.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,1-Dichloroethane	4,000	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2-Dichloroethane	5	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Chloroethane	1*	<1.0	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<1.00	<1.00	<1.00	<1.0	<1.0
Total Solvents, µg/L		**370**	**47.9**	**45.9**	**32.7**	**42.3**	**18.6**	**11**	**55**	**48**	**21**	**3**	BDL	BDL	**760**	**256**	**94**	**118**	**120**	**99**
Aromatic Hydrocarbons, µg/L																				
Benzene	5	<1.0	<5.0	**2.98**	**10.7**	**3.26**	**3.4**	**2.3**	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Chlorobenzene	100	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2-Dichlorobenzene	600	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,3-Dichlorobenzene	1*	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,4-Dichlorobenzene	75	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Ethylbenzene	700	<1.0	**500**	**109**	**140**	**16.5**	**36**	**1.5**	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Isopropylbenzene	1*	<1.0	**44**	**19**	**14.9**	**2.88**	**5.3**	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Naphthalene	20	<5.0		<1.00	**43.7**	**12.3**	**24**	<5.0		<1.00	<1.00	<1.00	<5.0	<5.0		<1.00	<1.00	<1.00	<5.0	<5.0
Toluene	1,000	<1.0	**9.5**	**4.39**	**2.8**	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2,3-Trichlorobenzene	1*	<1.0	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	<1.00	<1.00	<1.00	<1.0	<1.0
1,2,4-Trichlorobenzene	70	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
m,p-Xylene	10,000	<1.0	**250**	**9.86**	**13.6**	**3.81**	**7.2**	<1.0	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<2.00	<2.00	<2.00	<1.0	<1.0
o-Xylene	10,000	<1.0	**18**	**1.37**	**2.03**	<1.00	**1.0**	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0
Total Aromatics, µg/L		BDL	**822**	**146**	**228**	**39**	**77**	**4**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																				
Acetone	4,000	<20	<50	**43.1**	<10	<2.00	<20	<20	<50	<10.0	<10.0	<2.00	<20	<20	<50	<10.0	<10.0	<2.00	<20	<20
2-Butanone (MEK)	2,000	<10		<10	**24.7**	<2.00	<10	<10		<10.0	<10.0	<2.00	<10	<10		<10.0	<10.0	<2.00	<10	<10
Carbon Tetrachloride	5	<2.0		<1.00	<1.00	<1.00	<2.0	<2.0		<1.00	<1.00	<1.00	<2.0	<2.0		<1.00	<1.00	<1.00	<2.0	<2.0
Chloroform	80	<1.0	<5.0	<10.0	<10.0	<10.0	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	**1.98**	**2.05**	**1.8**	**1.0**
Methyl tert-butyl ether	NR	<1.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0
Cyclohexane	1*	<2.0	**160**	**40.1**	**35.6**	**7.0**	**13.0**	**6.3**	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0
Methylcyclohexane	1*	<2.0	**310**	**63.7**	**49.3**	**6.3**	**12.0**	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	<1.00	<1.00	<1.00	<5.0	<5.0
Total VOCs, µg/L		**370**	**1,339**	**339**	**345**	**94**	**121**	**21**	**55**	**48**	**21**	**3**	BDL	BDL	**760**	**256**	**96**	**120**	**122**	**100**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-32						MW-33					MW-34D						MW-35	
		9/9/2010	07/14/11	08/08/13	12/12/14	11/16/15	12/08/16	12/15/2010	07/14/11	08/07/13	11/16/15	12/08/14	12/21/10	04/10/13	08/06/13	12/09/14	11/12/15	12/06/16	12/14/10	04/10/13
Chlorinated Solvents, µg/L																				
Tetrachloroethene	5	**540**	**756**	**547**	**375**	**510**	**260**	**5.20**	**10**	**46.4**	**510**	**Destroyed**	**13**	**6.89**	**7.35**	**6.40**	**5.70**	**5.5**	<5.0	<1.00
Trichloroethene	5	<5.0	<1.00	**1.02**	<1.00	<1.0	<1.0	<5.0	<1.00	**5.09**	<1.0	**Destroyed**	<1.00	**1.17**	**1.23**	**1.02**	<1.0	**1.0**	<5.0	<1.00
cis-1,2-Dichloroethene	70	<5.0	<1.00	**15.3**	**1.27**	<1.0	**2.8**	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
trans-1,2-Dichloroethene	100	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<2.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00
1,1-Dichloroethene	7	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<2.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00
Vinyl Chloride	2	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<1.00
1,1,1-Trichloroethane	200	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
1,1,2-Trichloroethane	5	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
1,1-Dichloroethane	4,000	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
1,2-Dichloroethane	5	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
Chloroethane	1*	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<1.00
Total Solvents, µg/L		**540**	**756**	**563**	**376**	**510**	**263**	**5.20**	**10**	**51**	**510**		**13**	**8.1**	**8.6**	**7.4**	**5.7**	**6.5**	BDL	BDL
Aromatic Hydrocarbons, µg/L																				
Benzene	5	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
Chlorobenzene	100	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	**12**	**17.2**	**18.4**	**12.6**	**8.7**	**8.8**	<5.0	<1.00
1,2-Dichlorobenzene	600	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
1,3-Dichlorobenzene	1*	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	**8.16**	**8.57**	**9.65**	**8.7**	**5.6**	<5.0	<1.00
1,4-Dichlorobenzene	75	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	**5.66**	**6.04**	**6.01**	**4.9**	**3.4**	<5.0	<1.00
Ethylbenzene	700	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
Isopropylbenzene	1*	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
Naphthalene	20		<1.00	<1.00	<1.00	<5.0	<5.0		<1.00	<1.00	<5.0	**Destroyed**		<1.00	<1.00	<1.00	<5.0	<5.0		<1.00
Toluene	1,000	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
1,2,3-Trichlorobenzene	1*	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	**1.16**	**1.4**	**2.5**	NA	<1.00
1,2,4-Trichlorobenzene	70	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	**9.2**	**10.8**	**12.1**	**21.4**	**23**	**24**	<5.0	<1.00
m,p-Xylene	10,000	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<2.00	<2.00	<1.0	**Destroyed**	<2.00	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<2.00
o-Xylene	10,000	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL		**21**	**42**	**45**	**51**	**38**	**44**	BDL	BDL
Other VOCs, µg/L																				
Acetone	4,000	<50	<10.0	<10.0	<2.00	<20	<20	<50	<10.0	<10.0	<20	**Destroyed**	<10.0	<10.0	<10.0	<2.00	<20	<20	<50	<10.0
2-Butanone (MEK)	2,000		<10.0	<10.0	<2.00	<10	<10		<10.0	<10.0	<10	**Destroyed**		<10.0	<10.0	<2.00	<10	<10		<10.0
Carbon Tetrachloride	5		<1.00	<1.00	<1.00	<2.0	<2.0		<1.00	<1.00	<2.0	**Destroyed**		<1.00	<1.00	<1.00	<2.0	<2.0		<1.00
Chloroform	80	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	**1.12**	<1.00	<1.0	**Destroyed**	**1.12**	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00
Methyl tert-butyl ether	NR	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<2.00	<2.00	<1.0	**Destroyed**	<2.00	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<2.00
Cyclohexane	1*	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<2.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00
Methylcyclohexane	1*	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<2.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	<1.00	<1.00	<5.0	**Destroyed**	<1.00	<1.00	<1.00	<1.00	<5.0	<5.0	NA	<1.00
Total VOCs, µg/L		**540**	**756**	**563**	**376**	**510**	**263**	**5**	**12**	**51**	**510**		**35**	**50**	**54**	**58**	**44**	**51**	BDL	BDL

