

SIXTH SEMIANNUAL VRP PROGRESS REPORT

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

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WRENS, JEFFERSON COUNTY, GEORGIA
HAZARDOUS SITE INVENTORY NO. 10245
PEACHTREE PROJECT NO. 3342

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DECEMBER 27, 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."

John P. Martiniere

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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
mg/kg	milligrams per kilogram
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), 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 August 17, 2016 and ending October 5, 2016, and includes analytical results for groundwater samples collected on October 4-5, 2016. 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 Concentrations (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 effluent air samples from each system. 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. The laboratory analytical data reports for the pre and post-carbon filtration air samples are included in **Appendix A**. 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 CONCEPTUAL SITE MODEL

The conceptual site model (CSM) presented in the 2013 VIRP has not changed for the VRP Property. The CSM is 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 is located in the Coastal Plain physiographic province of Georgia. 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 10.01 and 43.38 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 October 4-5, 2016, 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 (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 in groundwater 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 2**.

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 recovery wells (RW-1 and RW-2), and 1-inch temporary wells (TW-1 through TW-8). **Figure 2** shows the locations of the wells, excluding temporary wells TW-2 through TW-8, which are no longer in use and may have been destroyed.

The wells are screened in the shallow (uppermost) groundwater-bearing zone beneath the VRP Property. The wells range in depth from approximately 24 feet (MW-8) to approximately 65 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 recovery 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 October 4-5, 2016. 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, 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 October 2016 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 and Sampling

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. Monitoring well MW-11, on the old landfill site, exhibited an approximate 1-foot layer of unidentified free product on the water surface.

- Following removal of the free product, this well was also sampled 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.
 - Time, volume of water purged, and field parameters were monitored and recorded during purging.
 - Pump speed was adjusted to minimize drawdown within the wells, ideally such that drawdown would not exceed 0.3 feet; however, due to very slow groundwater recovery, the drawdown in certain monitoring wells slightly exceeded 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 38 ml/min to 227 ml/min, to minimize drawdown. Purge volumes for each well were recorded. Field parameter measurements for October 2016 are presented on the Monitoring Well Purgung and Sampling Information forms contained in **Appendix B**.

When field parameters stabilized, purging was stopped and the wells were sampled using the "soda straw" method when using a peristaltic pump and direct from the pump head tubing when using a submersible pump. 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 A**.

3.1.3 Free Product Sampling

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 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 observed LNAPL is likely due to the materials penetrated during the installation of this well that were disposed in the landfill and is not a result of a release or spill on the VRP Property.

The free product in monitoring well MW-11 has been sampled twice (March 19, 2012 and October 5, 2016) since the well was installed in 2010. The sample collected in March 2012 was analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082A, semi-volatile organic compounds (SVOCs) by EPA Method 8270D, and RCRA metals by EPA

Methods 6010C and 7471B. The free product sample collected in October 2016 was analyzed for PCBs by EPA Method 8082A, SVOCs by EPA Method 8270D, and VOCs by EPA Method 8260B. The laboratory analytical reports for the free product samples and the completed chain of custody forms are included in **Appendix A**.

4.0 GROUNDWATER FLOW

The water table map based on the measured water levels from the October 2016 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-northeast 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 (355.24 feet) to MW-11 (347.88 feet), is approximately 0.011 foot per foot (7.36 feet/693 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 October 2016, is, therefore, 0.064 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 ANALYTICAL RESULTS

5.1 GROUNDWATER QUALITY

Overall, VOC concentrations have remained similar to the last monitoring event in November 2015. Analytical results for the October 2016 groundwater sampling event are summarized in **Table 2**. Of the 14 wells sampled, seven had detections of VOCs, all others were reported as below the laboratory reporting limit. Nine VOCs were detected in groundwater at the VRP Property, four of them above Type 3 and Type 4 risk reduction standards. The maximum concentrations for each VOC detected at the VRP Property during the October 2016 sampling event are summarized below:

REGULATED CONSTITUENT	HIGHEST DETECTED CONCENTRATION (MONITORING WELL)	Type 3 RRS	Type 4 RRS
		(µg/L)	
1,1-DCA	100 µg/L (MW-7)	4,000	464
1,2-DCA	25 µg/L (MW-7)	5	5
Benzene	240 µg/L (MW-7)	5	9
cis-1,2-DCE	80 µg/L (MW-3)	70	204
Ethylbenzene	10 µg/L (MW-7)	700	29
Tetrachloroethene	31 µg/L (MW-4)	5	98
Trichloroethene	53 µg/L (MW-4)	5	5
Vinyl Chloride	8.8 µg/L (MW-4)	2	3
Xylenes	5.9 µg/L (MW-7)	10,000	288

The total VOCs isopleth map (**Figure 8**) indicates that the VOC plumes are focused in two general areas located on the southeastern edge of the VRP Property, and extend onto the adjoining properties to the northeast and east.

5.2 FREE PRODUCT

No SVOCs or RCRA Metals were detected in the free product sample collected in March 2012; however, one PCB, Aroclor 1242, was detected at a concentration of 5.3 milligrams per kilogram (mg/kg).

No SVOCs were detected in the free product sample collected in October 2016. One VOC, methylcyclohexane, was detected at a concentration of 4.9 mg/kg, and two PCBs, Aroclor 1242 and Aroclor 1254, were detected at concentrations of 3.0 mg/kg and 1.4 mg/kg, respectively.

