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Brad D. White, PG, *Project Geologist*

FOURTH SEMIANNUAL VRP PROGRESS REPORT

**FORMER OIL PROCESSING CORPORATION PROPERTY
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA
HAZARDOUS SITE INVENTORY No. 10245**

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MARCH 14, 2016

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INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA
HAZARDOUS SITE INVENTORY NO. 10245
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MARCH 14, 2016

QUALIFIED GROUNDWATER SCIENTIST CERTIFICATION

"I certify that I am a qualified groundwater scientist who has received a baccalaureate or post graduate degree in the natural sciences or engineering, and 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."

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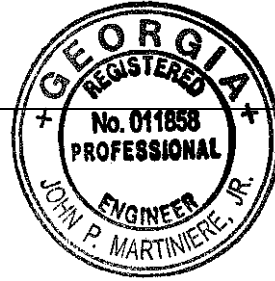


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ABBREVIATIONS

AES	Analytical Environmental Services, Inc.
BGS	Below Ground Surface
CAP	Corrective Action Plan
COC	Constituent of Concern
CSM	Conceptual Site Model
CSR	Compliance Status Report
EPA	United States Environmental Protection Agency
EPD	Georgia Environmental Protection Division
ISCO	In-Situ Chemical Oxidation
HSI	Hazardous Site Inventory
HSRA	Hazardous Site Response Act
LNAPL	Light Non-Aqueous Phase Liquid
NC	Notification Concentration
SVE	Soil Vapor Extraction
VIRP	Voluntary Investigation and Remediation Plan
VOC	Volatile Organic Compound
VRP	Voluntary Remediation Program
µg/L	micrograms per Liter

1.0 INTRODUCTION AND BACKGROUND

The Former Oil Processing Corporation Property (VRP Property) is located in an industrial area of Wrens, Jefferson County, Georgia (**Figure 1**), adjacent to the Norfolk-Southern railroad. The VRP Property is accessed from Industrial Street off U.S. Highway 1. The VRP Property was listed on the Hazardous Site Inventory (HSI No. 10245) on June 29, 1994, for a known release of vinyl chloride to groundwater at levels exceeding the reportable quantity. Other regulated substances consisting of volatile organic compounds (VOCs) and chlorinated VOCs have been detected at the VRP Property (see **Section 1.2** and **Section 2.4**).

The original release(s) occurred in the area of the former oil processing equipment, storage tanks, and associated on-site waste lagoon. A Voluntary Investigation and Remediation Plan (VIRP) and Voluntary Remediation Program (VRP) Application were submitted in August, 23, 2013, to the Georgia Environmental Protection Division (EPD). The VIRP was accepted December 11, 2013.

This report is for the time period beginning June 4, 2015 and ending November 30, 2015, and includes analytical results for groundwater samples collected on November 23, 2015. The report includes a comparison of these results to historical data accumulated at the VRP Property.

1.1 VRP PROPERTY DESCRIPTION

The VRP Property is located in an industrial area south of Wrens, Georgia. The VRP Property consists of a single parcel of land (Parcel ID No. 0085 008) totaling approximately 8.31 acres. A Site Location Map is included as **Figure 1**.

The VRP Property was formerly an oil processing and recycling facility from 1969 to the late 1980s. The VRP Property is currently vacant, with the majority of the process equipment and buildings removed; only a single-story metal storage building and a former railroad spur remain. A Site Layout Map is provided as **Figure 2**.

The VRP Property is bordered by:

- North – Industrial Street, and undeveloped property;
- East – Former Georgia Clay Mining Property (sub-listed with HSI No. 10245);
- South – Norfolk-Southern railroad; and
- West – vacant land

It should be noted that the sub-listed Former Georgia Clay Mining Property to the east was a former landfill site for the City of Wrens, dating back to the 1940s.

1.2 INITIAL CORRECTIVE ACTION – 1994 - 1996

Following listing on the HSI, initial corrective actions were conducted in 1994 at the VRP Property which consisted of the removal of multiple 55-gallon drums containing waste oil. Soil remediation

followed in late 1995 and included: cleaning and removal of on-site storage tanks, excavation and off-site disposal of impacted soils within the tank farm, and soils within the former waste sludge pond. In October 1996, confirmation soil samples were collected on a grid pattern (84 soil samples from 27 grid stations) at the VRP Property to determine if impacted soils were present in areas previously excavated. As reported in the analytical results from the October 1996 soil sampling event, the following Constituents of Concerns (COCs) were detected above their respective Hazardous Site Response Act (HSRA) Notification Concentration (NC):

- 1,1,1-Trichloroethane (TCA)
- 1,1,2-Trichloroethane (1,1,2-TCA)
- 1,1,2,2-Tetrachloroethane (1,1,2,2-TCA)
- 1,2-Dichloroethane (1,2-DCA)
- Benzene
- Chloroform
- Tetrachloroethene
- Trichloroethene

Groundwater investigations were initiated in November 1996 with the installation of the first series of monitoring wells, MW-1 through MW-4. The analytical results from the semi-annual progress event reported the detection of the following COCs:

- 1,1-Dichloroethane (1,1-DCA)
- 1,2-DCA
- 1,2-Dichloroethene (1,2-DCE; reported as total, most likely the cis-isomer)
- Benzene
- Ethylbenzene
- Toluene
- Vinyl Chloride
- Xylenes

A Compliance Status Report (CSR) documenting the initial corrective actions was submitted in February 1997. In response to EPD comments, a revised CSR was submitted in August 1997.

1.3 CORRECTIVE ACTION PLAN – 2001

A Corrective Action Plan (CAP) was submitted in 2001 and subsequently approved by the EPD. This CAP included proposed remedial action for remaining soil contamination in the form of two soil vapor extraction (SVE) systems. The SVE systems were installed and placed into operation in 2002. The two systems consisted of an upper system and lower system. The upper system was extracting volatile constituents from the soils in selected areas of the former tank farm associated with the former oil processors facility. The lower system was extracting from the former waste pond. Both systems were monitored during past semiannual monitoring events by collecting air samples from each of the systems' air effluents. On June 25, 2012, and on February 14, 2013, the air effluents were sampled pre-carbon and post-carbon filtration. The analyses for

volatiles for both systems indicated all constituents below the detection limit for the pre and post-carbon filtration. Accordingly, both systems have been turned off and are no longer operating. In addition, air sparging was conducted in wells RW-1, RW-2, and MW-7 in December 2008, but has since been discontinued.

The CAP also proposed remedial action for the groundwater, which included on-going monitored natural attenuation through semiannual progress events and reporting, and potential in-situ chemical oxidation (ISCO) treatment of groundwater (as deemed necessary). Following the approval of the CAP in 2001, semiannual monitoring events were initiated in June 2001.

2.0 PRELIMINARY CONCEPTUAL SITE MODEL

A Preliminary 3-D conceptual site model (CSM) has been developed for the VRP Property. The CSM will be utilized to:

- Integrate technical data from various sources;
- Support the selection of sample locations;
- Identify data gaps/needs; and
- Evaluate risks to human health and the environment.

The following provides a description of the various factors (surface/subsurface setting, regulated substances, known or suspected source areas, contaminant migration pathways, and soil and groundwater impacts) considered during the development of the CSM.

2.1 SURFACE AND SUBSURFACE SETTING

2.1.1 Surface Setting

The VRP Property is accessed from Industrial Street off U.S. Highway 1, and is designated for industrial use. It is currently vacant and is comprised of a grass field with sparsely wooded areas along the property boundaries. A single-story metal storage building measuring approximately 50 feet by 30 feet is present just inside the gate on the eastern side of the Property. A railroad spur is located on the northwestern property boundary, adjacent to the Norfolk-Southern railroad. A chain-link fence is present along the eastern, northern, and western property boundaries.

2.1.2 Subsurface Setting

Jefferson County, Georgia is located in the Coastal Plain physiographic province. The Coastal Plain extends south from the Fall Line, a line traversing across Georgia from Augusta to Macon and west to Columbus. This line is the intersection of the Piedmont province and historically was a Mesozoic shoreline still marked by a line of sand hills. Most of this area is characterized by broad, flat to level plains underlain by limestone and some minor dolomite, plus unconsolidated materials consisting of phosphatic sand, marl, clay, Fuller's earth, gravel, sand, and sandy clay. The Coastal Plain sediments gently dip to the south and southeast, and thicken in the down dip direction forming wedge-shape strata. The elevations in the Coastal Plain range from approximately 750 feet NAVD to sea level on the Atlantic Coast.

According to the Geologic Map of Georgia, Jefferson County and the City of Wrens are underlain by the Huber Formation. This geologic unit is kaolin-clay bearing, and was formed from metamorphic and igneous derived silicate minerals and in-situ weathering products from the Piedmont.

Typical soils found in the area are comprised of a sandy surface layer with an underlying loamy or clay subsoil. Groundwater at the VRP Property occurs under water table (unconfined) conditions within the shallow aquifer, with depths to groundwater ranging between 8.78 and 43.10 feet below ground surface (bgs). Historical groundwater elevations are summarized on **Table 1**. A Water Table Map developed from the groundwater elevation data collected on November 23, 2015, is included as **Figure 3**.

2.2 KNOWN OR SUSPECTED SOURCE AREAS

The VRP Property was an oil processing and recycling facility from 1969 to the late 1980s. Known source areas at the site include the former on-site tank farm and the former waste lagoon.

2.3 CONTAMINANT MIGRATION PATHWAYS

A preliminary evaluation of the contaminant migration pathway has been completed and includes the following:

- Primary release mechanism from source areas: vertical migration of petroleum and chlorinated hydrocarbons through potential spills at tank farm or from percolation of dissolved-phase petroleum or chlorinated hydrocarbons from waste lagoon, which impacts VRP Property soils.
- Secondary release mechanism: leaching of petroleum and chlorinated hydrocarbons to groundwater by horizontal and vertical migration of groundwater through impacted soils, the extent of which is determined by hydrogeologic properties and flow direction.

A final evaluation of the contaminant migration pathways will be performed and included in the VRP CSR.

2.4 SOIL AND GROUNDWATER IMPACTS

2.4.1 Soil Impacts

Soil corrective action was initiated in late 1995, and included excavation of contaminated soil within the former on-site tank farm and former waste sludge pond. These soils showed detections of various VOCs and chlorinated VOCs (see **Section 1.2**). Following soil excavation, two SVE systems were installed at the former on-site tank farm (upper system) and former waste sludge pond (lower system). The SVE systems became operational in 2002 and were shut down in 2013 with EPD approval.

The soil corrective action and the last (February 2013) analytical results of the SVE air sampling indicated no VOCs detected in all influent and effluent samples. Consequently, it appears that on-site soils have been investigated, remediated, and delineated such that potential soil sources for COCs are not currently present at the Property.

2.4.2 Groundwater Impacts

Based on historical semiannual progress event results, the following regulated substances have been detected at the VRP Property:

- Acetone
- Chloroethane
- Chloroform
- 1,1-DCA
- 1,2-DCA
- TCA
- 1,1,2-TCA
- 1,1,2,2-TCA
- Benzene
- Toluene
- Ethylbenzene
- Xylenes
- 2-butanone
- 4-methyl-2-pentanone
- PCE
- TCE
- 1,1-DCE
- 1,2-DCE (total and cis-isomer)
- Vinyl chloride

Groundwater analytical results for each VOC historically detected at the VRP Property are summarized in **Table 3**. This table includes the results of the latest semiannual sampling event, which are summarized in the next section.

3.0 GROUNDWATER MONITORING

A total of 22 wells have been installed on or adjacent to the VRP Property. These wells include 2-inch monitoring wells (MW-1 through MW-11 and DW-1), 4-inch monitoring wells (RW-1 and RW-2), and 1-inch temporary wells (TW-1 through TW-8). **Figure 2** shows the locations of the wells.

The wells are screened in the shallow (uppermost) groundwater-bearing zone beneath the VRP Property. The wells range in depth from approximately 25 feet (MW-11) to approximately 63 feet (DW-1). Monitoring wells MW-1, MW-2, MW-3, and MW-4 were installed in November 1996. Monitoring wells MW-5 and MW-6 were installed in November 1999. Monitoring wells MW-7 and MW-8, deep monitoring well DW-1, and 4-inch monitoring wells RW-1 and RW-2 were installed in August 2002. Monitoring wells MW-9 and MW-10 were installed in December 2007, and monitoring well MW-11 and temporary well TW-1 were installed in April 2010. In August 2011, seven additional temporary wells (TW-2 through TW-8) were installed. The active monitoring well network consists of MW-1 through MW-11, RW-1, RW-2, and DW-1.

3.1 FIELD ACTIVITIES

Peachtree personnel measured water levels and collected groundwater samples from the active monitoring well network (14 wells) at the VRP Property on November 23, 2015. None of the temporary wells (TW-1 and TW-8) were sampled. The monitoring wells are located such that monitoring well MW-1 is up-gradient on the VRP Property, monitoring well MW-2 is approximately parallel to the groundwater gradient across the VRP Property, and the remaining monitoring wells are down-gradient.

3.1.1 Water Levels

Prior to purging, water levels were measured relative to the top of each well casing using an electric water level tape. Groundwater level measurements and elevations for the November 2015 sampling event are presented in **Table 1**. **Figure 3** is a water table map based on groundwater elevations calculated from the water levels measured within the monitoring well network.

3.1.2 Well Purging

After water levels were measured, the wells were purged and sampled using low-flow/low-stress or low-flow/low-volume methodology (as appropriate) in general accordance with United States Environmental Protection Agency (EPA) Region 4 groundwater sampling protocols. Methodology was as follows:

- Monitoring wells with shallow groundwater depth were purged using a variable speed peristaltic pump.

- The water depth in monitoring well MW-1 is deeper than the peristaltic pump's lift capacity; therefore, this well was purged and sampled using a stainless steel submersible pump.
- Monitoring well MW-11, on the old landfill site, historically has shown a free product layer on the water surface. This well was sampled using a bailer.
- Time, volume of water purged, and field parameters were monitored and recorded during purging.
- Pump speed was adjusted to minimize drawdown within the wells such that they would not exceed approximately 0.3 feet.

Field parameters (pH, specific conductivity, turbidity, temperature, dissolved oxygen, and oxidation-reduction potential) were measured using a multi-parameter water quality meter with flow-through cell. Flow rates were kept within a range of 100 ml/min to 500 ml/min, to minimize drawdown. Purge volumes for each well were recorded. Final field parameter measurements for November 2015 and the previous sampling events are presented in **Table 2**; Monitoring Well Purging and Sampling Information forms are contained in **Appendix A**.

When field parameters stabilized, purging was stopped and the wells were sampled using the "soda straw" method. The groundwater samples were collected in laboratory-supplied 40-ml glass vials with Teflon® septa. The samples were placed in a cooler on ice and transported to Analytical Environmental Services, Inc. (AES) in Atlanta, Georgia, following standard chain of custody procedures. The samples were analyzed for VOCs by EPA Method 8260B. The laboratory analytical report and the completed chain of custody forms are included in **Appendix B**.

4.0 GROUNDWATER FLOW

The water table map based on the measured water levels from the November 2015 sampling event is shown on **Figure 3**. **Table 1** includes the well measuring point and groundwater elevation data used to determine the groundwater surface, gradient, and flow direction.

Figure 3 shows that groundwater flow across the site is predominantly to the east toward a large swampy area bordering Brushy Creek. The only sensitive receptor downgradient of the VRP Property is Brushy Creek, which is approximately 1,000 feet down-gradient of the VRP Property. Brushy Creek is a tributary of Brier Creek, which is a tributary of the Savannah River. The Savannah River is approximately 60 miles east of the VRP Property.

Modifying Darcy's Law, taking into account the actual pore space open to flow, determines seepage velocity:

$$v_s = \frac{Q}{n_e A} = \frac{K dh}{n_e dl}$$

The seepage velocity (v_s) for the VRP Property was calculated based on the recent groundwater elevation data (gradient), and average hydraulic conductivity on-site calculated from past falling-head slug tests conducted in 1996. The gradient (dh/dl) across the VRP Property, from MW-1 (355.52 feet) to MW-9 (350.75 feet), is approximately 0.007 foot per foot (4.77 feet/641 feet); the hydraulic conductivity (K) is 4.29×10^{-4} centimeters per second (1.22 feet per day); and the assumed soil porosity (n_e) is 0.21 (21 percent). The calculated groundwater seepage velocity for November 23, 2015, is, therefore, 0.043 feet per day. However, actual contaminant migration within the groundwater should be less than the groundwater flow velocity due to dispersion, adsorption, and constituent degradation.

5.0 GROUNDWATER QUALITY

A summary of historic monitoring well analytical results is presented in **Table 3**. Concentrations of various chlorinated VOCs and petroleum hydrocarbons detected are illustrated on **Figures 4 - 8**.

Overall, VOC concentrations have remained similar to the last monitoring event in June 2015. Of the 14 wells sampled, only four had detections of VOCs, all others were reported as below the laboratory reporting limit. Ten VOCs were detected, six of them above their respective Type 3 RRS in groundwater. 1,2-Dichloropropane (1,2-DCP) was detected for the first time in groundwater at the VRP Property. The maximum concentrations for each VOC detected at the VRP Property during the November 2015 sampling event are summarized below:

REGULATED CONSTITUENT	HIGHEST DETECTED CONCENTRATION (MONITORING WELL)	TYPE 3 RRS (µG/L)
1,1,2-TCA	6.2 µg/L (MW-7)	5
1,1-DCA	140 µg/L (MW-7)	4,000
1,2-DCA	52 µg/L (MW-7)	5.0
1,2-DCP	5.7 µg/L (MW-7)	5.0
Benzene	420 µg/L (MW-7)	5.0
cis-1,2-DCE	9.8 µg/L (MW-7)	70
Ethylbenzene	11 µg/L (MW-7)	700
Toluene	7.7 µg/L (MW-7)	1,000
Trichloroethene	6.6 µg/L (RW-1)	5
Vinyl Chloride	16 µg/L (MW-7)	2.0

The total VOCs isopleth map (**Figure 8**) indicates that the VOC plumes are focused in two general areas located on the eastern edge of the VRP Property: RW-1 and RW-2; and MW-7 and MW-11. It appears that the extent of impact is defined to the southeast (down-gradient) by wells MW-6 and MW-8, to the east by MW-11 (except for vinyl chloride), and northwest by MW-1, MW-2, MW-5, and MW-9. Monitoring well DW-1, the VRP Property's deep well, provides vertical delineation for all the detected VOCs.