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-35				MW-36				MW-37				MW-38					
		08/05/13	12/09/14	11/12/15	12/07/16	12/15/2010	07/12/11	08/06/13	12/08/14	12/17/2010	07/12/11	08/06/13	12/08/14	12/15/2010	07/12/11	08/06/13	12/09/14	12/9/2014 (DUP)	11/11/15
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	**1.13**	**3.73**	NS	**6.90**	**1.82**	<1.00	**1.08**	<1.00	<1.0
Trichloroethene	5	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	**2.16**	NS	<5.0	**2.16**	**2.32**	**2.62**	**2.47**	**4.7**
cis-1,2-Dichloroethene	70	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	**1.36**	NS	<5.0	**1.75**	**3.08**	**10.9**	**8.76**	**9.4**
trans-1,2-Dichloroethene	100	<1.00	<1.00	<2.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
1,1-Dichloroethene	7	<1.00	<1.00	<2.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	**1.01**	NS	<5.0	<1.00	<1.00	<1.00	**3.13**	**2.2**
Vinyl Chloride	2	<2.00	<2.00	<1.0	NS	<2.0	<1.00	<1.00	NS	<2.0	<1.00	<1.00	NS	<2.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,1,1-Trichloroethane	200	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	**1.60**	**1.51**	**1.2**
1,1,2-Trichloroethane	5	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,1-Dichloroethane	4,000	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	**2.21**	NS	<5.0	**2.09**	**3.15**	**10.5**	**9.91**	**8.2**
1,2-Dichloroethane	5	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Chloroethane	1*	<1.00	<1.00	<1.0	NS	<10	<1.00	<1.00	NS	<10	<1.00	<1.00	NS	<10	<1.00	<1.00	<1.00	<1.00	<1.0
Total Solvents, µg/L		BDL	BDL	BDL	NS	BDL	BDL	BDL	NS	BDL	**1.13**	**10.47**	NS	**6.90**	**7.82**	**8.55**	**26.70**	**25.78**	**25.70**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	**4.56**	**1.48**	**1.47**	**2.1**
Chlorobenzene	100	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	**60**	**59**	**17.3**	NS	**340**	**396**	**128**	**985**	**1,060**	**570**
1,2-Dichlorobenzene	600	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	**7.95**	**9.54**	**5.74**	**6.26**	**7.9**
1,3-Dichlorobenzene	1*	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	**67**	**432**	**172**	**89.6**	**99.2**	**100**
1,4-Dichlorobenzene	75	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	**3.21**	<1.00	NS	**38**	**111**	**110**	**89.9**	**98**	**110**
Ethylbenzene	700	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Isopropylbenzene	1*	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Naphthalene	20	<1.00	<1.00	<5.0	NS		<1.00	<1.00	NS		<1.00	<1.00	NS		<1.00	<1.00	<1.00	<1.00	<5.0
Toluene	1,000	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
1,2,3-Trichlorobenzene	1*	<1.00	<1.00	<1.0	NS	NA	<1.00	<1.00	NS	NA	<1.00	<1.00	NS	NA	**3.09**	<1.00	<1.00	<1.00	**7**
1,2,4-Trichlorobenzene	70	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	**49**	**117**	**44.1**	**26**	**29.7**	**61**
m,p-Xylene	10,000	<2.00	<2.00	<1.0	NS	<10	<2.00	<2.00	NS	<10	<2.00	<2.00	NS	<10	<2.00	<2.00	<2.00	<2.00	<1.0
o-Xylene	10,000	<1.00	<1.00	<1.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<1.0
Total Aromatics, µg/L		BDL	BDL	BDL	NS	BDL	BDL	BDL	NS	**60**	**62**	**17**	NS	**494**	**1,067**	**468**	**1,198**	**1,295**	**858**
Other VOCs, µg/L																			
Acetone	4,000	<10	<2.00	<20	NS	<50	<10.0	<10.0	NS	<50	<10.0	<10.0	NS	<50	<10.0	<10.0	<2.00	<2.00	<20
2-Butanone (MEK)	2,000	<10	<2.00	<10	NS		<10.0	<10.0	NS		<10.0	<10.0	NS		<10.0	<10.0	<2.00	<2.00	<10
Carbon Tetrachloride	5	<1.00	<1.00	<2.0	NS		<1.00	<1.00	NS		<1.00	<1.00	NS		<1.00	<1.00	<1.00	<1.00	<2.0
Chloroform	80	<1.00	<1.00	<1.0	NS	<5.0	<1.00	**32.1**	NS	<5.0	<1.00	**1.21**	NS	<5.0	<1.00	**1.95**	**2.88**	**2.46**	**2.9**
Methyl tert-butyl ether	NR	<2.00	<2.00	<1.0	NS	<5.0	<2.00	<2.00	NS	<5.0	<2.00	<2.00	NS	<5.0	<2.00	<2.00	<2.00	<2.00	<1.0
Cyclohexane	1*	<1.00	<1.00	<2.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
Methylcyclohexane	1*	<1.00	<1.00	<2.0	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	NS	<5.0	<1.00	<1.00	<1.00	<1.00	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<1.00	<1.00	<5.0	NS	NA	<1.00	<1.00	NS	NA	<1.00	<1.00	NS	NA	<1.00	<1.00	**61.3**	**57.7**	**23**
Total VOCs, µg/L		BDL	BDL	BDL	NS	BDL	BDL	**32**	NS	**60**	**63**	**29**	NS	**501**	**1,075**	**479**	**1,289**	**1,381**	**910**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-38	MW-39					MW-40						MW-41					
Groundwater Parameters	**Type I RRS (µg/L)**	12/08/16	12/20/2010	07/12/11	08/08/13	11/10/15	12/07/16	12/16/2010	07/13/11	08/07/13	12/10/14	11/09/15	12/05/16	12/17/2010	12/17/2010 DUP	07/13/11	7/13/2011 DUP	08/07/13	12/10/14
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	<1.0	<5.0	**2.58**	<5.00	<5.0	Dry	<5.0	**1.18**	**4.29**	**5.65**	**6.5**	**12**	<5.0	<5.0	**1.82**	**2.21**	**5.26**	**4.86**
Trichloroethene	5	**3.4**	<5.0	**2.47**	<5.00	<5.0	Dry	<5.0	<1.00	<1.00	<1.00	**1.3**	**2.1**	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	70	**7.7**	<5.0	<1.00	<5.00	<5.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	**1.4**	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
trans-1,2-Dichloroethene	100	<2.0	<5.0	<1.00	<5.00	<5.0	Dry	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethene	7	<2.0	**890**	**2,920**	**441**	**200**	Dry	**190**	**473**	**75.2**	**27.7**	**23**	**9.5**	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Vinyl Chloride	2	<1.0	**2.80**	<1.00	<5.00	<2.0	Dry	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	200	<1.0	**1,400**	**9,610**	**1,460**	**540**	Dry	**28**	**35**	**14.5**	**4.37**	**4.4**	**2.5**	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	5	<1.0	**7.40**	<1.00	<5.00	<5.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	4,000	**6.9**	**830**	**1,400**	**134**	**52.0**	Dry	**670**	**1,640**	**463**	**202**	**180**	**84**	<5.0	<5.0	**1.74**	**1.91**	<1.00	<1.00
1,2-Dichloroethane	5	<1.0	**95**	**13**	<5.00	<5.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Chloroethane	1*	<1.0	**26**	**64**	<5.00	**3**	Dry	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<10	<10	<1.00	<1.00	<1.00	<1.00