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 ($\mu\text{g}/\text{L}$)	HISTORICAL HIGH SAMPLING RESULTS ($\mu\text{g}/\text{L}$)	HISTORICAL SAMPLING HIGH DATE	% DECREASE FROM HIGH
MW-3	159.4	1,192	12-5-01	86.6
MW-4	119.3	2,276	04-15-02	94.8
MW-5	BRL	129.3	10-22-02	100.0
MW-6	25	80.7	05-11-04	69.0
MW-7	385.7	3,107	10-19-06	87.6
MW-9	BRL	33	06-23-09	100.0
MW-10	53.9	108	06-23-09	50.1
RW-1	BRL	861	10-22-02	100.0
RW-2	16.3	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 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 Brushy Creek. The horizontal extent of VOCs in groundwater has been defined for all VOCs, with the exception of 1,2-DCA and vinyl chloride. The detection of 1,2-DCA and vinyl chloride above default residential cleanup standards in monitoring wells MW-3 and MW-10 indicate delineation has not been achieved to the south/southwest (MW-3) or east (MW-10). Since the SVE systems were shut down in 2013, concentrations of 1,2-DCA and vinyl chloride have shown a moderate to high negative correlation to water level data, suggesting that concentrations of these compounds generally increase during periods of decreased rainfall, such as that which Georgia has experienced in 2016. Considering historical concentration fluctuations of 1,2-DCA and vinyl chloride in monitoring wells MW-3 and MW-10 (including several recent samples that were below

laboratory reporting limits) and the relatively low concentrations currently, additional monitoring wells do not appear to be necessary at this time. Monitoring well DW-1, the VRP Property's deep well, provides vertical delineation for all the detected VOCs.

Based on the most recent groundwater analytical results, all COCs meet Type 3 or 4 risk reduction standards, with the exception of benzene, 1,2-DCA, TCE, and vinyl chloride.

The free product in monitoring well MW-11 on the adjoining property to the east has low levels of one VOC (methylcyclohexane) and two PCBs (Aroclor 1242 and Aroclor 1254). No SVOCs or RCRA Metals were detected in the free product. The source of the free product is not known; however, it does not appear to be related to historical releases at the VRP Property, nor does it appear to be contributing to VOCs in groundwater.

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.

Peachtree proposes moving from a semiannual groundwater monitoring schedule to an annual groundwater monitoring schedule for the following reasons:

- The source material has been removed,
- The facility is closed and no longer in active use,
- The groundwater concentrations are relatively low, and
- Historical data indicates that concentrations are not likely to change dramatically over a 12-month period.



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TABLES

Former Oil Processing Corporation Property
Wrens, Jefferson County, Georgia
HSI No. 10245

TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-1	397.45	398.62	34 - 49	12/12/1996	38.96	359.66
				8/25/1998	39.98	358.64
				11/18/1998	41.33	357.29
				11/10/1999	43.20	355.42
				8/15/2000	43.90	354.72
				1/9/2001	44.22	354.40
				6/13/2001	42.41	356.21
				12/5/2001	44.40	354.22
				4/15/2002	44.04	354.58
				10/22/2002	45.40	353.22
				2/13/2003	44.18	354.44
				8/18/2003	38.96	359.66
				5/11/2004	42.56	356.06
				9/30/2004	42.64	355.98
				2/23/2005	43.74	354.88
				9/27/2005	41.65	356.97
				3/7/2006	41.65	356.97
				10/19/2006	43.94	354.68
				10/3/2007	44.09	354.53
				1/30/2008	43.45	355.17
				9/17/2008	43.74	354.88
				1/29/2009	41.22	357.40
				6/23/2009	40.21	358.41
				3/3/2010	39.33	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
				10/4/2016	43.38	355.24

Former Oil Processing Corporation Property
Wrens, Jefferson County, Georgia
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TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-2	378.95	380.45	25 - 40	12/12/1996	25.48	354.97
				8/25/1998	27.28	353.17
				11/18/1998	27.35	353.10
				11/10/1999	28.70	351.75
				8/15/2000	29.18	351.27
				1/9/2001	29.20	351.25
				6/13/2001	28.22	352.23
				12/5/2001	29.83	350.62
				4/15/2002	29.34	351.11
				10/22/2002	30.20	350.25
				2/13/2003	28.91	351.54
				8/18/2003	25.77	354.68
				5/11/2004	28.75	351.70
				9/30/2004	27.88	352.57
				2/23/2005	28.38	352.07
				9/27/2005	28.15	352.30
				3/7/2006	27.55	352.90
				10/19/2006	29.53	350.92
				10/3/2007	29.78	350.67
				1/30/2008	28.34	352.11
				9/17/2008	29.14	351.31
				1/29/2009	27.78	352.67
				6/23/2009	26.73	353.72
				3/3/2010	25.10	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
				11/23/2015	28.08	352.37
				10/4/2016	29.28	351.17

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TABLE 1
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Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-3	366.91	368.08	9.5 - 24.5	12/12/1996	14.70	353.38
				8/25/1998	15.35	352.73
				11/18/1998	15.90	352.18
				11/10/1999	17.25	350.83
				8/15/2000	17.81	350.27
				1/9/2001	18.01	350.07
				6/13/2001	16.26	351.82
				12/5/2001	18.05	350.03
				4/15/2002	18.00	350.08
				10/22/2002	18.80	349.28
				2/13/2003	18.25	349.83
				8/18/2003	14.75	353.33
				5/11/2004	17.30	350.78
				9/30/2004	16.31	351.77
				2/23/2005	16.65	351.43
				9/27/2005	16.47	351.61
				3/7/2006	16.03	352.05
				10/19/2006	17.60	350.48
				10/3/2007	17.90	350.18
				1/30/2008	17.14	350.94
				9/17/2008	17.30	350.78
				1/29/2009	16.53	351.55
				6/23/2009	15.49	352.59
				3/3/2010	14.52	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
				10/4/2016	17.40	350.68