Monitoring well MW-11 was installed on property that was used in the past as a dump for the City of Wrens. During the installation of monitoring well MW-11, the upper four to five feet of soil below the ground surface was highly organic and included trash and other solid waste materials. Trash and solid waste materials can be seen on the ground surface in the vicinity. During this sampling event, there was one detected VOC (vinyl chloride) in the groundwater sample from monitoring well MW-11. However, there was approximately 1 foot of light non-aqueous phase liquid (LNAPL) observed in the bailer used to collect the sample. This LNAPL is likely composed of some

hydrocarbon low in volatile organics such as mineral oil; the VOCs historically observed in the wells on the VRP Property do not appear to be present in this LNAPL¹. The observed LNAPL is likely due to the materials penetrated during the installation of this well that were disposed in the landfill.

¹ The majority of the VOCs observed at the VRP Property are denser than water, and would not exist as an LNAPL layer. They would only be present if the LNAPL acted like a solvent with trace amounts of the heavier VOCs.

6.0 CONCLUSIONS AND RECOMMENDATIONS

It appears that the removal of the sludge pond and other isolated soil contamination has minimized potential releases from the VRP Property soils to groundwater. Soil vapor extraction has indicated no detectable volatiles were being vacuumed from the soils on the VRP Property and thus the SVE systems have been shut off. In addition, the presence of breakdown products (e.g., vinyl chloride and cis-1,2-DCE) indicates bio-dechlorination and natural attenuation are reducing the levels of contaminants in the groundwater. The total volatile constituent concentrations shown on the following chart is indicative of the continued improvement in groundwater quality in the VRP Property monitoring wells as compared to the highest historical concentration reported at each.

Decrease in Total VOC Concentrations in Wells On-Site

WELL	CURRENT SAMPLING RESULTS (µG/L)	HISTORICAL HIGH SAMPLING RESULTS (µG/L)	HISTORICAL SAMPLING HIGH DATE	% DECREASE FROM HIGH
MW-3	BRL	1,192	12-5-01	100.0
MW-4	BRL	2,276	04-15-02	100.0
MW-5	BRL	129.3	10-22-02	100.0
MW-6	BRL	80.7	05-11-04	100.0
MW-7	668.4	3,107	10-19-06	78.5
MW-9	BRL	33	06-23-09	100.0
MW-10	BRL	108	06-23-09	100.0
RW-1	27.9	861	10-22-02	96.8
RW-2	25	26,879.7	02-13-03	99.9
DW-1	BRL	101.3	09-27-05	100.0
Notes: BRL – below laboratory reporting limits				

The constituent plume boundaries are well defined and the migration is toward a former closed city dump (which appears to be a potential source unrelated to the VRP Property operations) and a floodplain swamp along Brier Creek. It appears the constituents are naturally attenuating and degrading as the plume moves down-gradient.

Based on comparisons to historic values, the volatile organic contamination in the groundwater has shown a significant decrease from historical highs to the most recent event. This decrease is due to natural attenuation, the removal/capping of the former sludge lagoon, and other remedial actions (SVE and Air Sparging) formerly in operation on the VRP Property.



TABLES

Former Oil Processing Corporation Site
Industrial Street, Wrens, Jefferson County, Georgia
HIS# 10245
TABLE 1

Monitoring Well & Groundwater Elevation Data

Well	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	Sample Dates	Depth to Water from TOC (ft)	Water Level Elevation (ft NAVD)
MW-1	97.25	98.42	12/12/1996	38.96	59.46
			8/25/1998	39.98	58.44
			11/18/1998	41.33	57.09
			11/10/1999	43.20	55.22
			8/15/2000	43.90	54.52
			1/9/2001	44.22	54.20
			6/13/2001	42.41	56.01
			12/5/2001	44.40	54.02
			4/15/2002	44.04	54.38
			10/22/2002	45.40	53.02
			2/13/2003	44.18	54.24
			8/18/2003	38.96	59.46
			5/11/2004	42.56	55.86
			9/30/2004	42.64	55.78
			2/23/2005	43.74	54.68
			9/27/2005	41.65	56.77
			3/7/2006	41.65	56.77
			10/19/2006	43.94	54.48
			10/3/2007	44.09	54.33
			1/30/2008	43.45	54.97
			9/17/2008	43.74	54.68
			1/29/2009	41.22	57.20
			6/23/2009	40.21	58.21
		398.62	3/3/2010	39.33	59.09/359.29
			9/14/2010	42.15	356.47
			3/9/2011	43.61	355.01
			9/6/2011	45.09	353.53
			3/27/2012	45.67	352.95
			7/24/2012	46.37	352.25
			2/13/2013	45.68	352.94
			6/11/2013	42.22	356.40
			5/14/2014	40.37	358.25
			12/29/2014	44.08	354.54
			6/2/2015	42.42	356.20
			11/23/2015	43.10	355.52
MW-2	81.32	82.82	12/12/1996	25.48	57.34
			8/25/1998	27.28	55.54
			11/18/1998	27.35	55.47
			11/10/1999	28.70	54.12
			8/15/2000	29.18	53.64
			1/9/2001	29.20	53.62
			6/13/2001	28.22	54.60
			12/5/2001	29.83	52.99
			4/15/2002	29.34	53.48
			10/22/2002	30.20	52.62
			2/13/2003	28.91	53.91
			8/18/2003	25.77	57.05
			5/11/2004	28.75	54.07
			9/30/2004	27.88	54.97

Former Oil Processing Corporation Site
Industrial Street, Wrens, Jefferson County, Georgia
HIS# 10245
TABLE 1

Monitoring Well & Groundwater Elevation Data

Well	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	Sample Dates	Depth to Water from TOC (ft)	Water Level Elevation (ft NAVD)
MW-2	380.45		2/23/2005	28.38	54.44
			9/27/2005	28.15	54.67
			3/7/2006	27.55	55.27
			10/19/2006	29.53	53.29
			10/3/2007	29.78	53.04
			1/30/2008	28.34	54.48
			9/17/2008	29.14	53.68
			1/29/2009	27.78	55.04
			6/23/2009	26.73	56.09
			3/3/2010	25.10	57.22/355.35
			9/14/2010	28.34	352.11
			3/9/2011	29.08	351.37
			9/6/2011	30.42	350.03
			3/27/2012	30.37	350.08
			7/24/2012	31.05	349.40
			2/13/2013	30.04	350.41
			6/11/2013	26.02	354.43
			5/14/2014	26.20	354.25
			12/29/2014	29.41	351.04
			6/2/2015	28.01	352.44
MW-3	69.87	71.04	11/23/2015	28.08	352.37
			12/12/1996	14.70	56.34
			8/25/1998	15.35	55.69
			11/18/1998	15.90	55.14
			11/10/1999	17.25	53.79
			8/15/2000	17.81	53.23
			1/9/2001	18.01	53.03
			6/13/2001	16.26	54.78
			12/5/2001	18.05	52.99
			4/15/2002	18.00	53.04
			10/22/2002	18.80	52.24
			2/13/2003	18.25	52.79
			8/18/2003	14.75	56.29
			5/11/2004	17.30	53.74
			9/30/2004	16.31	54.73
			2/23/2005	16.65	54.39
			9/27/2005	16.47	54.57
			3/7/2006	16.03	55.01
			10/19/2006	17.60	53.44
			10/3/2007	17.90	53.14
			1/30/2008	17.14	53.90
			9/17/2008	17.30	53.74
			1/29/2009	16.53	54.51
			6/23/2009	15.49	55.55
			3/3/2010	14.52	56.52/353.56
			9/14/2010	16.15	351.93
			3/9/2011	17.15	350.93
			9/6/2011	18.61	349.47
			3/27/2012	18.77	349.31
			7/24/2012	19.35	348.73
			2/13/2013	17.41	350.67
			6/11/2013	14.90	353.18
			5/14/2014	15.51	352.57
			12/29/2014	17.45	350.63
			6/3/2015	16.90	351.18
			11/23/2015	16.66	351.42

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Well	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	Sample Dates	Depth to Water from TOC (ft)	Water Level Elevation (ft NAVD)
MW-4	73.26	74.43	12/12/1996	19.02	55.41
			8/25/1998	19.65	54.78
			11/18/1998	20.00	54.43
			11/10/1999	21.13	53.30
			8/15/2000	21.60	52.83
			1/9/2001	21.75	52.68
			6/13/2001	20.68	53.75
			12/5/2001	21.87	52.56
			4/15/2002	21.75	52.68
			10/22/2002	22.47	51.97
			2/13/2003	21.55	53.28
			8/18/2003	19.79	54.67
			5/11/2004	20.65	53.78
			9/30/2004	20.30	54.13
			2/23/2005	20.30	54.13
			9/27/2005	20.52	53.91
			3/7/2006	19.94	54.49
			10/19/2006	21.50	52.93
			10/3/2007	21.72	52.71
			1/30/2008	20.80	53.63
			9/17/2008	21.10	53.33
			1/29/2009	20.85	53.58
			6/23/2009	19.54	54.89
		371.39	3/3/2010	18.61	55.82/352.78
			9/14/2010	20.26	351.13
			3/9/2011	21.02	350.37
			9/6/2011	22.44	348.95
			3/27/2012	22.38	349.01
			7/24/2012	23.00	348.39
			2/13/2013	21.54	349.85
			6/11/2013	18.27	353.12
			5/14/2014	19.48	351.91
			12/29/2014	21.16	350.23
			6/2/2015	19.78	351.61
			11/23/2015	20.46	350.93
MW-5	81.47	83.81	11/10/1999	30.18	53.63
			8/15/2000	30.53	53.28
			1/9/2001	30.68	53.13
			6/13/2001	29.75	54.06
			12/5/2001	30.91	52.90
			4/15/2002	30.78	53.03
			10/22/2002	31.46	52.35
			2/13/2003	30.50	53.31
			8/18/2003	27.72	56.09
			5/11/2004	29.80	54.01
			9/30/2004	29.43	54.38
			2/23/2005	29.60	54.21
			9/27/2005	29.61	54.20
			3/7/2006	29.04	54.77
			10/19/2006	31.52	52.29
			10/3/2007	30.80	53.01
			1/30/2008	29.73	54.08
			9/17/2008	30.23	53.58
			1/29/2009	29.67	54.14
			6/23/2009	28.54	55.27

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Monitoring Well & Groundwater Elevation Data

Well	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	Sample Dates	Depth to Water from TOC (ft)	Water Level Elevation (ft NAVD)
MW-5		380.56	3/3/2010	27.57	56.24/352.99
			9/14/2010	29.45	351.11
			3/9/2011	30.15	350.41
			9/6/2011	31.50	349.06
			3/27/2012	31.40	349.16
			7/24/2012	32.00	348.56
			2/13/2013	31.02	349.54
			6/11/2013	27.28	353.28
			5/14/2014	28.47	352.09
			12/29/2014	30.47	350.09
			6/2/2015	29.80	350.76
			11/23/2015	29.51	351.05
MW-6	61.1	63.51	11/10/1999	10.83	52.68
			8/15/2000	11.00	52.51
			1/9/2001	11.25	52.26
			6/13/2001	9.86	53.65
			12/5/2001	11.26	52.25
			4/15/2002	11.20	52.31
			10/22/2002	11.87	51.64
			2/13/2003	11.25	52.26
			8/18/2003	9.50	54.01
			5/11/2004	10.08	53.43
			9/30/2004	9.80	53.71
			2/23/2005	9.58	53.93
			9/27/2005	9.94	53.57
			3/7/2006	9.50	54.01
			10/19/2006	10.88	52.63
			10/3/2007	11.17	52.34
			1/30/2008	10.51	53.00
			9/17/2008	10.72	52.79
			1/29/2009	9.99	53.52
			6/23/2009	9.34	54.17
		360.56	3/3/2010	8.17	55.34/352.39
			9/14/2010	9.56	351.00
			3/9/2011	10.35	350.21
			9/6/2011	11.89	348.67
			3/27/2012	11.91	348.65
			7/24/2012	12.50	348.06
			2/13/2013	10.41	350.15
			6/11/2013	8.10	352.46
			5/14/2014	9.21	351.35
			12/29/2014	10.46	350.10
			6/2/2015	10.25	350.31
			11/23/2015	10.02	350.54

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Monitoring Well & Groundwater Elevation Data

Well	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	Sample Dates	Depth to Water from TOC (ft)	Water Level Elevation (ft NAVD)
MW-7	70.15	72.76	10/22/2002	21.20	51.56
			2/13/2003	20.26	52.50
			8/18/2003	17.89	54.87
			5/11/2004	19.64	53.12
			9/30/2004	19.13	53.63
			2/23/2005	19.32	53.44
			9/27/2005	19.08	53.68
			3/7/2006	18.95	53.81
			10/19/2006	20.55	52.21
			10/3/2007	22.54	50.22
			1/30/2008	17.65	53.20
			9/17/2008	18.02	52.83
			1/29/2009	14.55	53.55
			6/23/2009	15.20	52.90
		366.31	3/3/2010	13.54	54.56/352.77
			9/14/2010	15.60	350.71
			3/9/2011	16.13	350.18
			9/6/2011	17.60	348.71
			3/27/2012	17.12	349.19
			7/24/2012	18.22	348.09
			2/13/2013	16.45	349.86
			6/11/2013	16.00	350.31
			5/14/2014	14.85	351.46
			12/30/2014	16.35	349.96
			6/3/2015	16.37	349.94
			11/23/2015	15.65	350.66
MW-8	58.11	60.89	10/22/2002	10.02	50.87
			2/13/2003	9.68	51.21
			8/18/2003	8.25	52.64
			5/11/2004	9.38	51.21
			9/30/2004	8.00	52.11
			2/23/2005	8.71	52.18
			9/27/2005	9.57	51.32
			3/7/2006	8.79	52.10
			10/19/2006	10.00	50.89
			10/3/2007	10.71	50.18
			1/30/2008	9.56	51.33
			9/17/2008	9.25	51.64
			1/29/2009	9.08	51.81
			6/23/2009	8.72	52.17
		357.96	3/3/2010	7.50	53.39/350.46
			9/14/2010	7.82	350.14
			3/9/2011	7.95	350.01
			9/6/2011	10.90	347.06
			3/27/2012	10.59	347.37
			7/24/2012	11.22	346.74
			2/13/2013	10.90	347.06
			6/11/2013	6.24	351.72
			5/14/2014	8.61	349.35
			12/29/2014	8.90	349.06
			6/3/2015	9.70	348.26
			11/23/2015	8.78	349.18

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Monitoring Well & Groundwater Elevation Data

Well	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	Sample Dates	Depth to Water from TOC (ft)	Water Level Elevation (ft NAVD)
MW-9	77.15	78.74	1/30/2008	25.28	53.46
		375.78	9/17/2008	25.75	52.99
			1/29/2009	25.08	53.66
			6/23/2009	24.40	54.34
			3/3/2010	23.44	55.30/352.34
			9/14/2010	25.29	350.49
			3/9/2011	25.78	350.00
			9/6/2011	27.00	348.78
			3/27/2012	26.78	349.00
			7/24/2012	27.42	348.36
			2/13/2013	26.05	349.73
			6/11/2013	23.53	352.25
			5/14/2014	24.26	351.52
			12/29/2014	26.02	349.76
			6/3/2015	25.45	350.33
MW-10	62.57	64.67	1/30/2008	11.96	52.71
		361.66	9/17/2008	12.18	52.49
			1/29/2009	11.61	53.06
			6/23/2009	11.93	52.74
			3/3/2010	10.22	54.45/351.44
			9/14/2010	11.46	350.20
			3/9/2011	11.95	349.71
			9/6/2011	13.53	348.13
			3/27/2012	13.29	348.37
			7/24/2012	14.03	347.63
			2/13/2013	12.17	349.49
			6/11/2013	9.55	352.11
			5/14/2014	10.76	350.90
			12/30/2014	12.04	349.62
			6/3/2015	12.06	349.60
MW-11	366.7	368.88	11/23/2015	11.44	350.22
			4/30/2010	18.98	349.90
			9/14/2010	20.00	348.88
			3/9/2011	21.20	347.68
			9/6/2011	22.80	346.08
			3/27/2012	22.78	346.10
			7/24/2012	23.48	345.40
			2/13/2013	21.02	347.86
			6/11/2013	NM	NM
			5/14/2014	NM	NM
			12/29/2014	NM	NM
			6/3/2015	NM	NM
			11/23/2015	NM	NM

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Monitoring Well & Groundwater Elevation Data

Well	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	Sample Dates	Depth to Water from TOC (ft)	Water Level Elevation (ft NAVD)
DW-1	70.75	73.21	10/22/2002	21.87	51.34
			2/13/2003	21.15	52.06
			8/18/2003	18.38	54.83
			5/11/2004	20.80	52.41
			9/30/2004	20.25	52.96
			2/23/2005	19.95	53.26
			9/27/2005	19.92	53.29
			3/7/2006	19.63	53.58
			10/19/2006	20.84	52.37
			10/3/2007	21.15	52.06
			1/30/2008	20.75	52.46
			9/17/2008	20.75	52.46
			1/29/2009	20.05	53.16
			6/23/2009	19.06	54.15
		370.10	3/3/2010	18.41	54.80/351.69
			9/14/2010	19.79	350.31
			3/9/2011	20.58	349.52
			9/6/2011	21.96	348.14
			3/27/2012	21.90	348.20
			7/24/2012	22.41	347.69
			2/13/2013	21.45	348.65
			6/11/2013	19.56	350.54
			5/14/2014	19.08	351.02
			12/29/2014	20.82	349.28
			6/3/2015	20.80	349.30
			11/23/2015	20.39	349.71
RW-1	75.72	74.31	10/22/2002	25.94	NA
			2/13/2003	20.49	53.82
			8/18/2003	19.60	54.71
			5/11/2004	20.07	54.24
			9/30/2004	19.95	54.36
			2/23/2005	20.00	54.31
			9/27/2005	19.98	54.33
			3/7/2006	19.53	54.78
			10/19/2006	21.40	52.91
			10/3/2007	22.80	51.51
			1/30/2008	20.55	53.76
			9/17/2008	NA	NA
			1/29/2009	20.80	53.51
			6/23/2009	19.92	54.39
		371.83	3/3/2010	18.10	56.21/353.73
			9/14/2010	19.72	352.11
			3/9/2011	20.48	351.35
			9/6/2011	21.12	350.71
			3/27/2012	22.00	349.83
			7/24/2012	22.64	349.19
			2/13/2013	21.55	350.28
			6/11/2013	17.87	353.96
			5/14/2014	18.83	353.00
			12/30/2014	21.90	349.93
			6/3/2015	20.25	351.58
			11/23/2015	20.15	351.68