Total Solvents, µg/L		**18**	**3,251**	**14,012**	**2,035**	**795**	NA	**888**	**2,149**	**557**	**240**	**215**	**112**	BDL	BDL	**3.56**	**4.12**	**5.26**	**4.86**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.0	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	100	**190**	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	600	**1.1**	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	1*	**28**	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	75	**23**	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	700	<1.0	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Isopropylbenzene	1*	<1.0	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Naphthalene	20	<5.0		<1.00	<5.00	<5.0			<1.00	<1.00	<1.00	<5.0	<5.0			<1.00	<1.00	<1.00	<1.00
Toluene	1,000	<1.0	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,2,3-Trichlorobenzene	1*	**2.6**	NA	<1.00	<5.00	<1.0	Dry	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	NA	<1.00	<1.00	<1.00	<1.00
1,2,4-Trichlorobenzene	70	**23**	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
m,p-Xylene	10,000	<1.0	<10	<2.00	<10	<1.0	Dry	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<10	<2.00	<2.00	<2.00	<2.00
o-Xylene	10,000	<1.0	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Total Aromatics, µg/L		**268**	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L																			
Acetone	4,000	<20	<50	<10.0	<50	<20	Dry	<50	<10.0	<10.0	<2.00	<20	<20	<50	<50	<10.0	<10.0	<10.0	<2.00
2-Butanone (MEK)	2,000	<10		<10	<50	<10			<10.0	<10.0	<2.00	<10	<10			<10.0	<10.0	<10.0	<2.00
Carbon Tetrachloride	5	<2.0		<1.00	**185**	**100**	Dry		<1.00	**1.85**	<1.00	<2.0	<2.0			<1.00	<1.00	<1.00	<1.00
Chloroform	80	**2.4**	<5.0	<1.00	<5.00	<1.0	Dry	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<5.0	**1.09**	**1.14**	<1.00	<1.00
Methyl tert-butyl ether	NR	<1.0	<5.0	<2.00	<10	<1.0	Dry	<5.0	**2.20**	<2.00	<2.00	**1.1**	<1.0	<5.0	<5.0	<2.00	<2.00	<2.00	<2.00
Cyclohexane	1*	<2.0	<5.0	<1.00	<5.00	<2.0	Dry	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Methylcyclohexane	1*	<2.0	<5.0	<1.00	<5.00	<2.0	Dry	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	**45**	NA	**8.58**	<5.00	<5.0	Dry	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	NA	<1.00	<1.00	<1.00	<1.00
Total VOCs, µg/L		**333**	**3,251**	**14,021**	**2,220**	**895**	NA	**888**	**2,151**	**559**	**240**	**216**	**112**	BDL	BDL	**5**	**5**	**5**	**5**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-41		MW-42						MW-43						MW-44D			
		11/09/15	12/05/16	03/04/11	08/05/13	10/02/13	12/08/14	11/11/15	12/06/16	03/04/11	08/05/13	10/02/13	12/08/14	11/11/15	12/06/16	4/24/2013 (Grab)	05/02/13	08/08/13	12/12/14
Chlorinated Solvents, µg/L																			
Tetrachloroethene	5	<1.0	**13**	<5.0	**3.78**	**4.75**	**14.5**	**7.9**	**2.2**	<5.0	**6.09**	**5.62**	**3.44**	**8.9**	<1.0	**3.35**	**3.94**	**6.28**	**9.18**
Trichloroethene	5	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	70	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
trans-1,2-Dichloroethene	100	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.00	<2.00	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethene	7	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.00	<2.00	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	**9.4**	**6.46**	**16.9**	**22.4**
Vinyl Chloride	2	<1.0	<1.0	<2.0	<1.00	<1.00	<1.00	<1.00	<1.00	<2.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	200	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	**30.9**	**10.3**	**86.6**	**97.3**
1,1,2-Trichloroethane	5	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	4,000	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	**4.06**	**1.96**	**10.9**	**15.4**
1,2-Dichloroethane	5	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.00	<1.00	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chloroethane	1*	<1.0	<1.0	<10	<1.00	<1.00	<1.00	<1.00	<1.00	<10	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Total Solvents, µg/L		BDL	**13**	BDL	**3.78**	**4.75**	**14.50**	**7.90**	**2.2**	BDL	**6.09**	**5.62**	**3.44**	**8.90**	BDL	**47.71**	**22.66**	**120.68**	**144.28**
Aromatic Hydrocarbons, µg/L																			
Benzene	5	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	100	<1.0	<1.0	<5.0	<1.00	**9.7**	<1.00	<1.0	<1.0	<5.0	<1.00	**9.76**	**9.76**	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	600	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
1,3-Dichlorobenzene	1*	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	75	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	700	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Isopropylbenzene	1*	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Naphthalene	20	<5.0	<5.0		<1.00	<1.00	<1.00	<5.0	<5.0		<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Toluene	1,000	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
1,2,3-Trichlorobenzene	1*	<1.0	<1.0	NA	<1.00	<1.00	<1.00	<1.0	<1.0	NA	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
1,2,4-Trichlorobenzene	70	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	**1.30**
m,p-Xylene	10,000	<1.0	<1.0	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<10	<2.00	<2.00	<2.00	<1.0	<1.0	<2.00	<2.00	<2.00	<2.00
o-Xylene	10,000	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	**10**	BDL	BDL	BDL	BDL	BDL	**10**	**10**	BDL	BDL	BDL	BDL	BDL	**1**
Other VOCs, µg/L																			
Acetone	4,000	<20	<20	<50	<10	<10	<2.00	<20	<20	<50	<10	<10	<2.00	<20	<20	<10	<10	<10	<2.00
2-Butanone (MEK)	2,000	<10	<10		<10	<10	<2.00	<10	<10		<10	<10	<2.00	<10	<10	<10	<10	<10	<2.00
Carbon Tetrachloride	5	<2.0	<2.0		<1.00	<1.00	<1.00	<2.0	<2.0		<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00	**12.3**	<1.00
Chloroform	80	<1.0	<1.0	<5.0	<1.00	<1.00	<1.00	**1.4**	**4.5**	<5.0	<1.00	<1.00	<1.00	<1.0	**2.3**	<1.00	<1.00	<1.00	<1.00
Methyl tert-butyl ether	NR	<1.0	<1.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	<5.0	<2.00	<2.00	<2.00	<1.0	<1.0	**19.1**	**20.6**	**18.9**	**6.28**
Cyclohexane	1*	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00
Methylcyclohexane	1*	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<5.0	<1.00	<1.00	<1.00	<2.0	<2.0	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	<5.0	NA	<1.00	<1.00	<1.00	<5.0	<5.0	NA	<1.00	<1.00	<1.00	<5.0	<5.0	<1.00	<1.00	<1.00	<1.00
Total VOCs, µg/L		BDL	**13**	BDL	**4**	**14**	**15**	**9**	**7**	BDL	**6**	**15**	**13**	**9**	**2**	**67**	**43**	**140**	**152**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