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TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-4	370.22	371.39	13 - 28	12/12/1996	19.02	352.37
				8/25/1998	19.65	351.74
				11/18/1998	20.00	351.39
				11/10/1999	21.13	350.26
				8/15/2000	21.60	349.79
				1/9/2001	21.75	349.64
				6/13/2001	20.68	350.71
				12/5/2001	21.87	349.52
				4/15/2002	21.75	349.64
				10/22/2002	22.47	348.92
				2/13/2003	21.55	349.84
				8/18/2003	19.79	351.60
				5/11/2004	20.65	350.74
				9/30/2004	20.30	351.09
				2/23/2005	20.30	351.09
				9/27/2005	20.52	350.87
				3/7/2006	19.94	351.45
				10/19/2006	21.50	349.89
				10/3/2007	21.72	349.67
				1/30/2008	20.80	350.59
				9/17/2008	21.10	350.29
				1/29/2009	20.85	350.54
				6/23/2009	19.54	351.85
				3/3/2010	18.61	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
				10/4/2016	21.37	350.02

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TABLE 1
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Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-5	378.22	380.56	30 - 40	11/10/1999	30.18	350.38
				8/15/2000	30.53	350.03
				1/9/2001	30.68	349.88
				6/13/2001	29.75	350.81
				12/5/2001	30.91	349.65
				4/15/2002	30.78	349.78
				10/22/2002	31.46	349.10
				2/13/2003	30.50	350.06
				8/18/2003	27.72	352.84
				5/11/2004	29.80	350.76
				9/30/2004	29.43	351.13
				2/23/2005	29.60	350.96
				9/27/2005	29.61	350.95
				3/7/2006	29.04	351.52
				10/19/2006	31.52	349.04
				10/3/2007	30.80	349.76
				1/30/2008	29.73	350.83
				9/17/2008	30.23	350.33
				1/29/2009	29.67	350.89
				6/23/2009	28.54	352.02
				3/3/2010	27.57	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
				10/4/2016	30.47	350.09

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TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-6	358.15	360.56	15 - 25	11/10/1999	10.83	349.73
				8/15/2000	11.00	349.56
				1/9/2001	11.25	349.31
				6/13/2001	9.86	350.70
				12/5/2001	11.26	349.30
				4/15/2002	11.20	349.36
				10/22/2002	11.87	348.69
				2/13/2003	11.25	349.31
				8/18/2003	9.50	351.06
				5/11/2004	10.08	350.48
				9/30/2004	9.80	350.76
				2/23/2005	9.58	350.98
				9/27/2005	9.94	350.62
				3/7/2006	9.50	351.06
				10/19/2006	10.88	349.68
				10/3/2007	11.17	349.39
				1/30/2008	10.51	350.05
				9/17/2008	10.72	349.84
				1/29/2009	9.99	350.57
				6/23/2009	9.34	351.22
				3/3/2010	8.17	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
				10/4/2016	10.80	349.76

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TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-7	363.7	366.31	18 - 28	10/22/2002	21.20	345.11
				2/13/2003	20.26	346.05
				8/18/2003	17.89	348.42
				5/11/2004	19.64	346.67
				9/30/2004	19.13	347.18
				2/23/2005	19.32	346.99
				9/27/2005	19.08	347.23
				3/7/2006	18.95	347.36
				10/19/2006	20.55	345.76
				10/3/2007	22.54	343.77
				1/30/2008	17.65	348.66
				9/17/2008	18.02	348.29
				1/29/2009	14.55	351.76
				6/23/2009	15.20	351.11
				3/3/2010	13.54	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
				10/5/2016	16.54	349.77

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TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-8	355.18	357.96	14 - 24	10/22/2002	10.02	347.94
				2/13/2003	9.68	348.28
				8/18/2003	8.25	349.71
				5/11/2004	9.38	348.58
				9/30/2004	8.00	349.96
				2/23/2005	8.71	349.25
				9/27/2005	9.57	348.39
				3/7/2006	8.79	349.17
				10/19/2006	10.00	347.96
				10/3/2007	10.71	347.25
				1/30/2008	9.56	348.40
				9/17/2008	9.25	348.71
				1/29/2009	9.08	348.88
				6/23/2009	8.72	349.24
				3/3/2010	7.50	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
				10/5/2016	10.01	347.95

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TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-9	374.19	375.78	25 - 45	1/30/2008	25.28	350.50
				9/17/2008	25.75	350.03
				1/29/2009	25.08	350.70
				6/23/2009	24.40	351.38
				3/3/2010	23.44	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
				11/23/2015	25.03	350.75
				10/4/2016	26.04	349.74
MW-10	359.56	361.66	10 - 25	1/30/2008	11.96	349.70
				9/17/2008	12.18	349.48
				1/29/2009	11.61	350.05
				6/23/2009	11.93	349.73
				3/3/2010	10.22	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
				11/23/2015	11.44	350.22
				10/4/2016	12.58	349.08