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Monitoring Well & Groundwater Elevation Data

Well	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	Sample Dates	Depth to Water from TOC (ft)	Water Level Elevation (ft NAVD)
RW-2	71.07	69.58	10/22/2002	19.44	50.14
			2/13/2003	16.93	52.65
			8/18/2003	15.20	54.38
			5/11/2004	15.60	53.98
			9/30/2004	15.38	54.20
			2/23/2005	15.33	54.25
			9/27/2005	15.38	54.20
			3/7/2006	15.00	54.58
			10/19/2006	16.45	53.13
			10/3/2007	18.10	51.48
			1/30/2008	16.00	53.58
			9/17/2008	NA	NA
			1/29/2009	16.40	53.18
			6/23/2009	14.45	55.13
		367.22	3/3/2010	13.58	56.00/353.64
			9/14/2010	15.15	352.07
			3/9/2011	17.87	349.35
			9/6/2011	18.38	348.84
			3/27/2012	17.27	349.95
			7/24/2012	17.97	349.25
			2/13/2013	16.65	350.57
			6/11/2013	13.70	353.52
			5/14/2014	14.45	352.77
			12/30/2014	16.25	350.97
			6/3/2015	15.80	351.42
			11/23/2015	15.55	351.67
TW-1	375.41	377.89	4/30/2010	24.50	353.39
			9/14/2010	26.55	351.35
			3/9/2011	27.31	350.58
			9/6/2011	28.20	349.69
			3/27/2012	>28.80 Dry	Dry
			7/24/2012	>28.00 Dry	Dry
			2/13/2013	>28.00 Dry	Dry
			6/11/2013	NM	NM
			5/14/2014	NM	NM
			12/30/2014	NM	NM
			6/2/2015	NM	NM
			11/23/2015	NM	NM

Note: All elevations are derived from a professional survey datum established March 2010; prior elevations were referenced to an arbitrary project benchmark.
NM - Not measured

TABLE 2
Field Parameter Measurements
Former Oil Processing Corporation Site
Wrens, Georgia

Well	Sample Dates	pH	Temperature (°C)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Oxidation/Reduction Potential (mV)
MW-1	6/11/2013	4.65	20.98	0.031	-	-	38.0
	5/14/2014	4.74	20.00	0.036	2.76	9.21	99.5
	12/29/2014	4.16	17.77	0.091	4.15	8.27	152.3
	6/2/2015	4.91	26.93	0.036	2.03	8.67	256.0
	11/23/2015	4.09	18.73	0.017	4.92	5.56	385.0
MW-2	6/11/2013	5.08	19.98	0.078	-	-	316.0
	5/14/2014	5.69	19.04	0.121	5.17	0.74	-118.6
	12/29/2014	4.37	18.47	0.051	2.70	2.09	232.0
	6/2/2015	5.69	20.14	0.085	56.40	0.00	-112.0
	11/23/2015	4.61	18.57	0.024	9.05	0.11	123.0
MW-3	6/12/2013	4.38	18.49	0.067	-	2.48	428
	5/14/2014	4.56	18.78	0.072	4.85	2.85	-27.7
	12/30/2014	3.72	18.13	0.135	2.08	2.81	272.0
	6/3/2015	4.55	18.32	0.095	7.43	0.00	364.0
	11/23/2015	3.84	18.47	0.049	0.23	0.00	387.0
MW-4	6/12/2013	4.29	18.78	0.125	-	2.55	340
	5/15/2014	4.73	18.28	0.058	2.77	0.68	85.4
	12/29/2014	4.55	18.97	1.202	4.71	0.26	119.0
	6/2/2015	4.79	25.03	0.656	8.31	0.00	148.0
	11/23/2015	4.72	19.47	0.037	0.00	0.00	-10.0
MW-5	6/11/2013	4.48	20.21	0.261	-	0.0	407
	5/14/2014	4.56	24.21	0.483	2.37	4.84	76.4
	12/29/2014	4.44	18.36	0.086	0.62	0.45	284.4
	6/2/2015	4.51	21.50	0.494	12.70	3.55	271.0
	11/23/2015	4.27	18.88	0.291	0.00	0.00	253.0
MW-6	6/11/2013	4.30	17.32	0.038	-	0.0	350
	5/14/2014	4.99	17.17	0.042	3.15	0.78	18.4
	12/29/2014	4.40	17.88	0.035	1.64	0.62	232.6
	6/2/2015	4.93	19.15	0.052	149.00	0.00	190.0
	11/23/2015	4.91	17.28	0.033	9.72	0.79	378.0
MW-7	6/12/2013	5.20	20.32	0.100	-	0.0	120.0
	5/15/2014	6.27	20.06	0.216	4.77	2.28	-71.3
	12/30/2014	6.12	19.76	0.242	4.24	6.00	-108.0
	6/3/2015	6.05	21.12	0.204	10.20	0.00	-61.0
	11/23/2015	5.75	18.53	0.119	10.00	0.00	-117.0
MW-8	6/11/2013	5.33	19.54	0.045	-	2.18	213
	5/14/2014	4.95	16.25	0.045	7.99	1.18	39.4
	12/29/2014	4.64	15.52	0.060	7.79	8.64	283.8
	6/3/2015	4.96	17.36	0.035	8.54	0.00	383.0
	11/23/2015	5.19	17.02	0.062	3.74	7.58	287.0

TABLE 2
Field Parameter Measurements
Former Oil Processing Corporation Site
Wrens, Georgia

Well	Sample Dates	pH	Temperature (°C)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Oxidation/Reduction Potential (mV)
MW-9	6/11/2013	4.86	21.74	0.071		0.0	195
	5/15/2014	5.02	20.97	0.067	4.90	1.38	171.7
	12/29/2014	4.53	19.22	0.050	1.57	0.25	210.0
	6/3/2015	5.05	20.28	0.051	7.14	0.00	234.0
	11/23/2015	4.72	17.61	0.055	1.00	1.08	256.0
MW-10	6/11/2013	5.28	19.65	0.081	-	0.0	52.0
	5/15/2014	5.55	17.46	0.148	3.04	0.72	66.0
	12/30/2014	5.25	17.64	0.239	25.1	6.85	31.5
	6/3/2015	5.58	19.35	0.133	2.12	0.00	39.0
	11/23/2015	5.32	18.91	0.104	29.8	5.27	75.0
DW-1	6/11/2013	4.77	21.68	0.109	-	4.24	279
	5/14/2014	4.76	21.83	0.127	2.17	6.21	82.6
	12/29/2014	4.42	18.81	0.108	1.18	5.02	213.0
	6/2/2015	4.63	22.16	0.109	11.80	5.58	299.0
	11/23/2015	4.78	18.76	0.129	0.00	4.28	381.0
RW-1	6/12/2013	4.43	20.06	0.151	24.6	0.0	273
	5/15/2014	4.24	19.94	0.122	1.76	5.63	199.6
	12/30/2014	4.57	19.74	0.100	7.58	3.32	217.0
	6/3/2015	4.63	20.16	0.104	0.00	5.52	387.0
	11/23/2015	4.94	20.04	0.094	3.76	1.49	301.0
RW-2	6/12/2013	3.64	17.95	0.246	-	1.10	409
	5/14/2014	4.28	19.02	0.631	13.70	0.54	21.4
	12/30/2014	3.51	18.49	0.438	36.5	0.47	260.0
	6/3/2015	4.07	20.03	0.423	4.83	0.00	138.0
	11/23/2015	4.31	18.10	0.172	0.00	1.02	413.0

Note: Turbiditymeter malfunction June 2013

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - 1,1-Dichloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	36	40											
8/25/1998	< 5	< 5	< 5	120											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	41	240	< 5	5.6									
8/15/2000	< 5	< 5	95	50	< 5	6.6									
1/9/2001	< 5	< 5	16	69	< 5	< 5									
6/13/2001	< 5	< 5	< 5	25	12	< 5									
12/5/2001	< 5	< 5	260	100	29	< 5									
4/15/2002	< 5	< 5	5.5	110	28	5.2									
10/22/2002	< 5	< 5	330	44	29	7.8	110	< 5				< 5	< 5	1,000	
2/13/2003	< 5	< 5	7.6	130	5.7	< 5	51	< 5				5.6	38	1,600	
8/18/2003	< 5	< 5	56	37	< 5	< 5	18	< 5				< 5	44	580	
5/11/2004	< 5	< 5	14	87	< 5	14	90	5.1				< 5	< 5	550	
9/30/2004	< 5	< 5	< 5	110	< 5	< 5	< 5	< 5				< 5	68	460	
2/23/2005	< 5	< 5	< 5	60	< 5	10	< 5	< 5				< 5	21	38	
9/27/2005	< 5	< 5	9.1	42	< 5	< 5	30	< 5				< 5	< 5	18	
3/7/2006	< 5	< 5	< 5	5.8	< 5	6.5	40	< 5				< 5	41	85	
10/19/2006	< 5	< 5	120	100	13	17	200	< 5				< 5	6.6	31	
10/3/2007	< 5	< 5	21	95	< 5	< 5	39	< 5				< 5	13	120	
1/30/2008	< 5	< 5	< 5	40	< 5	9.9	54	< 5	< 5	11		< 5	20	92	
9/17/2008	< 5	< 5	< 5	16	< 5	< 5	49	< 5	< 5	7.8		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	12	< 5	< 5	12		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	23	< 5	< 5	25		< 5	< 5	33	
3/3/2010	< 5	< 5	< 5	< 5	< 5	< 5	130	< 5	< 5	23		< 5	9.9	< 5	
9/14/2010	< 5	< 5	< 5	10	< 5	< 5	220	< 5	< 5	22/21	35	< 5	< 5	31	140
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	270	< 5	< 5	12	18	< 5	< 5	64	180
9/6/2011	< 5	< 5	23	20	< 5	< 5/< 5	190	< 5	< 5	17	44	< 5	< 5	28/23	100
3/27/2012	< 5	< 5	5.5	22	< 5/< 5	< 5	72	< 5	< 5	8.1/7.5	27	< 5	< 5	120	dry
7/24/2012	< 5	< 5	24	18	< 5	6.4/6.2	270	< 5	< 5	13	46	< 5	< 5	49/48	dry
2/13/2013	< 5	< 5	< 5	8	< 5	< 5	130	< 5	< 5	< 5	< 5	< 5	23	97	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	63	< 5	< 5	< 5	< 5	< 5	57	< 5	NS
5/14/2014	< 5	< 5	6.3	< 5	< 5	< 5	49	< 5	< 5	13	< 5	< 5	< 5	64	NS
12/29/2014	< 5	< 5	7.8	9.8	< 5	< 5	160	< 5	< 5	25	< 5	< 5	< 5	45	NS
6/2/2015	< 5	< 5	11	< 5	< 5	< 5	100	< 5	< 5	15	7.0	< 5	< 5	42	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	140/140	< 5	< 5	< 5	< 5	< 5	8.0	25	NS

Notes: 1) 1,1-Dichloroethane (ug/l) Type 3 RRS (4,000 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - 1,1-Dichloroethene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	< 5											
8/25/1998	< 5	< 5	< 5	< 5											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5									
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5									
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5									
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5									
12/5/2001	< 5	< 5	< 5	< 5	< 5	< 5									
4/15/2002	< 5	< 5	< 5	< 5	< 5	< 5									
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	1,000	
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	1,500	
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	400	
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	380	
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	200	
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	44	
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	13	
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	16	
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	6.4	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
9/14/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	34
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	30
9/6/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	9.3
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) 1,1-Dichloroethene (ug/l) Type 3 RRS (7 ppb)
2) NS - Not Sampled

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - 1,2-Dichloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	51											
8/25/1998	< 5	< 5	< 5	220											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5									
8/15/2000	< 5	< 5	18	< 5	< 5	< 5									
1/9/2001	< 5	< 5	14	320	< 5	< 5									
6/13/2001	< 5	< 5	< 5	120	13	< 5									
12/5/2001	< 5	< 5	200	460	28	< 5									
4/15/2002	< 5	< 5	< 5	760	27	< 5									
10/22/2002	< 5	< 5	100	380	27	< 5	170	< 5				< 5	< 5	380	
2/13/2003	< 5	< 5	< 5	410	6.3	< 5	37	< 5				37	19	870	
8/18/2003	< 5	< 5	24	12	< 5	< 5	38	< 5				< 5	< 5	340	
5/11/2004	< 5	< 5	10	43	< 5	24	420	< 5				6.1	< 5	320	
9/30/2004	< 5	< 5	< 5	31	< 5	5.9	< 5	< 5				< 5	17	160	
2/23/2005	< 5	< 5	< 5	36	< 5	8.1	7.9	< 5				< 5	6	81	
9/27/2005	< 5	< 5	< 5	41	< 5	< 5	51	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	< 5	5.9	64	< 5				< 5	< 5	48	
10/19/2006	< 5	< 5	< 5	140	< 5	14	300	< 5				< 5	< 5	30	
10/3/2007	< 5	< 5	15	150	< 5	< 5	150	< 5				< 5	< 5	13	
1/30/2008	< 5	< 5	< 5	76	< 5	10	75	< 5	< 5	< 5		< 5	< 5	78	
9/17/2008	< 5	< 5	< 5	16	< 5	< 5	69	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	31	< 5	< 5	6.9		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	15		< 5	< 5	20	
3/3/2010	< 5	< 5	< 5	< 5	< 5	< 5	43	< 5	< 5	12		< 5	< 5	< 5	
9/14/2010	< 5	< 5	< 5	25	< 5	< 5/< 5	150	< 5	< 5	13/14	7.4	< 5	< 5	9.5	64
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	100	< 5	< 5	< 5	< 5	< 5	< 5	23	57
9/6/2011	< 5	< 5	10	34	< 5	< 5/< 5	51	< 5	< 5	6.5	15	< 5	< 5	8.3/11	67
3/27/2012	< 5	< 5	< 5	40	< 5/< 5	< 5	25	< 5	< 5	< 5/< 5	8	< 5	< 5	30	dry
7/24/2012	< 5	< 5	14	17	< 5	< 5/< 5	120	< 5	< 5	5.7	14	< 5	< 5	13/13	dry
2/13/2013	< 5	< 5	< 5	8.3	< 5	< 5	68	< 5	< 5	< 5	< 5	< 5	5.2	32	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	23	< 5	< 5	< 5	< 5	< 5	6.4	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	16	< 5	< 5	6.8	< 5	< 5	< 5	21	NS
12/29/2014	< 5	< 5	12	6.6	< 5	< 5	< 5	< 5	< 5	10	< 5	< 5	< 5	12	NS
6/2/2015	< 5	< 5	5.4	< 5	< 5	< 5	29	< 5	< 5	6.0	< 5	< 5	< 5	13	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	52/51	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) 1,2-Dichloroethane (ug/l) Type 3 RRS (5 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - 1,2-Dichloroethene (Total)

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 10	< 10	< 10	100											
8/25/1998	< 10	< 10	< 10	530											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 10	< 10	6.8	79	< 10	5.1									
8/15/2000	< 10	< 10	18	72	< 10	< 10									
1/9/2001	< 10	< 10	16	470	< 10	< 10									
6/13/2001	< 10	< 10	< 10	270	5.9	< 10									
12/5/2001	< 10	< 10	160	970	17	< 10									
4/15/2002	< 10	< 10	< 10	500	15	< 10									
10/22/2002	< 10	5	100	820	15	< 10	800	< 10				< 10	< 10	560	
2/13/2003	< 10	< 10	< 10	570	< 10	< 10	480	< 10				< 10	23	1,000	
8/18/2003	< 10	< 10	32	< 10	< 10	< 10	71	< 10				< 10	< 10	410	
5/11/2004	< 10	< 10	9.3	< 10	< 10	7.7	330	< 10				< 10	< 10	240	
9/30/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	9.2	200	
2/23/2005	< 10	< 10	< 10	6.3	< 10	< 10	< 10	< 10				< 10	9.2	36	
9/27/2005	< 10	< 10	15	25	< 10	< 10	28	< 10				< 10	< 10	18	
3/7/2006	< 10	< 10	< 10	< 10	< 10	6.3	32	< 10				< 10	8.9	44	
10/19/2006	< 10	< 10	140	145.5	7.9	15	470	< 10				< 10	< 10	36	
10/3/2007	< 10	< 10	45	12	< 10	< 10	< 10	< 10				< 10	< 10	14	
1/30/2008	< 10	< 10	< 10	< 10	< 10	9.4	78	< 10	< 10	< 10		< 10	< 10	< 10	
9/17/2008	< 10	< 10	< 10	< 10	< 10	< 10	300	< 10	< 10	7.7		< 10	NS	NS	
1/29/2009	< 10	< 10	< 10	< 10	< 10	< 10	42	< 10	< 10	27		< 10	< 10	< 10	
6/23/2009	< 10	< 10	7.3	< 10	< 10	< 10	9	< 10	< 10	57		< 10	< 10	41	
3/3/2010	< 10	< 10	< 10	< 10	< 10	< 10	26	< 10	< 10	48		< 10	< 10	7.2	
9/14/2010	< 10	< 10	< 10	53	< 10	< 10/< 10	56	< 10	< 10	28/30	< 5	< 10	< 10	30	2,300
3/9/2011	< 10	< 10	< 10	14/18	< 10	< 10	41	< 10	< 10	11	< 5	< 5	< 5	44	1,900
9/6/2011	< 10	< 10	42	110	< 5	< 5/< 5	69	< 5	< 5	34	7.8	< 5	< 5	18/18	690
3/27/2012	< 5	< 5	11	< 5	< 5/< 5	< 5	< 5	< 5	< 5	14/13	< 5	< 5	< 5	65	dry
7/24/2012	< 5	< 5	45	19	5.9	< 5/< 5	49	< 5	< 5	19	< 5	< 5	< 5	31/31	dry
2/13/2013	< 5	< 5	< 5	40	< 5	< 5	23	< 5	< 5	< 5	< 5	< 5	14	42	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	19	< 5	NS
5/14/2014	< 5	< 5	13	< 5	< 5	< 5	< 5	< 5	< 5	27	< 5	< 5	< 5	79	NS
12/29/2014	< 5	< 5	< 5	18	< 5	< 5	< 5	< 5	< 5	23	< 5	< 5	< 5	54	NS
6/2/2015	< 5	< 5	24	8.9	< 5	< 5	6.6	< 5	< 5	22	< 5	< 5	< 5	58	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	9.8/9.7	< 5	< 5	< 5	< 5	< 5	5.1	< 5	NS