Attachment C. Historical Summary of Constituents of Concern in Groundwater-VOCs
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

Groundwater Parameters	Type I RRS (µg/L)	MW-44D		MW-45				
		11/16/15	12/09/16	5/21/2013	08/07/13	12/11/14	11/12/15	12/06/16
Chlorinated Solvents, µg/L								
Tetrachloroethene	5	**40**	**35**	**24.3**	**9.19**	**29.8**	**9.8**	**4.3**
Trichloroethene	5	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
cis-1,2-Dichloroethene	70	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
trans-1,2-Dichloroethene	100	<2.0	<2.0	<1.00	<1.00	<1.00	<2.0	<2.0
1,1-Dichloroethene	7	**280**	**200**	<1.00	<1.00	<1.00	<2.0	<2.0
Vinyl Chloride	2	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,1,1-Trichloroethane	200	**1000**	**780**	<1.00	<1.00	<1.00	<1.0	<1.0
1,1,2-Trichloroethane	5	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,1-Dichloroethane	4,000	**130**	**110**	<1.00	<1.00	<1.00	<1.0	<1.0
1,2-Dichloroethane	5	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
Chloroethane	1*	**5.6**	**4.9**	<1.00	<1.00	<1.00	<1.0	<1.0
Total Solvents, µg/L		**1,456**	**1,130**	**24.30**	**9.19**	**29.8**	**0.0**	**4.3**
Aromatic Hydrocarbons, µg/L								
Benzene	5	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
Chlorobenzene	100	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2-Dichlorobenzene	600	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,3-Dichlorobenzene	1*	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,4-Dichlorobenzene	75	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
Ethylbenzene	700	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
Isopropylbenzene	1*	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
Naphthalene	20	<5.0	<5.0	<1.00	<1.00	<1.00	<5.0	<5.0
Toluene	1,000	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2,3-Trichlorobenzene	1*	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
1,2,4-Trichlorobenzene	70	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
m,p-Xylene	10,000	<1.0	<1.0	<2.00	<2.00	<2.00	<1.0	<1.0
o-Xylene	10,000	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
Total Aromatics, µg/L		BDL	BDL	BDL	BDL	BDL	BDL	BDL
Other VOCs, µg/L								
Acetone	4,000	<20	<20	<10	<10	<2.00	<20	<20
2-Butanone (MEK)	2,000	<10	<10	<10	<10	<2.00	<10	<10
Carbon Tetrachloride	5	<2.0	<2.0	<1.00	<1.00	<1.00	<2.0	<2.0
Chloroform	80	<1.0	**1.7**	<1.00	<1.00	**1.45**	<1.0	<1.0
Methyl tert-butyl ether	NR	<1.0	<1.0	<2.00	<2.00	<2.00	<1.0	<1.0
Cyclohexane	1*	<2.0	<2.0	<1.00	<1.00	<1.00	<2.0	<2.0
Methylcyclohexane	1*	<2.0	<2.0	<1.00	<1.00	<1.00	<2.0	<2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1,000	<5.0	<5.0	<1.00	<1.00	<1.00	<5.0	<5.0
Total VOCs, µg/L		**1456**	**1132**	**24**	**9**	**31**	**0**	**4**