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TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
MW-11	366.7	368.88	17 - 27	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
				10/5/2016	21.00	347.88
DW-1	367.64	370.10	60 - 65	10/22/2002	21.87	348.23
				2/13/2003	21.15	348.95
				8/18/2003	18.38	351.72
				5/11/2004	20.80	349.30
				9/30/2004	20.25	349.85
				2/23/2005	19.95	350.15
				9/27/2005	19.92	350.18
				3/7/2006	19.63	350.47
				10/19/2006	20.84	349.26
				10/3/2007	21.15	348.95
				1/30/2008	20.75	349.35
				9/17/2008	20.75	349.35
				1/29/2009	20.05	350.05
				6/23/2009	19.06	351.04
				3/3/2010	18.41	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
				10/4/2016	20.70	349.40

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TABLE 1
Monitoring Well & Groundwater Elevation Data

Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
RW-1	370.42	371.83	23 - 53	10/22/2002	25.94	345.89
				2/13/2003	20.49	351.34
				8/18/2003	19.60	352.23
				5/11/2004	20.07	351.76
				9/30/2004	19.95	351.88
				2/23/2005	20.00	351.83
				9/27/2005	19.98	351.85
				3/7/2006	19.53	352.30
				10/19/2006	21.40	350.43
				10/3/2007	22.80	349.03
				1/30/2008	20.55	351.28
				9/17/2008	NA	NA
				1/29/2009	20.80	351.03
				6/23/2009	19.92	351.91
				3/3/2010	18.10	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
				10/5/2016	20.08	351.75

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TABLE 1
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Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
RW-2	365.73	367.22	18 - 48	10/22/2002	19.44	347.78
				2/13/2003	16.93	350.29
				8/18/2003	15.20	352.02
				5/11/2004	15.60	351.62
				9/30/2004	15.38	351.84
				2/23/2005	15.33	351.89
				9/27/2005	15.38	351.84
				3/7/2006	15.00	352.22
				10/19/2006	16.45	350.77
				10/3/2007	18.10	349.12
				1/30/2008	16.00	351.22
				9/17/2008	NA	NA
				1/29/2009	16.40	350.82
				6/23/2009	14.45	352.77
				3/3/2010	13.58	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
				10/5/2016	16.29	350.93

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TABLE 1
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Monitoring Well ID	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Screen Interval bgs (feet)	Date Measured	Depth to Water BTOC (feet)	Water Level Elevation (feet)
TW-1	375.41	377.89	20.5 - 30.5	4/30/2010	24.50	353.39
				9/14/2010	26.55	351.34
				3/9/2011	27.31	350.58
				9/6/2011	28.20	349.69
				3/27/2012	Dry	Dry
				7/24/2012	Dry	Dry
				2/13/2013	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
				10/5/2016	NM	NM

Notes:

bgs - below ground surface

BTOC - below top of casing

NA - not available

NM - not measured

All TOC elevations are derived from a professional survey datum established March 2010.

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TABLE 2
Groundwater Analytical Results - 1,1-Dichloroethane

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	36	40											
8/25/1998	<5	<5	<5	120											
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
10/5/2016	<5	<5	42	7.5	<5	6.8	100	<5	<5	17	6.5	<5	<5/5	8.1	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	4,000
Type 4	464

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - 1,1-Dichloroethene

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	<5											
8/25/1998	<5	<5	<5	<5											
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	1,000	
2/13/2003	<5	<5	<5	<5	<5	<5	<5					<5	<5	1,500	
8/18/2003	<5	<5	<5	<5	<5	<5	<5					<5	<5	400	
5/11/2004	<5	<5	<5	<5	<5	<5	<5					<5	<5	380	
9/30/2004	<5	<5	<5	<5	<5	<5	<5					<5	<5	200	
2/23/2005	<5	<5	<5	<5	<5	<5	<5					<5	<5	44	
9/27/2005	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
3/7/2006	<5	<5	<5	<5	<5	<5	<5					<5	<5	13	
10/19/2006	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
10/3/2007	<5	<5	<5	<5	<5	<5	<5					<5	<5	16	
1/30/2008	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
9/17/2008	<5	<5	<5	<5	<5	<5	6.4	<5	<5			<5	NS	NS	
1/29/2009	<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	
3/3/2010	<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	34
3/9/2011	<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	9.3
3/27/2012	<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
10/5/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	7
Type 4	524

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - 1,2-Dichloroethane

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	51											
8/25/1998	<5	<5	<5	220											
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	<5	78	
9/17/2008	<5	<5	<5	16	<5	<5	69	<5	<5	<5	<5	<5	NS	NS	
1/29/2009	<5	<5	<5	<5	<5	<5	31	<5	<5	<5	<5	<5	<5	<5	
6/23/2009	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	20	
3/3/2010	<5	<5	<5	<5	<5	<5	43	<5	<5	<5	<5	<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	5.2	32
6/11/2013	<5	<5	<5	<5	<5	<5	23	<5	<5	<5	<5	<5	<5	6.4	<5
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
10/5/2016	<5	<5	23	<5	<5	<5	25	<5	<5	6.4	<5	<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	5
Type 4	5

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in bold red

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

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

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<10	<10	<10	100											
8/25/1998	<10	<10	<10	530											
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	<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	<5	14	42
6/11/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	19	<5
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
10/5/2016	<5	<5	80	19	<5	11	<5	<5	<5	24	<5	<5	<5/<5	8.2	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	70
Type 4	204