Notes: 1) 1,2-Dichloroethene (Total) (ug/l) Type 4 RRS RAGS Equation 2 (1,000 ppb)
2) Total DCE typically corresponds with cis-1,2-DCE (trans isomer does not usually occur as a degradation product)
3) NS - Not Sampled
4) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - 1,1,1-Trichloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	< 5											
8/25/1998	< 5	< 5	< 5	< 5											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5									
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5									
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5									
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5									
12/5/2001	< 5	< 5	< 5	< 5	< 5	< 5									
4/15/2002	< 5	< 5	< 5	< 5	< 5	< 5									
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	21	< 5				< 5	< 5	2,400	
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	77	< 5				< 5	< 5	3,000	
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	620	
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	90	< 5				< 5	< 5	600	
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	230	
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	15	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	11	< 5				< 5	< 5	< 5	
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	35	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	5.6	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
9/14/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	47
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	55
9/6/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	11
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) 1,1,1-Trichloroethane (ug/l) Type 3 RRS (200 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - 1,1,2-Trichloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	< 5											
8/25/1998	< 5	< 5	< 5	< 5											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	< 5	5.3	< 5									
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5									
1/9/2001	< 5	< 5	8.4	< 5	< 5	< 5									
6/13/2001	< 5	< 5	< 5	< 5	10	< 5									
12/5/2001	< 5	< 5	33	22	18	< 5									
4/15/2002	< 5	< 5	< 5	26	23	< 5									
10/22/2002	< 5	< 5	100	8.3	22	< 5	68	< 5				< 5	< 5	67	
2/13/2003	< 5	< 5	7.6	13	5.6	< 5	72	< 5				< 5	< 5	75	
8/18/2003	< 5	< 5	17	< 5	< 5	< 5	31	< 5				< 5	< 5	43	
5/11/2004	< 5	< 5	< 5	6.7	< 5	< 5	170	< 5				< 5	< 5	< 5	
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	6.6	< 5	
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	26	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	33	< 5				< 5	< 5	6.3	
10/19/2006	< 5	< 5	< 5	10	6	< 5	170	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	14	< 5	< 5	110	< 5				< 5	< 5	< 5	
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	47	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	76	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	13/12	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
9/14/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	61	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	36	< 5	< 5	< 5	< 5	< 5	< 5	< 5	35
9/6/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	16	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	13
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	5.5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	37	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	8	< 5	< 5	130	< 5	< 5	< 5	< 5	< 5	23	97	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	8.9	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	6.2/6.4	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) 1,1,2-Trichloroethane (ug/l) Type 4 RRS RAGS Equation 1 (46 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - 1,1,2,2-Tetrachloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	< 5											
8/25/1998	< 5	< 5	< 5	< 5											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5									
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5									
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5									
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5									
12/5/2001	< 5	< 5	< 5	< 5	< 5	< 5									
4/15/2002	< 5	< 5	< 5	< 5	< 5	< 5									
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	17	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	23	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	21	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/ 5.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	10
9/14/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	13	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	22
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	5.9	< 5	< 5	< 5	< 5	< 5	< 5	< 5	28
9/6/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	16	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	18
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) 1,1,2,2-Tetrachloroethane (ug/l) Type 4 RRS RAGS Equation 1 (13 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - 2-Butanone

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 10	< 10	< 10	< 10											
8/25/1998	< 10	< 10	< 10	< 10											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 10	< 10	< 10	< 10	< 10	< 10									
8/15/2000	< 10	< 10	< 10	< 10	< 10	< 10									
1/9/2001	< 10	< 10	< 10	< 10	< 10	< 10									
6/13/2001	<10	<10	<10	<10	<10	<10									
12/5/2001	< 10	< 10	< 10	< 10	< 10	< 10									
4/15/2002	< 10	< 10	< 10	< 10	< 10	< 10									
10/22/2002	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	240	< 10	
2/13/2003	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	4,700	
8/18/2003	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	2,100	
5/11/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	2,100	
9/30/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	2,100	
2/23/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
9/27/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	130	
3/7/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	410	
10/19/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	440	
10/3/2007	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	< 50	
1/30/2008	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50		< 50	< 50	< 50	
9/17/2008	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50		< 50	NS	NS	
1/29/2009	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50		< 50	< 50	< 50	
6/23/2009	< 50	< 50	< 50	< 50	< 50	< 50	99	< 50	< 50	< 50		< 50	< 50	< 50	
3/3/2010	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
9/14/2010	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50
3/9/2011	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
9/6/2011	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50
3/27/2012	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	dry
7/24/2012	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	dry
2/13/2013	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	dry
6/11/2013	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS
5/14/2014	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS
12/29/2014	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS
6/2/2015	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS
11/23/2015	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS

Notes: 1) 2-Butanone (ug/l) Type 3 RRS (2,000 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - 4-Methyl-2-pentanone

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 10	< 10	< 10	< 10											
8/25/1998	< 10	< 10	< 10	< 10											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 10	< 10	< 10	< 10	< 10	< 10									
8/15/2000	< 10	< 10	< 10	< 10	< 10	< 10									
1/9/2001	< 10	< 10	< 10	< 10	< 10	< 10									
6/13/2001	<10	<10	<10	<10	<10	<10									
12/5/2001	< 10	< 10	< 10	< 10	< 10	< 10									
4/15/2002	< 10	< 10	< 10	< 10	< 10	< 10									
10/22/2002	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	11	< 10	
2/13/2003	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	350	
8/18/2003	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	220	
5/11/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	280	
9/30/2004	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	160	
2/23/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
9/27/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
3/7/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	33	
10/19/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
10/3/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
1/30/2008	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	
9/17/2008	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10	NS	NS	
1/29/2009	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	
6/23/2009	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	
3/3/2010	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
9/14/2010	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10
3/9/2011	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
9/6/2011	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10
3/27/2012	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	dry
7/24/2012	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	dry
2/13/2013	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	dry
6/11/2013	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS
5/14/2014	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS
12/29/2014	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS
6/2/2015	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS
11/23/2015	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS

Notes: 1) 4-Methyl-2-pentanone (ug/l) Type 3 RRS (2,000 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - Acetone

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 20	< 20	< 20	< 20											
8/25/1998	< 20	< 20	< 20	< 20											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 20	< 20	< 20	< 20	< 20	< 20									
8/15/2000	< 20	< 20	< 20	< 20	< 20	< 20									
1/9/2001	< 20	< 20	< 20	< 20	< 20	< 20									
6/13/2001	< 20	< 20	< 20	< 20	< 20	< 20									
12/5/2001	< 20	< 20	< 20	< 20	< 20	< 20									
4/15/2002	< 20	< 20	< 20	< 20	< 20	< 20									
10/22/2002	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20				< 20	610	3,200	
2/13/2003	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20				< 20	6.6	11,000	
8/18/2003	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20				< 20	30	6,800	
5/11/2004	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20				< 20	< 20	3,800	
9/30/2004	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20				< 20	< 20	3,300	
2/23/2005	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20				< 20	< 20	< 20	
9/27/2005	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20				< 20	< 20	270	
3/7/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	870	
10/19/2006	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	440	
10/3/2007	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50				< 50	< 50	95	
1/30/2008	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50		< 50	< 50	< 50	
9/17/2008	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50		< 50	NS	NS	
1/29/2009	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50		< 50	< 50	< 50	
6/23/2009	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50		< 50	< 50	< 50	
3/3/2010	< 50	< 50	< 50	< 50	< 50/< 50	< 50	58/ 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
9/14/2010	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50
3/9/2011	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
9/6/2011	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	91
3/27/2012	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	dry
7/24/2012	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	dry
2/13/2013	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	dry
6/11/2013	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS
5/14/2014	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS
12/29/2014	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS
6/2/2015	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS
11/23/2015	< 50	< 50	< 50	< 50	< 50	< 50	< 50/< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	NS

Notes: 1) Acetone (ug/l) Type 3 RRS (4,000 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - Benzene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	49	190											
8/25/1998	< 5	< 5	40	72											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	40	490	< 5	< 5									
8/15/2000	< 5	< 5	58	110	< 5	< 5									
1/9/2001	< 5	< 5	< 5	79	< 5	< 5									
6/13/2001	< 5	< 5	< 5	30	< 5	< 5									
12/5/2001	< 5	< 5	150	140	< 5	< 5									
4/15/2002	< 5	< 5	< 5	160	< 5	< 5									
10/22/2002	< 5	< 5	100	54	< 5	7.4	1,300	< 5				< 5	< 5	420	
2/13/2003	< 5	< 5	< 5	90	< 5	< 5	500	< 5				< 5	15	870	
8/18/2003	< 5	< 5	27	16	< 5	< 5	65	< 5				< 5	13	230	
5/11/2004	< 5	< 5	9.3	96	< 5	< 5	110	< 5				< 5	< 5	250	
9/30/2004	< 5	< 5	< 5	120	< 5	< 5	< 5	< 5				< 5	32	210	
2/23/2005	< 5	< 5	< 5	100	< 5	< 5	11	< 5				< 5	6.9	43	
9/27/2005	< 5	< 5	< 5	83	< 5	< 5	23	< 5				300/< 5	< 5	11	
3/7/2006	< 5	< 5	< 5	16	< 5	< 5	< 5	< 5				< 5	15	38	
10/19/2006	< 5	< 5	61	88	< 5	< 5	470	< 5				< 5	< 5	8.8	
10/3/2007	< 5	< 5	5.8	76	< 5	< 5	290	< 5				< 5	< 5	13	
1/30/2008	< 5	< 5	< 5	46	< 5	< 5	61	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	8.3	< 5	< 5	250	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	110	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	230	< 5	< 5	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	540/490	< 5	< 5	< 5	< 5	< 5	< 5	< 5	490
9/14/2010	< 5	< 5	< 5	5.4	< 5	< 5/< 5	1,500	< 5	< 5	< 5	< 5	< 5	< 5	< 5	4,200
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	1,700	< 5	< 5	< 5	< 5	< 5	< 5	6	2,400
9/6/2011	< 5	< 5	< 5	13	< 5	< 5/< 5	1,000	< 5	< 5	< 5	110	< 5	< 5	< 5/< 5	830
3/27/2012	< 5	< 5	< 5	13	< 5/< 5	< 5	110	< 5	< 5	< 5/< 5	< 5	< 5	< 5	10	dry
7/24/2012	< 5	< 5	< 5	7.9	< 5	< 5	1,400	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	< 5	< 5	< 5	420	< 5	< 5	< 5	< 5	< 5	< 5	8.7	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	130	< 5	< 5	< 5	< 5	< 5	16	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	230	< 5	< 5	< 5	< 5	< 5	< 5	9.2	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	500	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	370	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	420/410	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) Benzene (ug/l) Type 4 RRS RAGS Equation 1 (9 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - Chloroethane

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	260											
8/25/1998	< 5	< 5	< 5	< 5											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	220	< 5	< 5									
8/15/2000	< 5	< 5	< 5	72	< 5	< 5									
1/9/2001	< 5	< 5	< 5	18	< 5	< 5									
6/13/2001	< 5	< 5	< 5	8.9	< 5	< 5									
12/5/2001	< 5	< 5	< 5	29	< 5	< 5									
4/15/2002	< 5	< 5	< 5	70	< 5	< 5									
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
5/11/2004	< 10	< 10	< 10	39	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
9/30/2004	< 10	< 10	< 10	24	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
2/23/2005	< 10	< 10	< 10	12	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
9/27/2005	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
3/7/2006	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
10/19/2006	10	10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
10/3/2007	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10				< 10	< 10	< 10	
1/30/2008	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	
9/17/2008	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10	NS	NS	
1/29/2009	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	
6/23/2009	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10	
3/3/2010	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
9/14/2010	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10/< 10	35	< 10	< 10	< 10	< 10
3/9/2011	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
9/6/2011	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10
3/27/2012	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	dry
7/24/2012	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	dry
2/13/2013	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	dry
6/11/2013	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS
5/14/2014	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS
12/29/2014	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS
6/2/2015	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS
11/23/2015	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NS

Notes: 1) Chloroethane (ug/l) Type 4 RRS RAGS Equation 2 (29,000 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - Chloroform

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	< 5											
8/25/1998	< 5	< 5	< 5	< 5											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	< 5	< 5	< 5									
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5									
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5									
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5									
12/5/2001	< 5	< 5	< 5	< 5	< 5	< 5									
4/15/2002	< 5	< 5	< 5	< 5	< 5	< 5									
10/22/2002	< 5	< 5	< 5	< 5	< 5	< 5	19	< 5				< 5	< 5	9.3	
2/13/2003	< 5	< 5	< 5	< 5	< 5	< 5	13	< 5				< 5	< 5	8.7	
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	5	< 5				< 5	< 5	6.1	
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	41	< 5				< 5	< 5	< 5	
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	5.2	< 5				< 5	< 5	< 5	
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	30	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	8.5	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	10	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
9/14/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	6.8	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	9.7
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	9.4
9/6/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	7.7
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

1) Chloroform (ug/l) Type 3 RRS (100 ppb)
Notes: 2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - Ethylbenzene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	14	37											
8/25/1998	< 5	< 5	7	18											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	12	49	< 5	< 5									
8/15/2000	< 5	< 5	11	32	< 5	< 5									
1/9/2001	< 5	< 5	< 5	26	< 5	< 5									
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5									
12/5/2001	< 5	< 5	17	17	< 5	< 5									
4/15/2002	< 5	< 5	< 5	41	< 5	< 5									
10/22/2002	< 5	< 5	16	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
2/13/2003	< 5	< 5	< 5	18	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
8/18/2003	< 5	< 5	< 5	6	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
5/11/2004	< 5	< 5	< 5	7	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
9/30/2004	< 5	< 5	< 5	11	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
2/23/2005	< 5	< 5	< 5	16	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
9/27/2005	< 5	< 5	< 5	10	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
10/19/2006	< 5	< 5	< 5	28	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	26	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
1/30/2008	< 5	< 5	< 5	14	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	8.9	< 5	< 5	< 5	< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	36/45	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
9/14/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	38	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	150
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	59	< 5	< 5	< 5	< 5	< 5	< 5	< 5	140
9/6/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	69	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	7.6
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	60	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	< 5	< 5	< 5	8	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	31	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	25	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	11/8.4	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) Ethylbenzene (ug/l) Type 4 RRS RAGS Equation 2 (2,000 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - Tetrachloroethene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	< 5											
8/25/1998	< 5	< 5	< 5	< 5											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	< 5	9.4	< 5									
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5									
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5									
6/13/2001	< 5	< 5	< 5	< 5	6.9	< 5									
12/5/2001	< 5	8.6	< 5	< 5	17	< 5									
4/15/2002	< 5	5	< 5	< 5	13	< 5									
10/22/2002	< 5	< 5	9.5	6.3	15	< 5	< 5	< 5				< 5	< 5	34	
2/13/2003	< 5	< 5	< 5	< 5	5.5	< 5	< 5	< 5				< 5	< 5	38	
8/18/2003	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	26	
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	17	
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
9/27/2005	< 5	< 5	< 5	< 5	6.6	< 5	< 5	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	16	< 5	< 5	< 5				< 5	< 5	< 5	
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	19	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	7.3	< 5	12	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	33	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	7.6
9/14/2010	< 5	< 5	< 5	160	< 5	< 5/< 5	< 5	< 5	26	< 5/< 5	< 5	< 5	< 5	< 5	15
3/9/2011	< 5	7.8	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	30
9/6/2011	< 5	< 5	< 5	22	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5
3/27/2012	< 5	< 5	< 5	< 5	5.1/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	17	6.4	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
2/13/2013	< 5	< 5	< 5	10	9.4	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	5.6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	75	9.0	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	17	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) Tetrachloroethene (ug/l) Type 4 RRS RAGS Equation 1 (40 ppb)
2) Bolded concentrations exceed Type 3 RRS
3) NS - Not Sampled
4) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
HSI# 10245

TABLE 3
Historic Groundwater Analytical Results - Toluene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	52	110											
8/25/1998	< 5	< 5	49	45											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	50	230	< 5	< 5									
8/15/2000	< 5	< 5	64	34	< 5	< 5									
1/9/2001	< 5	< 5	< 5	9.2	< 5	< 5									
6/13/2001	< 5	< 5	< 5	< 5	< 5	< 5									
12/5/2001	< 5	< 5	32	14	< 5	< 5									
4/15/2002	< 5	< 5	< 5	22	< 5	< 5									
10/22/2002	< 5	< 5	9.3	< 5	< 5	< 5	130	< 5				< 5	< 5	150	
2/13/2003	< 5	< 5	< 5	10	< 5	< 5	18	< 5				< 5	23	170	
8/18/2003	< 5	< 5	7.6	< 5	< 5	< 5	< 5	< 5				< 5	11	100	
5/11/2004	< 5	< 5	< 5	7.5	< 5	< 5	< 5	< 5				< 5	< 5	94	
9/30/2004	< 5	< 5	< 5	15	< 5	< 5	< 5	< 5				< 5	7.8	94	
2/23/2005	< 5	< 5	< 5	8.2	< 5	< 5	< 5	< 5				< 5	< 5	20	
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				1,500	< 5	< 5	7
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	19	
10/19/2006	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	10	< 5	< 5	< 5	< 5				< 5	< 5	< 5	
1/30/2008	< 5	< 5	< 5	6.6	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	NS	NS	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	15	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	35	< 5	< 5	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	160/180	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
9/14/2010	< 5	< 5	< 5	< 5	< 5	< 5/< 5	66	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 250
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	99	< 5	< 5	< 5	< 5	< 5	< 5	< 5	48
9/6/2011	< 5	< 5	< 5	< 5	< 5	< 5/< 5	140	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	14
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	91	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	40	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	26	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	7.7/6.7	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