Notes:

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

RRS- Risk Reduction Standard

µg/L - Micrograms per Liter

VOC- Volatile Organic Compound

NA-Not Analyzed

NR- Not Regulated

Bold-indicates constituent was detected above method detection limit

Exceeds Type I RRS

*RRS based on Laboratory Detection Limit

1,1,2-Trichloro-1,2,2-trifluoroethane-Also known as Freon 113

ATTACHMENT D

Historical Summary of Metals Detected in Groundwater

Attachment D. Historical Summary of Constituents of Concern in Groundwater-Metals
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-1	MW-2		MW-3/MW-3R		MW-4		MW-5	MW-6	MW-7		MW-8
Groundwater Parameters	**Type 1 RRS (mg/L)**	9/8/2010	9/8/2010	12/20/2010	9/9/2010	9/9/2010 DUP	3/22/2006	9/8/2010	9/10/2010	9/9/2010	9/10/2010	9/10/2010 DUP	9/9/2010
Metals, mg/L													
Total Arsenic	0.01	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.050	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Dissolved Arsenic		NA	NA	<0.0500	<0.0500	<0.0500	NA	<0.0500	NA	NA	NA	NA	NA
Total Barium	2	**0.0476**	<0.0200	<0.0200	**0.0273**	**0.0271**	**0.0865**	**0.0541**	**0.0387**	**0.0326**	**0.0374**	**0.0371**	**0.0392**
Dissolved Barium		NA	NA	<0.0200	**0.0245**	**0.0250**	NA	**0.0468**	NA	NA	NA	NA	NA
Total Cadmium	0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Dissolved Cadmium		NA	NA	<0.0500	<0.0500	<0.0500	NA	<0.0500	NA	NA	NA	NA	NA
Total Chromium	0.1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Chromium		NA	NA	<0.0100	<0.0100	<0.0100	NA	<0.0100	NA	NA	NA	NA	NA
Total Mercury	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	NA	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Dissolved Mercury		NA	NA	<0.00020	<0.00020	<0.00020	NA	<0.00020	NA	NA	NA	NA	NA
Total Lead	0.015	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	**0.011**	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Lead		NA	NA	<0.0100	<0.0100	<0.0100	NA	<0.0100	NA	NA	NA	NA	NA
Total Silver	0.1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Silver		NA	NA	<0.0100	<0.0100	<0.0100	NA	<0.0100	NA	NA	NA	NA	NA
Total Selenium	0.05	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NA	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Dissolved Selenium		NA	NA	<0.0200	<0.0200	<0.0200	NA	<0.0200	NA	NA	NA	NA	NA