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in bold red

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

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

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	<5											
8/25/1998	<5	<5	<5	<5											
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	21	<5					<5	<5	2,400	
2/13/2003	<5	<5	<5	<5	<5	77	<5					<5	<5	3,000	
8/18/2003	<5	<5	<5	<5	<5	<5	<5					<5	<5	620	
5/11/2004	<5	<5	<5	<5	<5	90	<5					<5	<5	600	
9/30/2004	<5	<5	<5	<5	<5	<5	<5					<5	<5	230	
2/23/2005	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
9/27/2005	<5	<5	<5	<5	<5	15	<5					<5	<5	<5	
3/7/2006	<5	<5	<5	<5	<5	11	<5					<5	<5	<5	
10/19/2006	<5	<5	<5	<5	<5	35	<5					<5	<5	<5	
10/3/2007	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
1/30/2008	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5	
9/17/2008	<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	
6/23/2009	<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	
9/14/2010	<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	55
9/6/2011	<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	dry
7/24/2012	<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	dry
6/11/2013	<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	NS
12/29/2014	<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	NS
11/23/2015	<5	<5	<5	<5	<5	<5	<5/<5	<5	<5	<5		<5	<5	<5	NS
10/5/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	200
Type 4	13,600

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

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

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	<5											
8/25/1998	<5	<5	<5	<5											
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	<5	
9/17/2008	<5	<5	<5	<5	<5	<5	76	<5	<5	<5	<5	<5	NS	NS	
1/29/2009	<5	<5	<5	<5	<5	<5	14	<5	<5	<5	<5	<5	<5	<5	
6/23/2009	<5	<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	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/<5
2/13/2013	<5	<5	<5	8	<5	<5	130	<5	<5	<5	<5	<5	<5	23	97
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
10/5/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	5
Type 4	5

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

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

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	<5											
8/25/1998	<5	<5	<5	<5											
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	
2/13/2003	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
8/18/2003	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
5/11/2004	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
9/30/2004	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
2/23/2005	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
9/27/2005	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
3/7/2006	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
10/19/2006	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
10/3/2007	<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	
9/17/2008	<5	<5	<5	<5	<5	<5	23		<5	<5		<5	NS	NS	
1/29/2009	<5	<5	<5	<5	<5	<5	21		<5	<5		<5	<5	<5	
6/23/2009	<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	10
9/14/2010	<5	<5	<5	<5	<5/<5	<5	13		<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	28
9/6/2011	<5	<5	<5	<5	<5	<5/<5	16		<5	<5		<5	<5	<5	18
3/27/2012	<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	dry
6/11/2013	<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	NS
12/29/2014	<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	NS
11/23/2015	<5	<5	<5	<5	<5	<5	<5/<5		<5	<5	<5	<5	<5	<5	NS
10/5/2016	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	5
Type 4	5

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in bold red

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Methyl Ethyl Ketone (2-butanone)

Date Sampled	Analytical Results ($\mu\text{g/L}$)														
	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
12/12/1996	<10	<10	<10	<10											
8/25/1998	<10	<10	<10	<10											
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	240	<10	
2/13/2003	<10	<10	<10	<10	<10	<10	<10					<10	<10	4,700	
8/18/2003	<10	<10	<10	<10	<10	<10	<10					<10	<10	2,100	
5/11/2004	<10	<10	<10	<10	<10	<10	<10					<10	<10	2,100	
9/30/2004	<10	<10	<10	<10	<10	<10	<10					<10	<10	2,100	
2/23/2005	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
9/27/2005	<10	<10	<10	<10	<10	<10	<10					<10	<10	130	
3/7/2006	<50	<50	<50	<50	<50	<50	<50					<50	<50	410	
10/19/2006	<50	<50	<50	<50	<50	<50	<50					<50	<50	440	
10/3/2007	<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	
9/17/2008	<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	
6/23/2009	<50	<50	<50	<50	<50	<50	99	<50				<50	<50	<50	
3/3/2010	<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
3/9/2011	<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
3/27/2012	<50	<50	<50	<50	<50/<50	<50	<50	<50				<50/<50	<50	<50	<50
7/24/2012	<50	<50	<50	<50	<50	<50/<50	<50	<50				<50	<50	<50	<50/<50
2/13/2013	<50	<50	<50	<50	<50	<50	<50	<50				<50	<50	<50	<50
6/11/2013	<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	NS
12/29/2014	<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	NS
11/23/2015	<50	<50	<50	<50	<50	<50	<50/<50	<50	<50			<50	<50	<50	NS
10/5/2016	<50	<50	<50	<50	<50	<50	<50	<50				<50	<50/<50	<50	NS

Risk Reduction Standard	Concentration ($\mu\text{g/L}$)
Type 3	2,000
Type 4	11,800

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Methyl Isobutyl Ketone (4-methyl-2-pentanone)

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<10	<10	<10	<10											
8/25/1998	<10	<10	<10	<10											
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	11	<10	
2/13/2003	<10	<10	<10	<10	<10	<10	<10					<10	<10	350	
8/18/2003	<10	<10	<10	<10	<10	<10	<10					<10	<10	220	
5/11/2004	<10	<10	<10	<10	<10	<10	<10					<10	<10	280	
9/30/2004	<10	<10	<10	<10	<10	<10	<10					<10	<10	160	
2/23/2005	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
9/27/2005	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
3/7/2006	<10	<10	<10	<10	<10	<10	<10					<10	<10	33	
10/19/2006	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
10/3/2007	<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
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
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
10/5/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	2,000
Type 4	4,230