Notes: 1) Toluene (ug/l) Type 3 RRS (1,000 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - Trichloroethene

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 5	< 5	< 5	< 5											
8/25/1998	< 5	< 5	10	18											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	< 5	< 5	6.1	< 5									
8/15/2000	< 5	< 5	< 5	< 5	< 5	< 5									
1/9/2001	< 5	< 5	< 5	< 5	< 5	< 5									
6/13/2001	< 5	< 5	< 5	12	< 5	< 5									
12/5/2001	< 5	< 5	5.2	20	9.5	< 5									
4/15/2002	< 5	< 5	< 5	< 5	7.1	< 5									
10/22/2002	< 5	< 5	69	16	7.6	< 5	110	< 5				< 5	< 5	40	
2/13/2003	< 5	< 5	< 5	14	< 5	< 5	77	< 5				< 5	12	49	
8/18/2003	< 5	< 5	7.9	< 5	< 5	< 5	10	< 5				< 5	< 5	23	
5/11/2004	< 5	< 5	< 5	< 5	< 5	< 5	51	< 5				< 5	< 5	16	
9/30/2004	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	5.1	< 5	
2/23/2005	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5				< 5	12	< 5	
9/27/2005	< 5	< 5	< 5	< 5	< 5	< 5	5.9	< 5				< 5	< 5	< 5	
3/7/2006	< 5	< 5	< 5	< 5	< 5	< 5	6.9	< 5				< 5	< 5	< 5	
10/19/2006	< 5	< 5	< 5	37	9.2	< 5	18	< 5				< 5	< 5	< 5	
10/3/2007	< 5	< 5	< 5	< 5	< 5	< 5	9.6	< 5				< 5	< 5	< 5	
1/30/2008	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
9/17/2008	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	< 5	< 5		< 5	< 5	< 5	
1/29/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
6/23/2009	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	
3/3/2010	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5.6
9/14/2010	< 5	< 5	< 5	110	< 5	< 5/< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	14
3/9/2011	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	48
9/6/2011	< 5	< 5	< 5	66	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	5.1
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	32	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	30	5.2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	8.6	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	55	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	21	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	6.6	< 5	NS

Notes: 1) Trichloroethene (ug/l) Type 4 RRS RAGS Equation 1 (40 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - Vinyl Chloride

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 2	< 2	430	790											
8/25/1998	< 2	< 2	160	260											
11/18/1998	NA	NA	NA	NA											
11/10/1999	< 5	< 5	220	100	< 5	8.7									
8/15/2000	< 5	< 5	320	140	< 5	22									
1/9/2001	< 5	< 5	< 5	180	< 5	< 5									
6/13/2001	< 5	< 5	< 5	68	4.9	< 5									
12/5/2001	< 2	< 2	320	320	< 2	14									
4/15/2002	< 2	< 2	2.8	560	5	25									
10/22/2002	< 2	< 2	66	260	8.6	35	180	< 2				< 2	< 2	140	
2/13/2003	< 2	< 2	4.3	440	2.4	< 2	77	< 2				6.7	6.1	780	
8/18/2003	< 2	< 2	43	13	< 2	< 2	52	< 2				3.7	< 2	200	
5/11/2004	< 2	< 2	22	50	< 2	25	130	< 2				< 2	2.7	140	
9/30/2004	< 2	< 2	< 2	18	< 2	5.9	3.7	< 2				< 2	76	140	
2/23/2005	< 2	< 2	< 2	69	< 2	17	14	< 2				< 2	6.1	39	
9/27/2005	< 2	< 2	13	92	< 2	< 2	51	< 2				< 2	< 2	13	
3/7/2006	< 2	< 2	< 2	7	< 2	8.3	34	< 2				< 2	3.7	46	
10/19/2006	< 2	< 2	220	200	< 2	33	1,400	< 2				< 2	< 2	24	
10/3/2007	< 2	< 2	30	490	< 2	< 2	490	< 2				< 2	< 2	30	
1/30/2008	< 2	< 2	< 2	290	< 2	16	150	< 2	< 2	9.8		< 2	< 2	< 2	
9/17/2008	< 2	< 2	< 2	< 2	< 2	< 2	340	< 2	< 2	8.8		< 2	NS	NS	
1/29/2009	< 2	< 2	< 2	< 2	< 2	< 2	20	< 2	< 2	5.2		< 2	< 2	< 2	
6/23/2009	< 2	< 2	< 2	< 2	< 2	< 2	120	< 2	< 2	11.2		< 2	< 2	9.3	
3/3/2010	< 2	< 2	< 2	4.3	< 2/< 2	< 2	250/230	< 2	< 2	11	< 2	< 2	< 2	2.8	43
9/14/2010	< 2	< 2	< 2	55	< 2	2.8/2.9	830	< 2	< 2	17/17	< 2	< 2	< 2	8.1	320
3/9/2011	< 2	< 2	< 2	50/62	< 2	< 2	550	< 2	< 2	9.2	< 2	< 2	< 2	24	780
9/6/2011	< 2	< 2	25	230	< 2	< 2/< 2	460	< 2	< 2	18	51	< 2	< 2	15/14	370
3/27/2012	< 2	< 2	< 2	330	< 2/< 2	< 2	6.1	< 2	< 2	4.6/4.3	< 2	< 2	< 2	34	dry
7/24/2012	< 2	< 2	15	160	< 2	6.2/5.5	430	< 2	< 2	8.9	< 2	< 2	< 2	22/22	dry
2/13/2013	< 2	< 2	< 2	33	< 5	< 5	130	< 5	< 5	< 5	4.8	< 5	37	16	dry
6/11/2013	< 2	< 2	< 2	< 2	< 2	< 2	12	< 2	< 2	< 2	4.4	< 2	< 2	< 2	NS
5/14/2014	< 2	< 2	< 2	< 2	< 2	< 2	6.2	< 2	< 2	3.6	< 2	< 2	< 2	30	NS
12/29/2014	< 2	< 2	3.2	16	< 2	< 2	14	< 2	< 2	10	< 2	< 2	< 2	12	NS
6/2/2015	< 2	< 2	3.5	9.4	< 2	< 2	18	< 2	< 2	7.4	< 2	< 2	< 2	11	NS
11/23/2015	< 2	< 2	< 2	< 2	< 2	< 2	16/15	< 2	< 2	< 2	2.2	< 2	8.2	< 2	NS

Notes: 1) Vinyl Chloride (ug/l) Type 3 RRS (2.0 ppb)
2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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TABLE 3
Historic Groundwater Analytical Results - Xylenes (Total)

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 15	< 15	38	31	< 15	< 15									
8/25/1998	< 15	< 15	19	29	< 15	< 15									
11/18/1998	NA	NA	NA	NA	NA	NA									
11/10/1999	< 15	< 15	28	120	< 15	< 15									
8/15/2000	< 15	< 15	27	48	< 15	< 15									
1/9/2001	< 15	< 15	< 15	8.7	< 15	< 15									
6/13/2001	< 15	< 15	< 15	9.2	< 15	< 15									
12/5/2001	< 15	< 15	< 15	13.1	< 15	< 15									
4/15/2002	< 15	< 15	14.8	27	< 15	< 15									
10/22/2002	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15				< 15	< 15	100	
2/13/2003	< 15	< 15	27	< 15	< 15	< 15	< 15	< 15				< 15	16.4	103	
8/18/2003	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15				< 15	5.2	63	
5/11/2004	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15				< 15	< 15	47	
9/30/2004	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15				< 15	6.6	< 15	
2/23/2005	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15				< 15	< 15	< 15	
9/27/2005	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15				< 15	< 15	< 15	
3/7/2006	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15				< 15	< 15	5.1	
10/19/2006	< 15	< 15	79	19.4	< 15	< 15	< 15	< 15				< 15	< 15	< 15	
10/3/2007	< 15	< 15	< 15	19.5	< 15	< 15	< 15	< 15				< 15	< 15	5.4	
1/30/2008	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15		< 15	< 15	< 15	
9/17/2008	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15		< 15	NS	NS	
1/29/2009	< 15	< 15	< 15	< 15	< 15	< 15	7	< 15	< 15	< 15		< 15	< 15	< 15	
6/23/2009	< 15	< 15	< 15	< 15	< 15	< 15	28	< 15	< 15	< 15		< 15	< 15	< 15	
3/3/2010	< 15	< 15	< 15	< 15	< 15/< 15	< 15	117/144	< 15	< 15	< 15	< 15	< 15	< 15	< 15	6.1
9/14/2010	< 15	< 15	< 15	< 15	< 15	< 15/< 15	52	< 15	< 15	< 15/< 15	< 15	< 15	< 15	< 15	320
3/9/2011	< 10	< 10	< 10	< 10/< 10	< 10	< 10	73	< 10	< 10	< 10	< 10	< 10	< 10	< 10	400
9/6/2011	< 10	< 10	< 10	< 10	< 10	< 10/< 10	87	< 10	< 10	< 10	< 10	< 10	< 10	< 10/< 10	50
3/27/2012	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	dry
7/24/2012	< 5	< 5	< 5	< 5	< 5	< 5/< 5	83	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	dry
2/13/2013	< 5	< 5	< 5	< 5	< 5	< 5	16	< 5	< 5	< 5	< 5	< 5	< 5	< 5	dry
6/11/2013	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
5/14/2014	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	29	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
12/29/2014	< 5	< 5	< 5	< 5	< 5	< 5	29	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
6/2/2015	< 5	< 5	< 5	< 5	< 5	< 5	24	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS
11/23/2015	< 5	< 5	< 5	< 5	< 5	< 5	< 5/< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	NS

1) Xylenes (Total) (ug/l) Type 4 RRS RAGS Equation 2 (204,000 ppb)
Notes: 2) NS - Not Sampled
3) Detections in blue

Former Oil Processing Corporation Property
Industrial Street, Wrens, Jefferson County, Georgia
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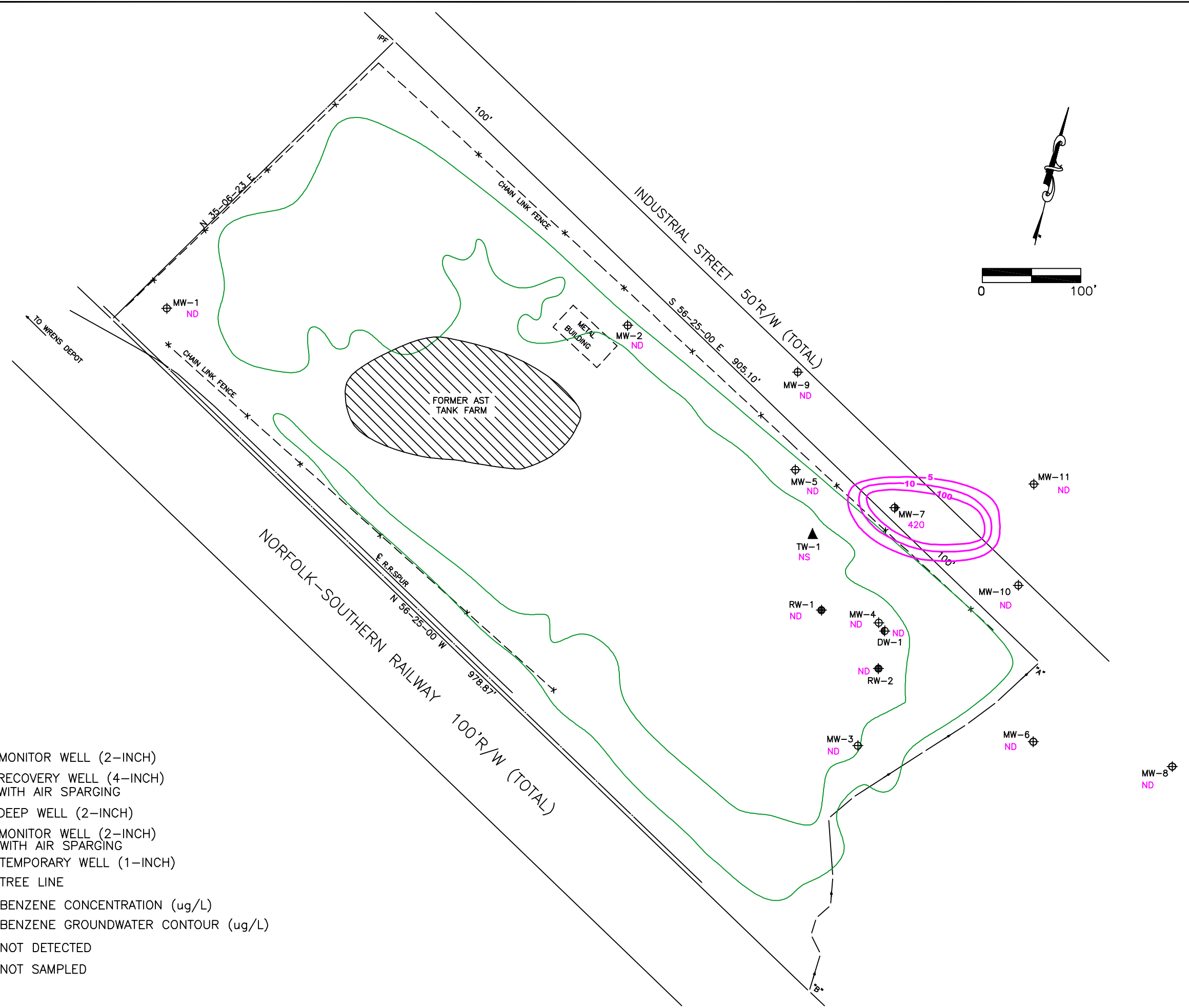
TABLE 3
Historic Groundwater Analytical Results - Total VOCs

MONITORING WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	DW-1	RW-1	RW-2	TW-1
DATE	LABORATORY RESULTS (µg/L)														
12/12/1996	< 10	< 10	674	1,609	NA	NA									
8/25/1998	< 10	< 10	292	1,312	NA	NA									
11/18/1998	NA	NA	NA	NA	NA	NA									
11/10/1999	< 10	< 10	409.8	1,528	20.8	19.4									
8/15/2000	< 10	< 10	627	558	< 10	28.6									
1/9/2001	< 10	< 10	54.4	1,179.9	< 10	< 10									
6/13/2001	< 10	< 10	< 10	543.1	52.7	< 10									
12/5/2001	< 10	8.6	1,192	2,105.1	118.5	14									
4/15/2002	< 10	5	8.3	2,276	118.1	30.4									
10/22/2002	< 10	5	926.8	1,588.6	124.2	50.2	2,923	< 10				< 10	861	9,500.3	
2/13/2003	< 10	< 10	19.5	1,695	25.5	< 10	1,411.2	< 10				101.3	159.1	26,113.7	
8/18/2003	< 10	< 10	214.5	84	< 10	< 10	290	< 10				3.7	103.2	12,161.1	
5/11/2004	< 10	< 10	64.6	336.2	< 10	70.7	1,445	< 10				< 10	2.7	8,834	
9/30/2004	< 10	< 10	< 10	329	< 10	11.8	370	< 10				6.1	228.3	7,254	
2/23/2005	< 10	< 10	< 10	307.5	< 10	35.1	32.9	< 10				< 10	61.2	301	
9/27/2005	< 10	< 10	37.1	293	6.6	< 10	229.9	< 10				< 10	< 10	467	
3/7/2006	< 10	< 10	< 10	28.8	16	27	226.1	< 10				< 10	68.6	1,617.4	
10/19/2006	< 10	< 10	548.9	767.9	36.1	79	3,107	< 10				< 10	6.6	1,009.8	
10/3/2007	< 10	< 10	116.8	892.5	< 10	< 10	1,088.6	< 10				< 10	13	306.4	
1/30/2008	< 10	< 10	< 10	472.6	< 10	45.3	490.5	< 10	19	20.8		< 10	20	170	
9/17/2008	< 10	< 10	< 10	24.3	7.3	< 10	1,106	< 10	< 10	16.5		< 10	NS	NS	
1/29/2009	< 10	< 10	< 10	< 10	< 10	< 10	272	< 10	< 10	51.1		< 10	< 10	< 10	
6/23/2009	< 10	< 10	7.3	< 10	< 10	< 10	552.9	< 10	33	108		< 10	< 10	103.3	
3/3/2010	< 10	< 10	< 10	4.3	< 10	< 10	1,439.4	< 10	< 10	94		< 10	< 10	29.9	
9/14/2010	< 10	< 10	< 10	418.4	< 10	2.8/2.9	2,992.8	< 10	26	80/82	42.4	< 10	< 10	78.6	7,741.6
3/9/2011	< 5	7.8	< 5	64/80	< 5	< 5	2,972.2	< 5	< 5	32.2	18	< 5	< 5	161	6,364.8
9/6/2011	< 5	< 5	100	495	< 5	< 5	2,102.8	< 5	< 5	75.5	236.2	< 5	< 5	69.3	2,132.4
3/27/2012	< 5	< 5	16.5	413	5.1/< 5	< 5	213.1	< 5	< 5	26.7/24.8	35	< 5	< 5	271.8	dry
7/24/2012	< 5	< 5	98	270.9	12.3	12.6/11.7	2,643.9	< 5	< 5	46.6	60	< 5	< 5	175/174	dry
2/13/2013	< 5	< 5	< 5	129.3	14.6	< 5	855.8	< 5	< 5	< 5	4.8	< 5	56.2	216.7	dry
6/11/2013	< 5	< 5	< 5	< 5	5.6	< 5	236.9	< 5	< 5	< 5	4.4	< 5	107	< 5	NS
5/14/2014	< 5	< 5	19.3	< 5	< 5	< 5	311.2	< 5	< 5	50.4	< 5	< 5	< 5	203.2	NS
12/29/2014	< 5	< 5	23	180.4	9	< 5	790.3	< 5	< 5	68	< 5	< 5	< 5	123	NS
6/2/2015	< 5	< 5	43.9	56.3	< 5	< 5	598.6	< 5	< 5	50.4	7.0	< 5	< 5	124	NS
11/23/2015	BRL	BRL	BRL	BRL	BRL	BRL	668.4/652.9	BRL	BRL	BRL	2.2	BRL	27.9	25	NS