Notes:
RRS- Risk Reduction Standard

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

mg/L- milligrams per liter

NA-Not Analyzed

Bold indicates constituent was detected above method detection limit

Bold/Shaded indicates constituent was detected above Type I RRS

Attachment D. Historical Summary of Constituents of Concern in Groundwater-Metals
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-9					MW-10	MW-11				MW-12		
Groundwater Parameters	**Type 1 RRS (mg/L)**	9/9/2010	8/8/2013	12/11/2014	11/12/2015	12/8/2016	9/8/2010	9/8/2010	12/9/2014	11/13/2015	12/8/2016	9/8/2010	8/7/2013	12/8/2014
Metals, mg/L														
Total Arsenic	0.01	<0.0500	NA	NA	NA	NA	<0.0500	<0.0500	NA	NA	NA	<0.0500	NA	NA
Dissolved Arsenic		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Barium	2	**0.175**	NA	NA	NA	NA	**0.0232**	**0.0953**	NA	NA	NA	**0.113**	NA	NA
Dissolved Barium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cadmium	0.005	<0.0050	NA	NA	NA	NA	<0.0050	<0.0050	NA	NA	NA	<0.0050	NA	NA
Dissolved Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Chromium	0.1	**0.0285**	<0.0500	<0.0500	<0.0100	<0.0100	<0.0100	**0.0255**	<0.0500	<0.0100	<0.0100	**0.0339**	<0.0500	<0.0500
Dissolved Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Mercury	0.002	<0.00020	NA	NA	NA	NA	<0.00020	<0.00020	NA	NA	NA	<0.00020	NA	NA
Dissolved Mercury		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Lead	0.015	**0.0785**	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	**0.0442**	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Silver	0.1	<0.0100	NA	NA	NA	NA	<0.0100	<0.0100	NA	NA	NA	<0.0100	NA	NA
Dissolved Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Selenium	0.05	<0.0200	NA	NA	NA	NA	<0.0200	<0.0200	NA	NA	NA	<0.0200	NA	NA
Dissolved Selenium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
RRS- Risk Reduction Standard

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

mg/L- milligrams per liter

NA-Not Analyzed

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Bold/Shaded indicates constituent was detected above Type I RRS

Attachment D. Historical Summary of Constituents of Concern in Groundwater-Metals
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-12		MW-13						MW-14D	
Groundwater Parameters	**Type 1 RRS (mg/L)**	11/12/2015	12/5/2016	12/5/2016	9/9/2010	8/8/2013	12/9/2014	12/9/2014 (DUP)	11/12/2015	12/6/2016	09/08/10	9/8/2010 DUP
Metals, mg/L												
Total Arsenic	0.01	NA	NA	NA	<0.0500	NA	NA	NA	NA	NA	<0.0500	<0.0500
Dissolved Arsenic		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0500	<0.0500
Total Barium	2	NA	NA	NA	**0.128**	NA	NA	NA	NA	NA	**0.0461**	**0.0415**
Dissolved Barium		NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.0340**	**0.0330**
Total Cadmium	0.005	NA	NA	NA	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.0050
Dissolved Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0500	<0.0500
Total Chromium	0.1	<0.0100	<0.0100	<0.0100	**0.0313**	<0.0500	<0.0500	<0.0500	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	<0.0100
Total Mercury	0.002	NA	NA	NA	<0.00020	NA	NA	NA	NA	NA	<0.00020	<0.00020
Dissolved Mercury		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00020	<0.00020
Total Lead	0.015	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	<0.0100
Total Silver	0.1	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	<0.0100	<0.0100
Dissolved Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	<0.0100
Total Selenium	0.05	NA	NA	NA	<0.0200	NA	NA	NA	NA	NA	<0.0200	<0.0200
Dissolved Selenium		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0200	<0.0200