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
Wrens, Jefferson County, Georgia
HSI No. 10245

TABLE 2
Groundwater Analytical Results - Acetone

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<20	<20	<20	<20											
8/25/1998	<20	<20	<20	<20											
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	610	3,200	
2/13/2003	<20	<20	<20	<20	<20	<20	<20					<20	6.6	11,000	
8/18/2003	<20	<20	<20	<20	<20	<20	<20					<20	30	6,800	
5/11/2004	<20	<20	<20	<20	<20	<20	<20					<20	<20	3,800	
9/30/2004	<20	<20	<20	<20	<20	<20	<20					<20	<20	3,300	
2/23/2005	<20	<20	<20	<20	<20	<20	<20					<20	<20	<20	
9/27/2005	<20	<20	<20	<20	<20	<20	<20					<20	<20	270	
3/7/2006	<50	<50	<50	<50	<50	<50	<50					<50	<50	870	
10/19/2006	<50	<50	<50	<50	<50	<50	<50					<50	<50	440	
10/3/2007	<50	<50	<50	<50	<50	<50	<50					<50	<50	95	
1/30/2008	<50	<50	<50	<50	<50	<50	<50					<50	<50	<50	
9/17/2008	<50	<50	<50	<50	<50	<50	<50					<50	NS	NS	
1/29/2009	<50	<50	<50	<50	<50	<50	<50					<50	<50	<50	
6/23/2009	<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	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
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
10/5/2016	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	4,000
Type 4	45,600

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Benzene

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	49	190											
8/25/1998	<5	<5	40	72											
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	<5	
9/17/2008	<5	<5	<5	8.3	<5	<5	250	<5	<5	<5	<5	<5	NS	NS	
1/29/2009	<5	<5	<5	<5	<5	<5	110	<5	<5	<5	<5	<5	<5	<5	
6/23/2009	<5	<5	<5	<5	<5	<5	230	<5	<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	6	2,400	
9/6/2011	<5	<5	<5	13	<5	<5/<5	1,000	<5	<5	<5	<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/<5
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	<5	16	<5
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
10/5/2016	<5	<5	8.6	<5	<5	<5	240	<5	<5	<5	<5	<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	5
Type 4	9

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in bold red

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Chloroethane

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	260											
8/25/1998	<5	<5	<5	<5											
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	
2/13/2003	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
8/18/2003	<5	<5	<5	<5	<5	<5	<5					<5	<5	<5	
5/11/2004	<10	<10	<10	39	<10	<10	<10					<10	<10	<10	
9/30/2004	<10	<10	<10	24	<10	<10	<10					<10	<10	<10	
2/23/2005	<10	<10	<10	12	<10	<10	<10					<10	<10	<10	
9/27/2005	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
3/7/2006	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
10/19/2006	10	10	<10	<10	<10	<10	<10					<10	<10	<10	
10/3/2007	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
1/30/2008	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
9/17/2008	<10	<10	<10	<10	<10	<10	<10					<10	NS	NS	
1/29/2009	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	
6/23/2009	<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
9/14/2010	<10	<10	<10	<10	<10	<10/<10	<10					<10/<10	35	<10	<10
3/9/2011	<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
3/27/2012	<10	<10	<10	<10	<10/<10	<10	<10					<10/<10	<10	<10	<10
7/24/2012	<10	<10	<10	<10	<10	<10/<10	<10					<10	<10	<10	<10/<10
2/13/2013	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	<10
6/11/2013	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	NS
5/14/2014	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	NS
12/29/2014	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	NS
6/2/2015	<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	NS
10/5/2016	<10	<10	<10	<10	<10	<10	<10					<10	<10	<10	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	DL
Type 4	29,000

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

DL - detection limit

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Chloroform

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	<5											
8/25/1998	<5	<5	<5	<5											
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
10/5/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5/<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	80
Type 4	5

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Ethylbenzene

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	14	37											
8/25/1998	<5	<5	7	18											
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	
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	<5	<5
9/17/2008	<5	<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	<5	
6/23/2009	<5	<5	<5	<5	<5	<5	8.9	<5	<5	<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	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/<5
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
10/5/2016	<5	<5	<5	<5	<5	<5	10	<5	<5	<5	<5	<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	700
Type 4	29

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Tetrachloroethene

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	<5											
8/25/1998	<5	<5	<5	<5											
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
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
10/5/2016	<5	<5	<5	31	<5	<5	<5	<5	<5	<5	<5	<5	<5/<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	5
Type 4	98

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in bold red

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Toluene

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	52	110											
8/25/1998	<5	<5	49	45											
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	<5	<5
9/17/2008	<5	<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	<5	
6/23/2009	<5	<5	<5	<5	<5	<5	35	<5	<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	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/<5
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
10/5/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	1,000
Type 4	5,240

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in bold red

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Trichloroethene

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<5	<5	<5	<5											
8/25/1998	<5	<5	10	18											
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	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	<5	
9/17/2008	<5	<5	<5	<5	<5	<5	14	<5	<5	<5	<5	<5	<5	<5	
1/29/2009	<5	<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	<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	5.1
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/<5
2/13/2013	<5	<5	<5	30	5.2	<5	<5	<5	<5	<5	<5	<5	<5	14	dry
6/11/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	8.6	<5
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	<5	6.6	<5
10/5/2016	<5	<5	<5	53	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	5
Type 4	5