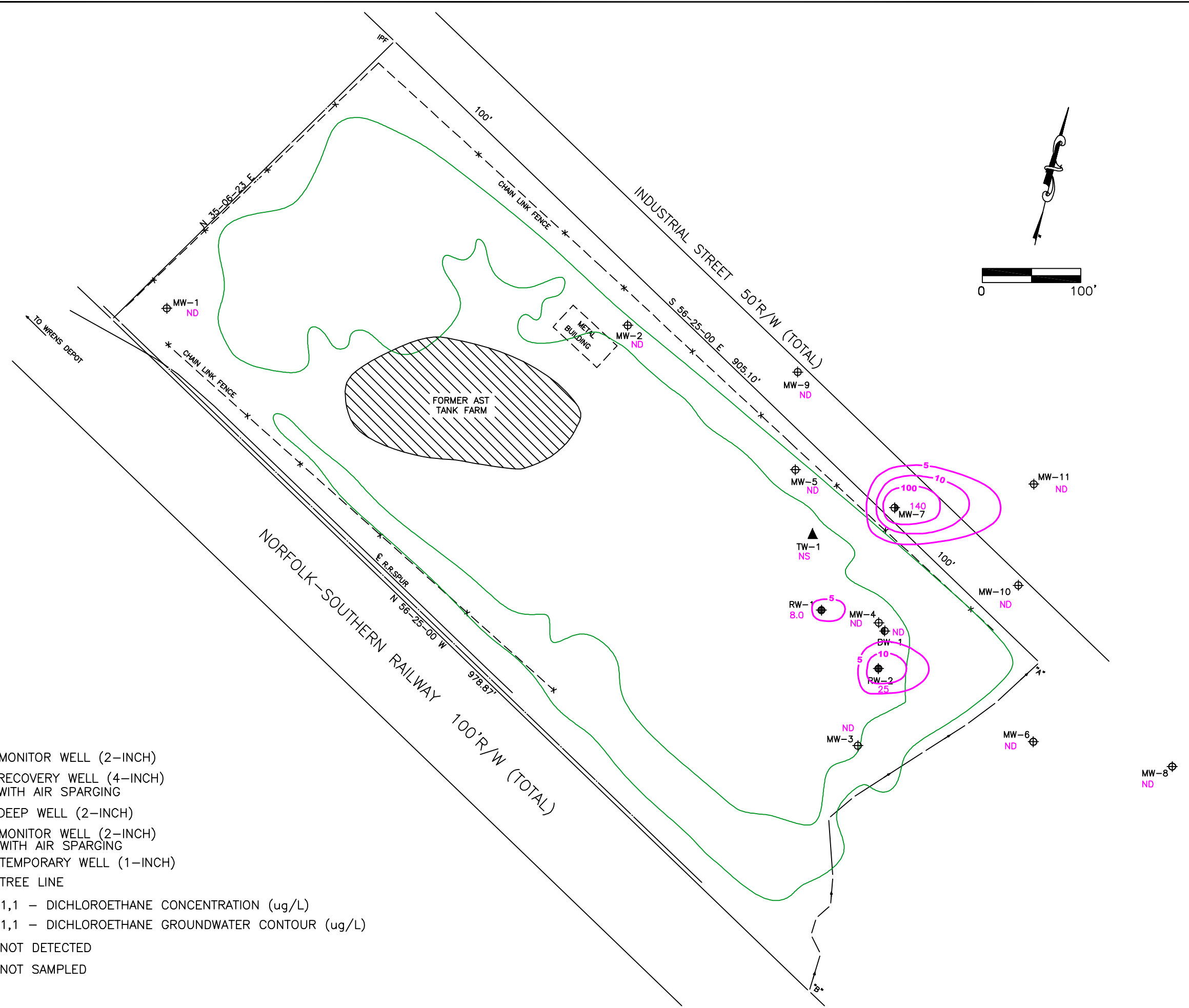
Notes: 1) NS - Not Sampled
2) Detections in blue
3) BRL - Below reporting limit



FIGURES



- LEGEND
- ⊕ MW-1 MONITOR WELL (2-INCH)
 - ⊕ RW-1 RECOVERY WELL (4-INCH) WITH AIR SPARGING
 - ⊕ DW-1 DEEP WELL (2-INCH)
 - ⊕ MW-7 MONITOR WELL (2-INCH) WITH AIR SPARGING
 - ▲ TW-1 TEMPORARY WELL (1-INCH)
 - TREE LINE
 - 420 BENZENE CONCENTRATION (ug/L)
 - BENZENE GROUNDWATER CONTOUR (ug/L)
 - ND NOT DETECTED
 - NS NOT SAMPLED



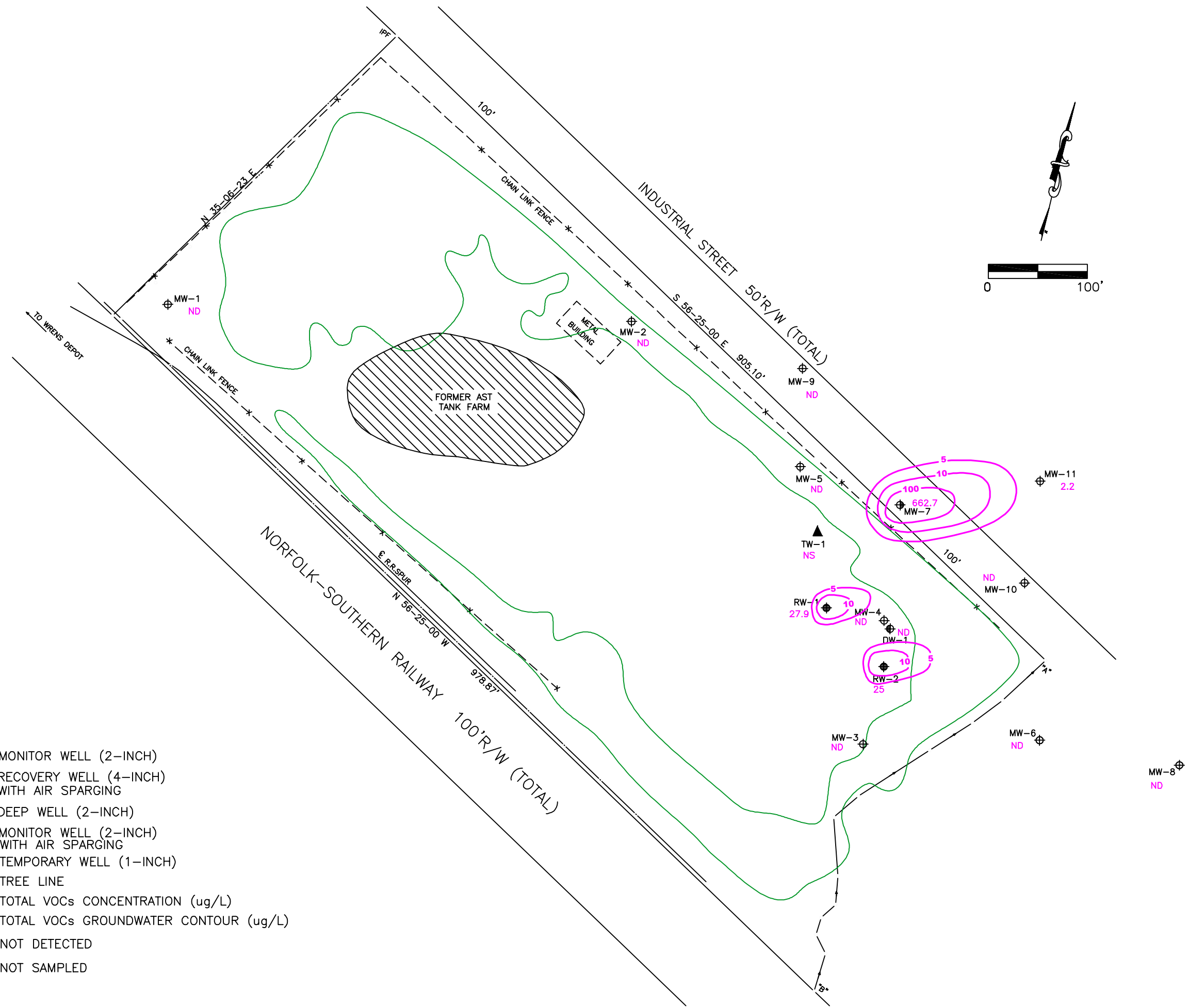
- LEGEND
- ⊕ MW-1 MONITOR WELL (2-INCH)
 - ⊕ RW-1 RECOVERY WELL (4-INCH) WITH AIR SPARGING
 - ⊕ DW-1 DEEP WELL (2-INCH)
 - ⊕ MW-7 MONITOR WELL (2-INCH) WITH AIR SPARGING
 - ▲ TW-1 TEMPORARY WELL (1-INCH)
 - TREE LINE
 - 140 1,1 - DICHLOROETHANE CONCENTRATION (ug/L)
 - 1,1 - DICHLOROETHANE GROUNDWATER CONTOUR (ug/L)
 - ND NOT DETECTED
 - NS NOT SAMPLED

FIGURE NO.
5
THOG Wrens
3342

FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA
1,1 - DICHLOROETHANE ISOPLETH MAP
NOVEMBER 2015


Georgia Department of Environmental Protection

REV	DATE	DESCRIPTION	WLC	CHK BY	APP BY
1	12/15/2015	DATE OF ISSUE	MRH	CSH	EDW
2		DATE OF ISSUE			
3		DATE OF ISSUE			
4		DATE OF ISSUE			
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99		DATE OF ISSUE			
100		DATE OF ISSUE			



- LEGEND
- ⊕ MW-1 MONITOR WELL (2-INCH)
 - ⊕ RW-1 RECOVERY WELL (4-INCH) WITH AIR SPARGING
 - ⊕ DW-1 DEEP WELL (2-INCH)
 - ⊕ MW-7 MONITOR WELL (2-INCH) WITH AIR SPARGING
 - ▲ TW-1 TEMPORARY WELL (1-INCH)
 - TREE LINE
 - 2.2 TOTAL VOCs CONCENTRATION (ug/L)
 - TOTAL VOCs GROUNDWATER CONTOUR (ug/L)
 - ND NOT DETECTED
 - NS NOT SAMPLED

FIGURE NO.
8
THOG Wrens
3342

FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA
TOTAL VOCs ISOPLETH MAP
NOVEMBER 2015


Georgia Department of Environmental Protection

REV	DATE	DESCRIPTION	WLC	CHK BY	APP BY
1	11/15/2015	DATE OF ISSUE	MRH	CSH	EDW
2		DATE OF ISSUE			
3		DATE OF ISSUE			
4		DATE OF ISSUE			
5		DATE OF ISSUE			
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11		DATE OF ISSUE			
12		DATE OF ISSUE			
13		DATE OF ISSUE			
14		DATE OF ISSUE			
15		DATE OF ISSUE			
16		DATE OF ISSUE			
17		DATE OF ISSUE			
18		DATE OF ISSUE			
19		DATE OF ISSUE			
20		DATE OF ISSUE			