Notes:
RRS- Risk Reduction Standard

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mg/L- milligrams per liter

NA-Not Analyzed

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Attachment D. Historical Summary of Constituents of Concern in Groundwater-Metals
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-15 (formerly MW-2 Ethel Street Property)					MW-16 (formerly MW-3 Ethel Street Property)					
Groundwater Parameters	**Type 1 RRS (mg/L)**	12/5/2002	12/31/2006	3/23/2006	3/23/2006 DUP	09/10/10	12/5/2002	12/31/2002	6/23/2006	6/23/2006 DUP	09/10/10	12/21/10
Metals, mg/L												
Total Arsenic	0.01	NA	NA	<0.0500	<0.0500	<0.0500	NA	NA	<0.0500	<0.0500	<0.0500	<0.0500
Dissolved Arsenic		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0500	<0.0500
Total Barium	2	NA	NA	<0.0200	<0.0200	<0.0200	NA	NA	**0.321**	**0.313**	**0.449**	**0.425**
Dissolved Barium		NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.3740**	**0.3500**
Total Cadmium	0.005	NA	NA	<0.0050	<0.0050	<0.0050	NA	NA	<0.0050	<0.0050	<0.0050	<0.0050
Dissolved Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0500	<0.0500
Total Chromium	0.1	NA	NA	<0.0100	<0.0100	<0.0100	NA	NA	<0.010	<0.010	<0.0100	<0.0100
Dissolved Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	<0.0100
Total Mercury	0.002	NA	NA	NA	NA	<0.00020	NA	NA	NA	NA	<0.00020	<0.00020
Dissolved Mercury		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00020	<0.00020
Total Lead	0.015	**0.024**	<0.010	<0.0100	<0.0100	<0.0100	**0.238**	<0.010	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Lead		<0.0050	NA	NA	NA	NA	<0.0050	<0.010	NA	NA	<0.0100	<0.0100
Total Silver	0.1	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	<0.0100	<0.0100
Dissolved Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	<0.0100
Total Selenium	0.05	NA	NA	NA	NA	<0.0200	NA	NA	NA	NA	<0.0200	<0.0200
Dissolved Selenium		NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0200	<0.0200

Notes:
RRS- Risk Reduction Standard

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

mg/L- milligrams per liter

NA-Not Analyzed

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Attachment D. Historical Summary of Constituents of Concern in Groundwater-Metals
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-17 (formerly MW-1 Ethel Street Property)					MW-18*	MW-19*	MW-20*	MW-21	MW-22*	MW-23	
Groundwater Parameters	**Type 1 RRS (mg/L)**	12/5/2002	12/31/2006	3/23/2006	09/09/10	12/21/10	4/20/2007	4/20/2007	4/20/2007	4/20/2007	4/20/2007	9/10/2010	12/20/2010
Metals, mg/L													
Total Arsenic	0.01	NA	NA	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Dissolved Arsenic		NA	NA	NA	<0.0500	<0.0500	NA	NA	NA	NA	NA	NA	<0.0500
Total Barium	2	NA	NA	**0.0557**	**0.0604**	**0.0530**	**0.0578**	**0.0500**	**0.0688**	**0.0464**	**0.0763**	**0.041**	**0.0354**
Dissolved Barium		NA	NA	NA	**0.0532**	**0.0432**	NA	NA	NA	NA	NA	NA	**0.0356**
Total Cadmium	0.005	NA	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Dissolved Cadmium		NA	NA	NA	<0.0500	<0.0500	NA	NA	NA	NA	NA	NA	<0.0500
Total Chromium	0.1	NA	NA	<0.010	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Chromium		NA	NA	NA	<0.0100	<0.0100	NA	NA	NA	NA	NA	NA	<0.0100
Total Mercury	0.002	NA	NA	NA	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Dissolved Mercury		NA	NA	NA	<0.00020	<0.00020	NA	NA	NA	NA	NA	NA	<0.00020
Total Lead	0.015	**0.022**	<0.010	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Lead		<0.0050	NA	NA	<0.0100	<0.0100	NA	NA	NA	NA	NA	NA	<0.0100
Total Silver	0.1	NA	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Silver		NA	NA	NA	<0.0100	<0.0100	NA	NA	NA	NA	NA	NA	<0.0100
Total Selenium	0.05	NA	NA	NA	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Dissolved Selenium		NA	NA	NA	<0.0200	<0.0200	NA	NA	NA	NA	NA	NA	<0.0200

Notes:
RRS- Risk Reduction Standard

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NA-Not Analyzed

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Attachment D. Historical Summary of Constituents of Concern in Groundwater-Metals
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-24	MW-25D		MW-26	MW-27			MW-28D	MW-29			
Groundwater Parameters	**Type 1 RRS (mg/L)**	9/13/2010	12/21/2010	12/21/2010 DUP	9/13/2010	9/13/2010	8/5/2013	12/8/2014	12/21/2010	9/13/2010	8/8/2013	12/10/2014	11/10/2015
Metals, mg/L													
Total Arsenic	0.01	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	NA	Dry	<0.0500	<0.0500	NA	NA	NA
Dissolved Arsenic		NA	<0.0500	<0.0500	NA	NA	NA	Dry	<0.0500	NA	NA	NA	NA
Total Barium	2	**0.0527**	**0.0341**	**0.0357**	**0.538**	**0.247**	NA	Dry	**0.0544**	**1.51**	NA	NA	NA
Dissolved Barium		NA	**0.0298**	**0.0301**	NA	NA	NA	Dry	**0.0525**	NA	NA	NA	NA
Total Cadmium	0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	Dry	<0.0050	<0.0050	NA	NA	NA
Dissolved Cadmium		NA	<0.0500	<0.0500	NA	NA	NA	Dry	<0.0050	NA	NA	NA	NA
Total Chromium	0.1	<0.0100	<0.0100	<0.0100	<0.0100	**0.0909**	<0.0500	Dry	<0.0100	**0.202**	<0.0500	<0.0500	<0.0100
Dissolved Chromium		NA	<0.0100	<0.0100	NA	NA	NA	Dry	<0.0100	NA	NA	NA	NA
Total Mercury	0.002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	NA	Dry	<0.00020	<0.00020	NA	NA	NA
Dissolved Mercury		NA	<0.00020	<0.00020	NA	NA	NA	Dry	<0.00020	NA	NA	NA	NA
Total Lead	0.015	<0.0100	<0.0100	<0.0100	<0.0100	**0.0811**	<0.0100	Dry	<0.0100	**0.221**	**0.0136**	<0.0100	<0.0100
Dissolved Lead		NA	<0.0100	<0.0100	NA	NA	NA	Dry	<0.0100	NA	NA	NA	NA
Total Silver	0.1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	NA	Dry	<0.0100	<0.0100	NA	NA	NA
Dissolved Silver		NA	<0.0100	<0.0100	NA	NA	NA	Dry	<0.0100	NA	NA	NA	NA
Total Selenium	0.05	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NA	Dry	<0.0200	<0.0200	NA	NA	NA
Dissolved Selenium		NA	<0.0200	<0.0200	NA	NA	NA	Dry	<0.0200	NA	NA	NA	NA