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Vinyl Chloride

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<2	<2	430	790											
8/25/1998	<2	<2	160	260											
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	<5	<5	37	16	dry
6/11/2013	<2	<2	<2	<2	<2	<2	12	<2	<2	4.4	<2	<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	<2	8.2	<2
10/5/2016	<2	<2	5.8	8.8	<2	7.2	4.8	<2	<2	6.5	<2	<2	<2	<2	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	2
Type 4	3

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in bold red

NS - not sampled

Former Oil Processing Corporation Property
 Wrens, Jefferson County, Georgia
 HSI No. 10245

TABLE 2
 Groundwater Analytical Results - Xylenes

Date Sampled	Analytical Results (µg/L)														
	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
12/12/1996	<15	<15	38	31											
8/25/1998	<15	<15	19	29											
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	100	
2/13/2003	<15	<15	27	<15	<15	<15	<15					<15	16.4	103	
8/18/2003	<15	<15	<15	<15	<15	<15	<15					<15	5.2	63	
5/11/2004	<15	<15	<15	<15	<15	<15	<15					<15	<15	47	
9/30/2004	<15	<15	<15	<15	<15	<15	<15					<15	6.6	<15	
2/23/2005	<15	<15	<15	<15	<15	<15	<15					<15	<15	<15	
9/27/2005	<15	<15	<15	<15	<15	<15	<15					<15	<15	<15	
3/7/2006	<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	
10/3/2007	<15	<15	<15	19.5	<15	<15	<15					<15	<15	5.4	
1/30/2008	<15	<15	<15	<15	<15	<15	<15					<15	<15	<15	
9/17/2008	<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/<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
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
10/5/2016	<5	<5	<5	<5	<5	<5	5.9	<5	<5	<5	<5	<5	<5	<5/<5	NS

Risk Reduction Standard	Concentration (µg/L)
Type 3	10,000
Type 4	288

Notes:

Green shading indicates off-site monitoring well

Applicable risk reduction standard(s) and exceedances shown in **bold red**

NS - not sampled

Former Oil Processing Corporation Property
Wrens, Jefferson County, Georgia
HSI No. 10245

TABLE 2
Groundwater Analytical Results - Total VOCs

Date Sampled	Analytical Results (µg/L)															
	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	
12/12/1996	BRL	BRL	674	1,609												
8/25/1998	BRL	BRL	292	1,312												
11/10/1999	BRL	BRL	409.8	1,528	20.8	19.4										
8/15/2000	BRL	BRL	627	558	BRL	28.6										
1/9/2001	BRL	BRL	54.4	1,179.9	BRL	BRL										
6/13/2001	BRL	BRL	BRL	543.1	52.7	BRL										
12/5/2001	BRL	8.6	1,192	2,105.1	118.5	14										
4/15/2002	BRL	5	8.3	2,276	118.1	30.4										
10/22/2002	BRL	5	926.8	1,588.6	124.2	50.2	2,923	BRL				BRL	861	9,500.3		
2/13/2003	BRL	BRL	19.5	1,695	25.5	BRL	1,411.2	BRL				101.3	159.1	26,113.7		
8/18/2003	BRL	BRL	214.5	84	BRL	BRL	290	BRL				3.7	103.2	12,161.1		
5/11/2004	BRL	BRL	64.6	336.2	BRL	70.7	1,445	BRL				BRL	2.7	8,834		
9/30/2004	BRL	BRL	BRL	329	BRL	11.8	370	BRL				6.1	228.3	7,254		
2/23/2005	BRL	BRL	BRL	307.5	BRL	35.1	32.9	BRL				BRL	61.2	301		
9/27/2005	BRL	BRL	37.1	293	6.6	BRL	229.9	BRL				BRL	BRL	467		
3/7/2006	BRL	BRL	BRL	28.8	16	27	226.1	BRL				BRL	68.6	1,617.4		
10/19/2006	BRL	BRL	548.9	767.9	36.1	79	3,107	BRL				BRL	6.6	1,009.8		
10/3/2007	BRL	BRL	116.8	892.5	BRL	BRL	1,088.6	BRL				BRL	13	306.4		
1/30/2008	BRL	BRL	BRL	472.6	BRL	45.3	490.5	BRL	19	20.8		BRL	20	170		
9/17/2008	BRL	BRL	BRL	24.3	7.3	BRL	1,106	BRL	BRL	16.5		BRL	NS	NS		
1/29/2009	BRL	BRL	BRL	BRL	BRL	BRL	272	BRL	BRL	51.1		BRL	BRL	BRL		
6/23/2009	BRL	BRL	7.3	BRL	BRL	BRL	552.9	BRL	33	108		BRL	BRL	103.3		
3/3/2010	BRL	BRL	BRL	4.3	BRL	BRL	1,439.4	BRL	BRL	94		BRL	BRL	29.9		
9/14/2010	BRL	BRL	BRL	418.4	BRL	2.8/2.9	2,992.8	BRL	26	80/82	42.4	BRL	BRL	78.6	7,741.6	
3/9/2011	BRL	7.8	BRL	64/80	BRL	BRL	2,972.2	BRL	BRL	32.2	18	BRL	BRL	161	6,364.8	
9/6/2011	BRL	BRL	100	495	BRL	BRL	2,102.8	BRL	BRL	75.5	236.2	BRL	BRL	69.3	2,132.4	
3/27/2012	BRL	BRL	16.5	413	5.1/BRL	BRL	213.1	BRL	BRL	26.7/24.8	35	BRL	BRL	271.8	dry	
7/24/2012	BRL	BRL	98	270.9	12.3	12.6/11.7	2,643.9	BRL	BRL	46.6	60	BRL	BRL	175/174	dry	
2/13/2013	BRL	BRL	BRL	129.3	14.6	BRL	855.8	BRL	BRL	BRL	4.8	BRL	56.2	216.7	dry	
6/11/2013	BRL	BRL	BRL	BRL	5.6	BRL	236.9	BRL	BRL	BRL	4.4	BRL	107	BRL	NS	
5/14/2014	BRL	BRL	19.3	BRL	BRL	BRL	311.2	BRL	BRL	50.4	BRL	BRL	BRL	203.2	NS	
12/29/2014	BRL	BRL	23	180.4	9	BRL	790.3	BRL	BRL	68	BRL	BRL	BRL	123	NS	
6/2/2015	BRL	BRL	43.9	56.3	BRL	BRL	598.6	BRL	BRL	50.4	7.0	BRL	BRL	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	
10/5/2016	BRL	BRL	159.4	119.3	BRL	25	385.7	BRL	BRL	53.9	6.5	BRL	BRL/BRL	16.3	NS	