APPENDIX A

MONITORING WELL PURGING & SAMPLING INFORMATION

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens				Project No.: 3342			Date: 11/23/2015		
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-1				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 49.54				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 43.10									
Length of Static Water Column (feet): 6.44									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)		0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons): 1.030				Three Well Volumes (gallons): 3.000					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with submersible pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 45									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
11:08	0.3	-	4.67	0.018	125	17.87	9.23	280	
11:13	0.8	-	4.56	0.018	124	17.98	9.15	305	
11:18	1.2	-	4.44	0.018	54.8	18.17	7.67	337	
11:23	1.4	-	4.36	0.017	42.9	17.92	4.73	355	
11:29	1.9	-	4.28	0.017	23.8	18.28	4.97	360	
11:35	2.2	-	4.18	0.017	12.7	18.94	5.32	367	
11:41	2.7	-	4.11	0.017	6.65	18.83	5.38	380	
11:46	3.0	-	4.09	0.017	4.92	18.73	5.56	385	
Purged Volume (gallons): 3.0			Purge Time (minutes): 38			Pumping Rate (gallons per minute): 0.07			
WELL SAMPLING INFORMATION									
Method of Sampling: Submersible pump, direct from pump head tubing									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container		Preservative		Analyses			
MW-1	11:47	40 mL (2)		hydrochloric acid		volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens				Project No.: 3342			Date: 11/23/2015		
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-2				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 42.6				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 28.08									
Length of Static Water Column (feet): 14.52									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)		0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons): 2.3				Three Well Volumes (gallons): 6.9					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 38									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
12:25	0.3	28.62	4.75	0.015	93.6	18.11	0.38	349	
12:32	0.5	28.78	4.59	0.023	85.7	18.49	0.82	355	
12:39	0.8	28.90	4.60	0.023	47.1	18.51	0.90	350	
12:46	1.1	28.97	4.57	0.023	32.3	18.63	1.81	332	
12:53	1.4	29.04	4.55	0.023	25.5	18.66	1.23	281	
13:00	1.7	29.05	4.56	0.024	11.5	18.60	0.46	194	
13:05	1.9	29.05	4.61	0.024	9.05	18.57	0.11	123	
Purged Volume (gallons): 1.9		Purge Time (minutes): 40			Pumping Rate (gallons per minute): 0.04				
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container		Preservative		Analyses			
MW-2	13:06	40 mL (2)		hydrochloric acid		volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-3				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 26.92				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 16.66									
Length of Static Water Column (feet): 10.26									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)	0.75	1	1.25	2	3	4	5	6	
Well Capacity (gallons per foot)	0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47	
One Well Volume (gallons): 1.6				Three Well Volumes (gallons): 4.8					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 24									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
13:34	0.3	17.07	4.36	0.052	4.06	18.40	2.04	312	
13:39	0.5	17.19	3.41	0.053	3.41	18.41	1.05	327	
13:44	0.8	17.27	4.23	0.053	1.81	18.44	0.00	348	
13:49	1.2	17.3	4.16	0.052	2.61	18.45	0.00	357	
13:54	1.5	17.34	4.06	0.050	1.87	18.45	0.00	367	
13:59	2.0	17.36	3.93	0.050	1.78	18.44	0.00	379	
14:04	2.3	17.37	3.88	0.049	0.64	18.47	0.00	383	
14:09	2.6	17.37	3.84	0.049	0.23	18.47	0.00	387	
Purged Volume (gallons): 2.6			Purge Time (minutes): 35			Pumping Rate (gallons per minute): 0.07			
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container	Preservative			Analyses			
MW-3	14:10	40 mL (2)	hydrochloric acid			volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-4			Location: Wrens, Jefferson County, Georgia						
Well Diameter (inches): 2			Well Construction: Schedule 40 PVC						
Total Well Depth from TOC (feet): 31.54			Screened Interval from TOC (feet):						
Depth to Water from TOC (feet): 20.46									
Length of Static Water Column (feet): 11.08									
WELL OBSERVATIONS									
General Condition of Well: Good			General Condition of Surrounding Area: Good						
LNAPL Observation/Thickness: None			Method of Measure: Electronic water level indicator						
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)	0.75	1	1.25	2	3	4	5	6	
Well Capacity (gallons per foot)	0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47	
One Well Volume (gallons): 1.8			Three Well Volumes (gallons): 5.4						
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 28									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
14:34	0.2	20.56	4.02	0.045	33.0	18.94	1.24	362	
14:39	0.5	20.57	3.85	0.044	40.2	19.04	1.41	375	
14:44	0.9	20.56	3.85	0.039	51.0	19.23	0.84	347	
14:49	1.3	20.56	4.24	0.034	11.5	19.30	0.00	186	
14:54	1.6	20.56	4.48	0.032	3.85	19.33	0.00	53	
14:59	1.9	20.56	4.51	0.033	4.79	19.34	0.00	45	
15:04	2.2	20.56	4.64	0.035	1.19	19.43	0.00	13	
15:09	2.5	20.56	4.68	0.036	0.00	19.45	0.00	0	
15:14	2.8	20.56	4.72	0.037	0.00	19.47	0.00	-10	
Purged Volume (gallons): 2.8			Purge Time (minutes): 40		Pumping Rate (gallons per minute): 0.07				
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container	Preservative			Analyses			
MW-4	15:15	40 mL (2)	hydrochloric acid			volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens				Project No.: 3342			Date: 11/23/2015		
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-5				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 31.54				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 29.51									
Length of Static Water Column (feet): 2.03									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)	0.75	1	1.25	2	3	4	5	6	
Well Capacity (gallons per foot)	0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47	
One Well Volume (gallons): 0.3				Three Well Volumes (gallons): 0.9					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 30									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
15:39	0.2	29.83	4.30	0.069	7.15	18.98	0.75	53	
15:44	0.4	29.81	4.23	0.086	1.60	18.86	0.00	179	
15:49	0.5	29.79	4.33	0.114	0.00	18.87	0.00	203	
15:54	0.7	29.79	4.31	0.169	0.00	18.95	0.00	215	
15:59	0.8	29.79	4.27	0.236	0.00	18.96	0.00	228	
16:04	1.0	29.78	4.26	0.267	0.00	18.94	0.00	236	
16:09	1.2	29.78	4.26	0.278	0.00	18.87	0.00	243	
16:14	1.3	29.78	4.27	0.285	0.00	18.83	0.00	248	
16:19	1.5	29.77	4.27	0.291	0.00	18.88	0.00	253	
Purged Volume (gallons): 1.5		Purge Time (minutes): 40		Pumping Rate (gallons per minute): 0.03					
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container	Preservative			Analyses			
MW-5	16:20	40 mL (2)	hydrochloric acid			volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-6			Location: Wrens, Jefferson County, Georgia						
Well Diameter (inches): 2			Well Construction: Schedule 40 PVC						
Total Well Depth from TOC (feet): 23.1			Screened Interval from TOC (feet):						
Depth to Water from TOC (feet): 10.02									
Length of Static Water Column (feet): 13.08									
WELL OBSERVATIONS									
General Condition of Well: Good			General Condition of Surrounding Area: Good						
LNAPL Observation/Thickness: None			Method of Measure: Electronic water level indicator						
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)	0.75	1	1.25	2	3	4	5	6	
Well Capacity (gallons per foot)	0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47	
One Well Volume (gallons): 2.1			Three Well Volumes (gallons): 6.3						
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 16									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
16:30	0	10.02	5.25	0.031	70.1	17.41	9.22	343	
16:35	0.25	10.12	5.19	0.031	61.2	17.47	6.58	350	
16:40	0.5	10.18	5.12	0.030	65.3	17.56	5.37	363	
16:45	0.75	10.21	5.04	0.030	43.1	17.50	3.56	377	
16:50	1	10.23	5.00	0.032	31.6	17.44	1.50	385	
16:55	1.25	10.23	4.93	0.032	25.6	17.42	1.05	387	
17:00	1.5	10.23	4.94	0.032	16.3	17.39	0.98	384	
17:05	2	10.23	4.91	0.032	11.2	17.33	0.89	380	
17:10	2.25	10.23	-	0.033	9.72	17.28	0.79	378	
Purged Volume (gallons): 2.25			Purge Time (minutes): 40		Pumping Rate (gallons per minute): 0.06				
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container	Preservative			Analyses			
MW-6	17:15	40 mL (2)	hydrochloric acid			volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-7				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 27.55				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 15.65									
Length of Static Water Column (feet): 11.90									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)		0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons): 1.9				Three Well Volumes (gallons): 5.7					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 25									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
16:45	0.3	16.42	5.56	0.204	4.39	19.44	0.90	81	
16:50	0.6	16.43	5.62	0.158	7.3	19.49	0.04	13	
16:55	0.9	16.43	5.68	0.116	16.0	19.52	0.00	-87	
17:00	1.2	16.34	5.74	0.118	25.5	19.35	0.00	-103	
17:05	1.4	16.21	5.75	0.119	24.4	19.08	0.00	-111	
17:10	1.5	16.14	5.75	0.119	17.9	18.95	0.00	-112	
17:15	1.7	16.14	5.75	0.119	13.2	18.68	0.00	-116	
17:20	1.8	16.14	5.75	0.119	10.0	18.53	0.00	-117	
Purged Volume (gallons): 1.8			Purge Time (minutes): 35			Pumping Rate (gallons per minute): 0.04			
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container		Preservative		Analyses			
MW-7 and duplicate	17:21	40 mL (2)		hydrochloric acid		volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-8				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 23				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 8.78									
Length of Static Water Column (feet): 14.22									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)		0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons): 2.3				Three Well Volumes (gallons): 6.9					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 16									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
10:55	0.0	8.78	4.02	0.066	69.6	-	3.65	258	
11:00	0.3	8.88	4.44	0.065	41.8	17.42	3.12	272	
11:05	0.6	8.96	4.92	0.062	33.0	17.42	2.53	292	
11:10	0.9	8.96	5.19	0.062	19.7	17.26	5.68	293	
11:15	1.2	8.96	5.21	0.062	18.3	17.24	7.47	292	
11:20	1.5	8.96	5.22	0.062	4.70	17.17	7.69	290	
11:25	1.8	8.97	5.20	0.062	3.98	17.09	7.61	288	
11:30	2.1	8.97	5.19	0.062	3.74	17.02	7.58	287	
Purged Volume (gallons): 2.1			Purge Time (minutes): 35			Pumping Rate (gallons per minute): 0.06			
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container		Preservative		Analyses			
MW-8	11:35	40 mL (2)		hydrochloric acid		volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-9				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 44.35				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 25.03									
Length of Static Water Column (feet): 19.32									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)		0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons): 3.1				Three Well Volumes (gallons): 9.3					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 34									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
11:50	0.0	25.03	4.56	0.050	3.39	17.47	2.04	288	
11:55	0.3	25.15	4.60	0.051	2.10	17.45	1.89	276	
12:00	0.6	25.21	4.72	0.053	1.00	17.51	1.30	263	
12:05	0.9	25.25	4.75	0.055	1.01	17.58	1.10	258	
12:10	1.2	25.29	4.72	0.055	1.00	17.61	1.08	256	
Purged Volume (gallons): 1.2			Purge Time (minutes): 20			Pumping Rate (gallons per minute): 0.06			
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container		Preservative		Analyses			
MW-9	12:15	40 mL (2)		hydrochloric acid		volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: MW-10			Location: Wrens, Jefferson County, Georgia						
Well Diameter (inches): 2			Well Construction: Schedule 40 PVC						
Total Well Depth from TOC (feet): 24.45			Screened Interval from TOC (feet):						
Depth to Water from TOC (feet): 11.44									
Length of Static Water Column (feet): 13.01									
WELL OBSERVATIONS									
General Condition of Well: Good			General Condition of Surrounding Area: Good						
LNAPL Observation/Thickness: None			Method of Measure: Electronic water level indicator						
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)	0.75	1	1.25	2	3	4	5	6	
Well Capacity (gallons per foot)	0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47	
One Well Volume (gallons): 2.1			Three Well Volumes (gallons): 6.3						
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 17.5									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
12:45	0	11.44	5.15	0.083	85.1	18.16	3.33	226	
12:50	0.25	11.58	5.19	0.088	66.8	18.76	3.50	181	
12:55	0.5	11.61	5.23	0.095	48.4	18.86	6.41	143	
13:00	0.75	11.58	5.28	0.101	42.4	18.84	6.55	106	
13:05	1	11.59	5.31	0.102	37.7	18.86	6.00	90	
13:10	1.25	11.59	5.32	0.103	34.4	18.86	5.52	84	
13:15	1.5	11.59	5.31	0.103	32.4	18.87	5.37	79	
13:20	1.75	11.59	5.32	0.104	30.9	18.89	5.30	77	
13:25	2	11.59	5.32	0.104	29.8	18.91	5.27	75	
Purged Volume (gallons): 2.0			Purge Time (minutes): 40		Pumping Rate (gallons per minute): 0.05				
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container	Preservative			Analyses			
MW-10	13:30	40 mL (2)	hydrochloric acid			volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information								
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015		
Peachtree Personnel: Brad White, Roy Mote								
WELL INFORMATION								
Well Identification No: MW-11				Location: Wrens, Jefferson County, Georgia				
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC				
Total Well Depth from TOC (feet): Approx. 16-17				Screened Interval from TOC (feet):				
Depth to Water from TOC (feet): Not measured due to known presence of LNAPL								
Length of Static Water Column (feet):								
WELL OBSERVATIONS								
General Condition of Well: Good				General Condition of Surrounding Area: Good				
LNAPL Observation/Thickness: Approximately 1 foot				Method of Measure: LNAPL visible in bailer				
Well Volume = Length of Static Water Column x Well Capacity								
Well Diameter (inches)	0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)	0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons):				Three Well Volumes (gallons):				
WELL PURGING INFORMATION								
Purging Method: None								
Depth of Pump Intake from TOC (feet):								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
Purged Volume (gallons):				Purge Time (minutes):		Pumping Rate (gallons per minute):		
WELL SAMPLING INFORMATION								
Method of Sampling: Polyethylene bailer. Sample collected from first bailer draw from monitoring well.								
Decontamination Procedures: New sample bottles								
Sample ID	Time	Container	Preservative			Analyses		
MW-11	17:29	40 mL (2)	hydrochloric acid			volatile organic compounds		
Sample Transport Container and Preservation: Cooler and ice								
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia								
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel								
Chain of Custody Completed: Yes								

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: RW-1				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 4				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 50.35				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 20.15									
Length of Static Water Column (feet): 30.20									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)		0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons): 19.6				Three Well Volumes (gallons): 58.8					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 35									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
14:00	0.0	20.15	4.75	0.091	27.7	19.66	4.14	263	
14:05	0.4	20.17	4.80	0.092	7.47	19.94	2.30	282	
14:10	0.8	20.18	4.87	0.093	7.19	20.12	1.83	290	
14:15	1.2	20.20	4.90	0.094	4.84	20.15	1.58	298	
14:20	1.6	20.20	4.94	0.094	3.76	20.04	1.49	301	
Purged Volume (gallons): 1.6			Purge Time (minutes): 20			Pumping Rate (gallons per minute): 0.08			
WELL SAMPLING INFORMATION									
Method of Sampling: Peristaltic pump, "soda straw" method									
Decontamination Procedures: New sample bottles and tubing.									
Sample ID	Time	Container			Preservative		Analyses		
RW-1	14:25	40 mL (2)			hydrochloric acid		volatile organic compounds		
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									

Monitoring Well Purging & Sampling Information								
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015		
Peachtree Personnel: Brad White, Roy Mote								
WELL INFORMATION								
Well Identification No: RW-2				Location: Wrens, Jefferson County, Georgia				
Well Diameter (inches): 4				Well Construction: Schedule 40 PVC				
Total Well Depth from TOC (feet): 46.33				Screened Interval from TOC (feet):				
Depth to Water from TOC (feet): 15.55								
Length of Static Water Column (feet): 30.78								
WELL OBSERVATIONS								
General Condition of Well: Good				General Condition of Surrounding Area: Good				
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator				
Well Volume = Length of Static Water Column x Well Capacity								
Well Diameter (inches)	0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)	0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons): 20.0			Three Well Volumes (gallons): 60.0					
WELL PURGING INFORMATION								
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing								
Depth of Pump Intake from TOC (feet): 31								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
15:40	0.0	15.55	5.59	0.083	7.80	18.32	10.91	323
15:45	0.4	15.64	5.26	0.092	0.35	18.32	5.66	356
15:50	0.7	15.71	4.58	0.129	0.00	18.34	2.05	403
15:55	1.1	15.80	4.41	0.166	0.00	18.27	1.27	417
16:00	1.4	15.84	4.38	0.168	0.00	18.19	1.12	415
16:05	1.7	15.87	4.32	0.170	0.00	18.14	1.06	414
16:10	2.0	15.88	4.31	0.172	0.00	18.10	1.02	413
Purged Volume (gallons): 2.0			Purge Time (minutes): 30		Pumping Rate (gallons per minute): 0.07			
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: New sample bottles and tubing.								
Sample ID	Time	Container	Preservative			Analyses		
RW-2	16:15	40 mL (2)	hydrochloric acid			volatile organic compounds		
Sample Transport Container and Preservation: Cooler and ice								
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia								
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel								
Chain of Custody Completed: Yes								

Monitoring Well Purging & Sampling Information									
Peachtree Project: THCG Wrens			Project No.: 3342			Date: 11/23/2015			
Peachtree Personnel: Brad White, Roy Mote									
WELL INFORMATION									
Well Identification No: DW-1				Location: Wrens, Jefferson County, Georgia					
Well Diameter (inches): 2				Well Construction: Schedule 40 PVC					
Total Well Depth from TOC (feet): 63.32				Screened Interval from TOC (feet):					
Depth to Water from TOC (feet): 20.39									
Length of Static Water Column (feet): 42.93									
WELL OBSERVATIONS									
General Condition of Well: Good				General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: None				Method of Measure: Electronic water level indicator					
Well Volume = Length of Static Water Column x Well Capacity									
Well Diameter (inches)		0.75	1	1.25	2	3	4	5	6
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02	1.47
One Well Volume (gallons): 6.9				Three Well Volumes (gallons): 20.7					
WELL PURGING INFORMATION									
Purging Method: Low flow/low volume with peristaltic pump and new polyethylene tubing									
Depth of Pump Intake from TOC (feet): 42									
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
14:45	0.0	20.40	5.09	0.120	1.12	19.69	10.93	333	
14:50	0.3	20.40	5.06	0.125	0.00	19.61	7.72	343	
14:55	0.6	20.41	4.89	0.126	0.00	19.13	4.29	369	
15:00	0.9	20.41	4.84	0.128	0.00	18.87	4.35	374	
15:05	1.2	20.41	4.81	0.129	0.00	18.80	4.31	378	
15:10	1.5	20.41	4.78	0.129	0.00	18.76	4.28	381	
Purged Volume (gallons): 1.5			Purge Time (minutes): 25			Pumping Rate (gallons per minute): 0.06			
WELL SAMPLING INFORMATION									
Method of Sampling: Polyethylene bailer									
Decontamination Procedures: New sample bottles and bailer.									
Sample ID	Time	Container		Preservative		Analyses			
DW-1	15:15	40 mL (2)		hydrochloric acid		volatile organic compounds			
Sample Transport Container and Preservation: Cooler and ice									
Sample Destination: Analytical Environmental Services, Inc. in Atlanta, Georgia									
Sample Delivery Method and Courier: Hand delivery via Peachtree personnel									
Chain of Custody Completed: Yes									



APPENDIX B

LABORATORY ANALYTICAL REPORTS



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 01, 2015

Anthony Nievera
Peachtree Environmental
3000 Northwoods Pkwy
Norcross GA 30071

TEL: (770) 449-6100

FAX: (770) 449-6119

RE: THCG Wrens Facility

Dear Anthony Nievera:

Order No: 1511N27

Analytical Environmental Services, Inc. received 16 samples on 11/24/2015 11:13:00 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' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Dorothy deBruvn
Project Manager



3080 Presidential Drive, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: 1571127

Date: 11/23/15 Page 1 of 2

COMPANY:		ADDRESS:						ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers
PHONE:		FAX:																		
SAMPLED BY:		SIGNATURE:																		
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)										REMARKS			
		DATE	TIME																	
1	MW-1	11/23/15	11:47	✓		GW	✓										2			
2	MW-2		13:06	✓		GW	✓										2			
3	MW-3		14:10	✓		GW	✓										2			
4	MW-4		15:15	✓		GW	✓										2			
5	MW-5		16:20	✓		GW	✓										2			
6	MW-6		17:15	✓		GW	✓										2			
7	MW-7		17:21	✓		GW	✓										2			
8	MW-8		11:35	✓		GW	✓										2			
9	MW-9		12:15	✓		GW	✓										2			
10	MW-10		1330	✓		GW	✓										2			
11	MW-11		17:29	✓		GW	✓										2			
12	RW-1		1425	✓		GW	✓										2			
13	RW-2		1615	✓		GW	✓										2			
14	DW-1		1515	✓		GW	✓										2			
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION										RECEIPT		
1: Brad White		11/23/15 17:39		Ray Mote		11-23-15 1739		PROJECT NAME: THGC Wrens										Total # of Containers 28		
2: R & Mote		11-24-15 1113		Nadia Goh		11/25 11:13 AM		PROJECT #: 3342										Turnaround Time Request: Standard 5 Business Days 2 Business Day Rush Next Business Day Rush Same Day Rush (auth req.) Other _____		
3:				3:				SITE ADDRESS: Wrens, GA												
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: Peachtree												
				OUT / / VIA:				INVOICE TO:										STATE PROGRAM (if any):		
				IN / / VIA:				(IF DIFFERENT FROM ABOVE)										E-mail? Y/N; Fax? Y/N		
				CITY: FedEx UPS MAIL COURIER				QUOTE #:										DATA PACKAGE: I II III IV		
				GREYHOUND OTHER				PO#:												

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

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

White Copy - Original; Yellow Copy - Client



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

CHAIN OF CUSTODY

Work Order: 1571127

Date: 11/23/15 Page 2 of 2

COMPANY:		ADDRESS:		ANALYSIS REQUESTED																				Visit our website www.aesatlanta.com		No # of Containers
PHONE:		FAX:																						to check on the status of your results, place bottle orders, etc.		
SAMPLED BY:		SIGNATURE:																								
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)															REMARKS				
		DATE	TIME																							
1	duplicate	11/23/15		✓		GW	✓															2				
2	trip blank					W	✓															2				
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										
13																										
14																										
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION															RECEIPT			
1: Brad White		11/23/15 17:39		Ry Mateo		11-23-15 1739		PROJECT NAME: THGC Wrens															Total # of Containers	4		
2: Ry Mateo		11-24-15 1113		Nadia G...		11/24/15 11:13 AM		PROJECT #: 3342															☒ Turnaround Time Request ☐ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other _____			
3:								SITE ADDRESS: Wrens, GA																		
								SEND REPORT TO: Peachtree																		
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				INVOICE TO: (IF DIFFERENT FROM ABOVE)															STATE PROGRAM (if any): _____			
				OUT / / VIA: IN / / VIA: CLIENT ☒ FedEx UPS MAIL COURIER GREYHOUND OTHER _____				QUOTE #: _____ PO#: _____															E-mail? Y/N; Fax? Y/N			
																							DATA PACKAGE: I II III IV			
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.																										

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

Client: Peachtree Environmental
Project: THCG Wrens Facility
Lab ID: 1511N27

Case Narrative

Sample Receiving Nonconformance:

Sample DUPLICATE was listed with 2 VOAHL; however, only 1 vial was received. Sample was logged in according to the amount of vials received.

Volatile Organic Compounds Analysis by Method 8260B:

Benzene value for sample 1511N27-015A is "E" qualified indicating an estimated value over linear calibration range. Sample could not be diluted and reanalyzed due to insufficient vials received by laboratory.