Notes:
RRS- Risk Reduction Standard

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mg/L- milligrams per liter

NA-Not Analyzed

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Attachment D. Historical Summary of Constituents of Concern in Groundwater-Metals
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-29	MW-30	MW-31	MW-32	MW-33	MW-34D	MW-35	MW-36	MW-37	MW-38	MW-39	MW-40
Groundwater Parameters	**Type 1 RRS (mg/L)**	12/7/2016	9/10/2010	9/10/2010	9/9/2010	12/15/2010	12/21/10	12/14/10	12/15/2010	12/17/2010	12/15/2010	12/20/2010	12/16/2010
Metals, mg/L													
Total Arsenic	0.01	NA	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Dissolved Arsenic		NA	NA	<0.0500	NA	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Total Barium	2	NA	**0.0682**	**0.0292**	**0.0502**	<0.0200	**0.0494**	**0.0742**	**0.0323**	**0.0906**	**0.0536**	**0.0814**	**0.0494**
Dissolved Barium		NA	NA	**0.0293**	NA	<0.0200	**0.0414**	**0.0625**	**0.0305**	**0.0916**	**0.0462**	**0.0761**	**0.0464**
Total Cadmium	0.005	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Dissolved Cadmium		NA	NA	<0.0500	NA	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Total Chromium	0.1	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Chromium		NA	NA	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Total Mercury	0.002	NA	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Dissolved Mercury		NA	NA	<0.00020	NA	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Total Lead	0.015	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Lead		NA	NA	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Total Silver	0.1	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Dissolved Silver		NA	NA	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Total Selenium	0.05	NA	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Dissolved Selenium		NA	NA	<0.0200	NA	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:
RRS- Risk Reduction Standard

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mg/L- milligrams per liter

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Attachment D. Historical Summary of Constituents of Concern in Groundwater-Metals
Welcome Years, Inc., HSI No. 10637
Atlanta, Fulton County, Georgia

		MW-41	
Groundwater Parameters	**Type 1 RRS (mg/L)**	12/17/2010	12/17/2010 DUP
Metals, mg/L			
Total Arsenic	0.01	<0.0500	<0.0500
Dissolved Arsenic		<0.0500	<0.0500
Total Barium	2	**0.0325**	**0.0324**
Dissolved Barium		**0.0321**	**0.0315**
Total Cadmium	0.005	<0.0050	<0.0050
Dissolved Cadmium		<0.0500	<0.0500
Total Chromium	0.1	<0.0100	<0.0100
Dissolved Chromium		<0.0100	<0.0100
Total Mercury	0.002	<0.00020	<0.00020
Dissolved Mercury		<0.00020	<0.00020
Total Lead	0.015	<0.0100	<0.0100
Dissolved Lead		<0.0100	<0.0100
Total Silver	0.1	<0.0100	<0.0100
Dissolved Silver		<0.0100	<0.0100
Total Selenium	0.05	<0.0200	<0.0200
Dissolved Selenium		<0.0200	<0.0200

Notes:
RRS- Risk Reduction Standard

*Abandoned monitoring well installed by MACTEC on SpaceMax Property

mg/L- milligrams per liter

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ATTACHMENT E

Professional Geologist Certification and Labor Hours

ATTACHMENT E
CERTIFICATION

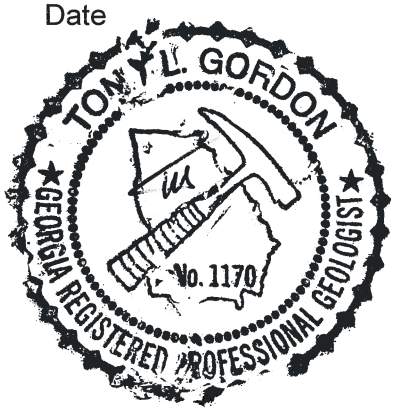
"I certify that I am a qualified groundwater scientist who has received a baccalaureate or postgraduate degree in the natural sciences or engineering and that I have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction."

Tony J Gordon

Tony Gordon (P.G. #1170)

5/1/2017

Date



ATTACHMENT E
LABOR HOURS

Personnel	Labor Hours	Month	Description
Tony Gordon	41	Nov–Jan	Groundwater Sampling Activities; IDW Management
	5	Feb–April	Report preparation and review