Analytical Environmental Services, Inc
Date: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-001

Client Sample ID: MW-1
Collection Date: 11/23/2015 11:47:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 17:12	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 17:12	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 17:12	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 17:12	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 17:12	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 17:12	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 17:12	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 17:12	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-001

Client Sample ID: MW-1
 Collection Date: 11/23/2015 11:47:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:12	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 17:12	JE
Surr: 4-Bromofluorobenzene	90	70.7-125		%REC	216539	1	11/27/2015 17:12	JE
Surr: Dibromofluoromethane	98.7	82.2-120		%REC	216539	1	11/27/2015 17:12	JE
Surr: Toluene-d8	97.7	81.8-120		%REC	216539	1	11/27/2015 17:12	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-002

Client Sample ID: MW-2
Collection Date: 11/23/2015 1:06:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 17:36	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 17:36	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 17:36	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 17:36	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 17:36	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 17:36	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 17:36	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 17:36	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-002

Client Sample ID: MW-2
 Collection Date: 11/23/2015 1:06:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 17:36	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 17:36	JE
Surr: 4-Bromofluorobenzene	92	70.7-125		%REC	216539	1	11/27/2015 17:36	JE
Surr: Dibromofluoromethane	97.2	82.2-120		%REC	216539	1	11/27/2015 17:36	JE
Surr: Toluene-d8	98.4	81.8-120		%REC	216539	1	11/27/2015 17:36	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-003

Client Sample ID: MW-3
Collection Date: 11/23/2015 2:10:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 18:00	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 18:00	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 18:00	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 18:00	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 18:00	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 18:00	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 18:00	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 18:00	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-003

Client Sample ID: MW-3
 Collection Date: 11/23/2015 2:10:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:00	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 18:00	JE
Surr: 4-Bromofluorobenzene	88.5	70.7-125		%REC	216539	1	11/27/2015 18:00	JE
Surr: Dibromofluoromethane	99.3	82.2-120		%REC	216539	1	11/27/2015 18:00	JE
Surr: Toluene-d8	98.5	81.8-120		%REC	216539	1	11/27/2015 18:00	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-004

Client Sample ID: MW-4
Collection Date: 11/23/2015 3:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 18:24	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 18:24	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 18:24	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 18:24	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 18:24	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 18:24	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 18:24	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 18:24	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-004

Client Sample ID: MW-4
 Collection Date: 11/23/2015 3:15:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:24	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 18:24	JE
Surr: 4-Bromofluorobenzene	90.6	70.7-125		%REC	216539	1	11/27/2015 18:24	JE
Surr: Dibromofluoromethane	96.8	82.2-120		%REC	216539	1	11/27/2015 18:24	JE
Surr: Toluene-d8	97.9	81.8-120		%REC	216539	1	11/27/2015 18:24	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-005

Client Sample ID: MW-5
Collection Date: 11/23/2015 4:20:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 18:48	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 18:48	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 18:48	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 18:48	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 18:48	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 18:48	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 18:48	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 18:48	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE

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: 1-Dec-15

Client:	Peachtree Environmental	Client Sample ID:	MW-5
Project Name:	THCG Wrens Facility	Collection Date:	11/23/2015 4:20:00 PM
Lab ID:	1511N27-005	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 18:48	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 18:48	JE
Surr: 4-Bromofluorobenzene	92.8	70.7-125		%REC	216539	1	11/27/2015 18:48	JE
Surr: Dibromofluoromethane	98.6	82.2-120		%REC	216539	1	11/27/2015 18:48	JE
Surr: Toluene-d8	97.7	81.8-120		%REC	216539	1	11/27/2015 18:48	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-006

Client Sample ID: MW-6
Collection Date: 11/23/2015 5:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 19:12	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 19:12	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 19:12	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 19:12	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 19:12	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 19:12	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 19:12	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 19:12	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-006

Client Sample ID: MW-6
 Collection Date: 11/23/2015 5:15:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:12	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 19:12	JE
Surr: 4-Bromofluorobenzene	91.1	70.7-125		%REC	216539	1	11/27/2015 19:12	JE
Surr: Dibromofluoromethane	98.9	82.2-120		%REC	216539	1	11/27/2015 19:12	JE
Surr: Toluene-d8	99.5	81.8-120		%REC	216539	1	11/27/2015 19:12	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-007

Client Sample ID: MW-7
Collection Date: 11/23/2015 5:21:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,1,2-Trichloroethane	6.2	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,1-Dichloroethane	140	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,2-Dichloroethane	52	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,2-Dichloropropane	5.7	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 19:36	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 19:36	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 19:36	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 19:36	JE
Benzene	420	50		ug/L	216539	10	11/27/2015 16:02	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 19:36	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 19:36	JE
cis-1,2-Dichloroethene	9.8	5.0		ug/L	216539	1	11/27/2015 19:36	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 19:36	JE
Ethylbenzene	11	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 19:36	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-007

Client Sample ID: MW-7
 Collection Date: 11/23/2015 5:21:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Toluene	7.7	5.0		ug/L	216539	1	11/27/2015 19:36	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:36	JE
Vinyl chloride	16	2.0		ug/L	216539	1	11/27/2015 19:36	JE
Surr: 4-Bromofluorobenzene	93.9	70.7-125		%REC	216539	1	11/27/2015 19:36	JE
Surr: 4-Bromofluorobenzene	92.9	70.7-125		%REC	216539	10	11/27/2015 16:02	JE
Surr: Dibromofluoromethane	97.6	82.2-120		%REC	216539	1	11/27/2015 19:36	JE
Surr: Dibromofluoromethane	97.1	82.2-120		%REC	216539	10	11/27/2015 16:02	JE
Surr: Toluene-d8	96.9	81.8-120		%REC	216539	10	11/27/2015 16:02	JE
Surr: Toluene-d8	98.5	81.8-120		%REC	216539	1	11/27/2015 19:36	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-008

Client Sample ID: MW-8
Collection Date: 11/23/2015 11:35:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 19:59	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 19:59	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 19:59	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 19:59	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 19:59	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 19:59	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 19:59	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 19:59	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-008

Client Sample ID: MW-8
 Collection Date: 11/23/2015 11:35:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 19:59	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 19:59	JE
Surr: 4-Bromofluorobenzene	90	70.7-125		%REC	216539	1	11/27/2015 19:59	JE
Surr: Dibromofluoromethane	97.8	82.2-120		%REC	216539	1	11/27/2015 19:59	JE
Surr: Toluene-d8	97.6	81.8-120		%REC	216539	1	11/27/2015 19:59	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-009

Client Sample ID: MW-9
Collection Date: 11/23/2015 12:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 20:23	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 20:23	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 20:23	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 20:23	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 20:23	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 20:23	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 20:23	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 20:23	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-009

Client Sample ID: MW-9
 Collection Date: 11/23/2015 12:15:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:23	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 20:23	JE
Surr: 4-Bromofluorobenzene	89.8	70.7-125		%REC	216539	1	11/27/2015 20:23	JE
Surr: Dibromofluoromethane	98.2	82.2-120		%REC	216539	1	11/27/2015 20:23	JE
Surr: Toluene-d8	99.1	81.8-120		%REC	216539	1	11/27/2015 20:23	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-010

Client Sample ID: MW-10
Collection Date: 11/23/2015 1:30:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 20:46	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 20:46	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 20:46	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 20:46	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 20:46	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 20:46	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 20:46	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 20:46	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-010

Client Sample ID: MW-10
Collection Date: 11/23/2015 1:30:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 20:46	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 20:46	JE
Surr: 4-Bromofluorobenzene	91.1	70.7-125		%REC	216539	1	11/27/2015 20:46	JE
Surr: Dibromofluoromethane	99	82.2-120		%REC	216539	1	11/27/2015 20:46	JE
Surr: Toluene-d8	96.9	81.8-120		%REC	216539	1	11/27/2015 20:46	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-011

Client Sample ID: MW-11
Collection Date: 11/23/2015 5:29:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 21:10	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 21:10	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 21:10	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 21:10	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 21:10	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 21:10	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 21:10	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 21:10	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-011

Client Sample ID: MW-11
 Collection Date: 11/23/2015 5:29:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:10	JE
Vinyl chloride	2.2	2.0		ug/L	216539	1	11/27/2015 21:10	JE
Surr: 4-Bromofluorobenzene	94.3	70.7-125		%REC	216539	1	11/27/2015 21:10	JE
Surr: Dibromofluoromethane	98.5	82.2-120		%REC	216539	1	11/27/2015 21:10	JE
Surr: Toluene-d8	99.4	81.8-120		%REC	216539	1	11/27/2015 21:10	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-012

Client Sample ID: RW-1
Collection Date: 11/23/2015 2:25:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,1-Dichloroethane	8.0	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 21:34	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 21:34	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 21:34	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 21:34	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 21:34	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 21:34	JE
cis-1,2-Dichloroethene	5.1	5.0		ug/L	216539	1	11/27/2015 21:34	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 21:34	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 21:34	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-012

Client Sample ID: RW-1
 Collection Date: 11/23/2015 2:25:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Trichloroethene	6.6	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:34	JE
Vinyl chloride	8.2	2.0		ug/L	216539	1	11/27/2015 21:34	JE
Surr: 4-Bromofluorobenzene	90.2	70.7-125		%REC	216539	1	11/27/2015 21:34	JE
Surr: Dibromofluoromethane	98.4	82.2-120		%REC	216539	1	11/27/2015 21:34	JE
Surr: Toluene-d8	97.4	81.8-120		%REC	216539	1	11/27/2015 21:34	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-013

Client Sample ID: RW-2
Collection Date: 11/23/2015 4:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,1-Dichloroethane	25	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 21:57	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 21:57	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 21:57	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 21:57	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 21:57	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 21:57	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 21:57	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 21:57	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-013

Client Sample ID: RW-2
 Collection Date: 11/23/2015 4:15:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 21:57	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 21:57	JE
Surr: 4-Bromofluorobenzene	90.9	70.7-125		%REC	216539	1	11/27/2015 21:57	JE
Surr: Dibromofluoromethane	98.9	82.2-120		%REC	216539	1	11/27/2015 21:57	JE
Surr: Toluene-d8	98.5	81.8-120		%REC	216539	1	11/27/2015 21:57	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-014

Client Sample ID: DW-1
Collection Date: 11/23/2015 3:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 22:21	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 22:21	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 22:21	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 22:21	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 22:21	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 22:21	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 22:21	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 22:21	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-014

Client Sample ID: DW-1
 Collection Date: 11/23/2015 3:15:00 PM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:21	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 22:21	JE
Surr: 4-Bromofluorobenzene	92.8	70.7-125		%REC	216539	1	11/27/2015 22:21	JE
Surr: Dibromofluoromethane	100	82.2-120		%REC	216539	1	11/27/2015 22:21	JE
Surr: Toluene-d8	98.6	81.8-120		%REC	216539	1	11/27/2015 22:21	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-015

Client Sample ID: DUPLICATE
Collection Date: 11/23/2015
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,1,2-Trichloroethane	6.4	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,1-Dichloroethane	140	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,2-Dichloroethane	51	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,2-Dichloropropane	5.7	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 22:45	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 22:45	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 22:45	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 22:45	JE
Benzene	410	5.0	E	ug/L	216539	1	11/27/2015 22:45	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 22:45	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 22:45	JE
cis-1,2-Dichloroethene	9.7	5.0		ug/L	216539	1	11/27/2015 22:45	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 22:45	JE
Ethylbenzene	8.4	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 22:45	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-015

Client Sample ID: DUPLICATE
 Collection Date: 11/23/2015
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Toluene	6.7	5.0		ug/L	216539	1	11/27/2015 22:45	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 22:45	JE
Vinyl chloride	15	2.0		ug/L	216539	1	11/27/2015 22:45	JE
Surr: 4-Bromofluorobenzene	95.1	70.7-125		%REC	216539	1	11/27/2015 22:45	JE
Surr: Dibromofluoromethane	96.9	82.2-120		%REC	216539	1	11/27/2015 22:45	JE
Surr: Toluene-d8	97.5	81.8-120		%REC	216539	1	11/27/2015 22:45	JE

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: 1-Dec-15

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Lab ID: 1511N27-016

Client Sample ID: TRIP BLANK
Collection Date: 11/24/2015
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,1,2-Trichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,1-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,1-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,2-Dibromoethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,2-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,2-Dichloroethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,2-Dichloropropane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,3-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
1,4-Dichlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
2-Butanone	BRL	50		ug/L	216539	1	11/27/2015 23:09	JE
2-Hexanone	BRL	10		ug/L	216539	1	11/27/2015 23:09	JE
4-Methyl-2-pentanone	BRL	10		ug/L	216539	1	11/27/2015 23:09	JE
Acetone	BRL	50		ug/L	216539	1	11/27/2015 23:09	JE
Benzene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Bromodichloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Bromoform	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Bromomethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Carbon disulfide	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Carbon tetrachloride	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Chlorobenzene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Chloroethane	BRL	10		ug/L	216539	1	11/27/2015 23:09	JE
Chloroform	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Chloromethane	BRL	10		ug/L	216539	1	11/27/2015 23:09	JE
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Cyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Dibromochloromethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Dichlorodifluoromethane	BRL	10		ug/L	216539	1	11/27/2015 23:09	JE
Ethylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Freon-113	BRL	10		ug/L	216539	1	11/27/2015 23:09	JE
Isopropylbenzene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
m,p-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Methyl acetate	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Methyl tert-butyl ether	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Methylcyclohexane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Methylene chloride	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
o-Xylene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE

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: 1-Dec-15

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Lab ID: 1511N27-016

Client Sample ID: TRIP BLANK
 Collection Date: 11/24/2015
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Tetrachloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Toluene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Trichloroethene	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Trichlorofluoromethane	BRL	5.0		ug/L	216539	1	11/27/2015 23:09	JE
Vinyl chloride	BRL	2.0		ug/L	216539	1	11/27/2015 23:09	JE
Surr: 4-Bromofluorobenzene	90.4	70.7-125		%REC	216539	1	11/27/2015 23:09	JE
Surr: Dibromofluoromethane	98	82.2-120		%REC	216539	1	11/27/2015 23:09	JE
Surr: Toluene-d8	99.1	81.8-120		%REC	216539	1	11/27/2015 23:09	JE

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

Sample/Cooler Receipt Checklist

Client Purdue Univ.Work Order Number 1571627Checklist completed by M. J. [Signature] 11/24/2015
Signature DateCarrier 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? ($4^{\circ}\text{C} \pm 2$)* Yes ☒ No ☐Cooler #1 3.2C 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.

\\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Peachtree Environmental
 Project Name: THCG Wrens Facility
 Workorder: 1511N27

ANALYTICAL QC SUMMARY REPORT**BatchID: 216539**

Sample ID: MB-216539	Client ID:					Units: ug/L	Prep Date: 11/27/2015		Run No: 305328		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 216539	Analysis Date: 11/27/2015		Seq No: 6541792		
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	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers: > Greater than Result value
 BRL Below reporting limit
 J Estimated value detected below Reporting Limit
 Rpt Lim Reporting Limit

< Less than Result value
 E Estimated (value above quantitation range)
 N Analyte not NELAC certified
 S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank
 H Holding times for preparation or analysis exceeded
 R RPD outside limits due to matrix

Client: Peachtree Environmental
Project Name: THCG Wrens Facility
Workorder: 1511N27

ANALYTICAL QC SUMMARY REPORT

BatchID: 216539

Sample ID: MB-216539	Client ID:					Units: ug/L	Prep Date: 11/27/2015		Run No: 305328		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 216539	Analysis Date: 11/27/2015		Seq No: 6541792		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	46.49	0	50.00		93.0	70.7	125				
Surr: Dibromofluoromethane	49.25	0	50.00		98.5	82.2	120				
Surr: Toluene-d8	49.16	0	50.00		98.3	81.8	120				

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: Peachtree Environmental
Project Name: THCG Wrens Facility
Workorder: 1511N27

ANALYTICAL QC SUMMARY REPORT**BatchID: 216539**

Sample ID: LCS-216539	Client ID:				Units: ug/L	Prep Date: 11/27/2015	Run No: 305328				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 216539	Analysis Date: 11/27/2015	Seq No: 6541793				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	61.03	5.0	50.00		122	64.2	137				
Benzene	57.86	5.0	50.00		116	72.8	128				
Chlorobenzene	54.70	5.0	50.00		109	72.3	126				
Toluene	57.32	5.0	50.00		115	74.9	127				
Trichloroethene	55.96	5.0	50.00		112	70.5	134				
Surr: 4-Bromofluorobenzene	45.93	0	50.00		91.9	70.7	125				
Surr: Dibromofluoromethane	47.70	0	50.00		95.4	82.2	120				
Surr: Toluene-d8	48.70	0	50.00		97.4	81.8	120				

Sample ID: 1511N27-007AMS	Client ID: MW-7	Units: ug/L			Prep Date: 11/27/2015	Run No: 305328					
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 216539			Analysis Date: 11/27/2015	Seq No: 6541795					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	565.9	50	500.0		113	60.5	156				
Benzene	952.0	50	500.0	417.1	107	70	135				
Chlorobenzene	508.8	50	500.0		102	70.5	132				
Toluene	542.7	50	500.0	8.200	107	70.5	137				
Trichloroethene	526.1	50	500.0		105	71.8	139				
Surr: 4-Bromofluorobenzene	453.4	0	500.0		90.7	70.7	125				
Surr: Dibromofluoromethane	484.7	0	500.0		96.9	82.2	120				
Surr: Toluene-d8	484.0	0	500.0		96.8	81.8	120				

Sample ID: 1511N27-007AMSD	Client ID: MW-7	Units: ug/L			Prep Date: 11/27/2015	Run No: 305328					
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 216539			Analysis Date: 11/27/2015	Seq No: 6541796					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	564.1	50	500.0		113	60.5	156	565.9	0.319	20	
Benzene	967.7	50	500.0	417.1	110	70	135	952.0	1.64	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: Peachtree Environmental
Project Name: THCG Wrens Facility
Workorder: 1511N27

ANALYTICAL QC SUMMARY REPORT

BatchID: 216539

Sample ID: 1511N27-007AMSD	Client ID: MW-7	Units: ug/L	Prep Date: 11/27/2015	Run No: 305328							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 216539	Analysis Date: 11/27/2015	Seq No: 6541796							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	513.2	50	500.0		103	70.5	132	508.8	0.861	20	
Toluene	549.2	50	500.0	8.200	108	70.5	137	542.7	1.19	20	
Trichloroethene	532.8	50	500.0		107	71.8	139	526.1	1.27	20	
Surr: 4-Bromofluorobenzene	448.5	0	500.0		89.7	70.7	125	453.4	0	0	
Surr: Dibromofluoromethane	488.4	0	500.0		97.7	82.2	120	484.7	0	0	
Surr: Toluene-d8	486.9	0	500.0		97.4	81.8	120	484.0	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		