Notes:

Green shading indicates off-site monitoring well

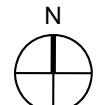
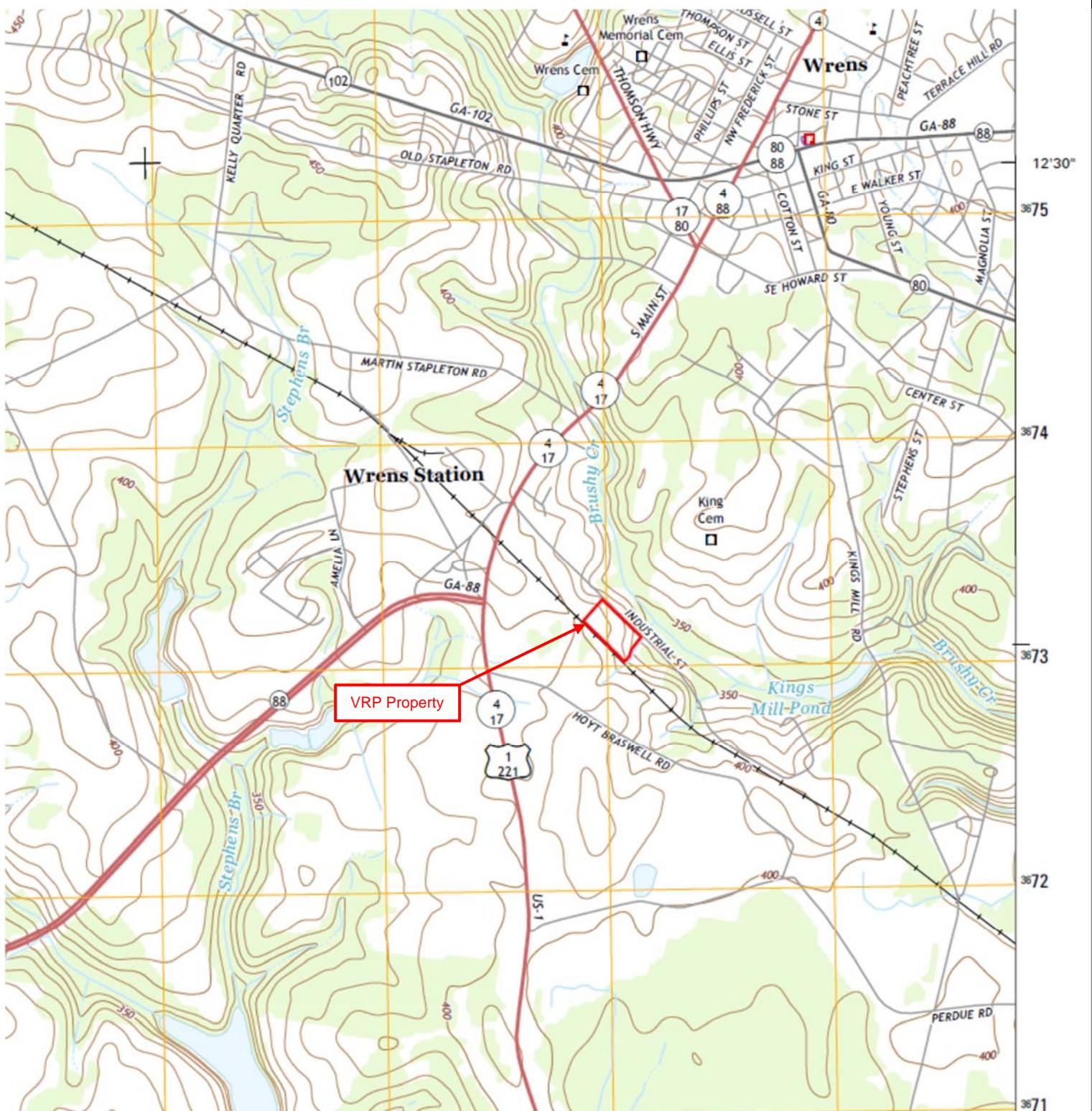
BRL - below reporting limit

NS - not sampled



PEACHTREE
ENVIRONMENTAL

FIGURES

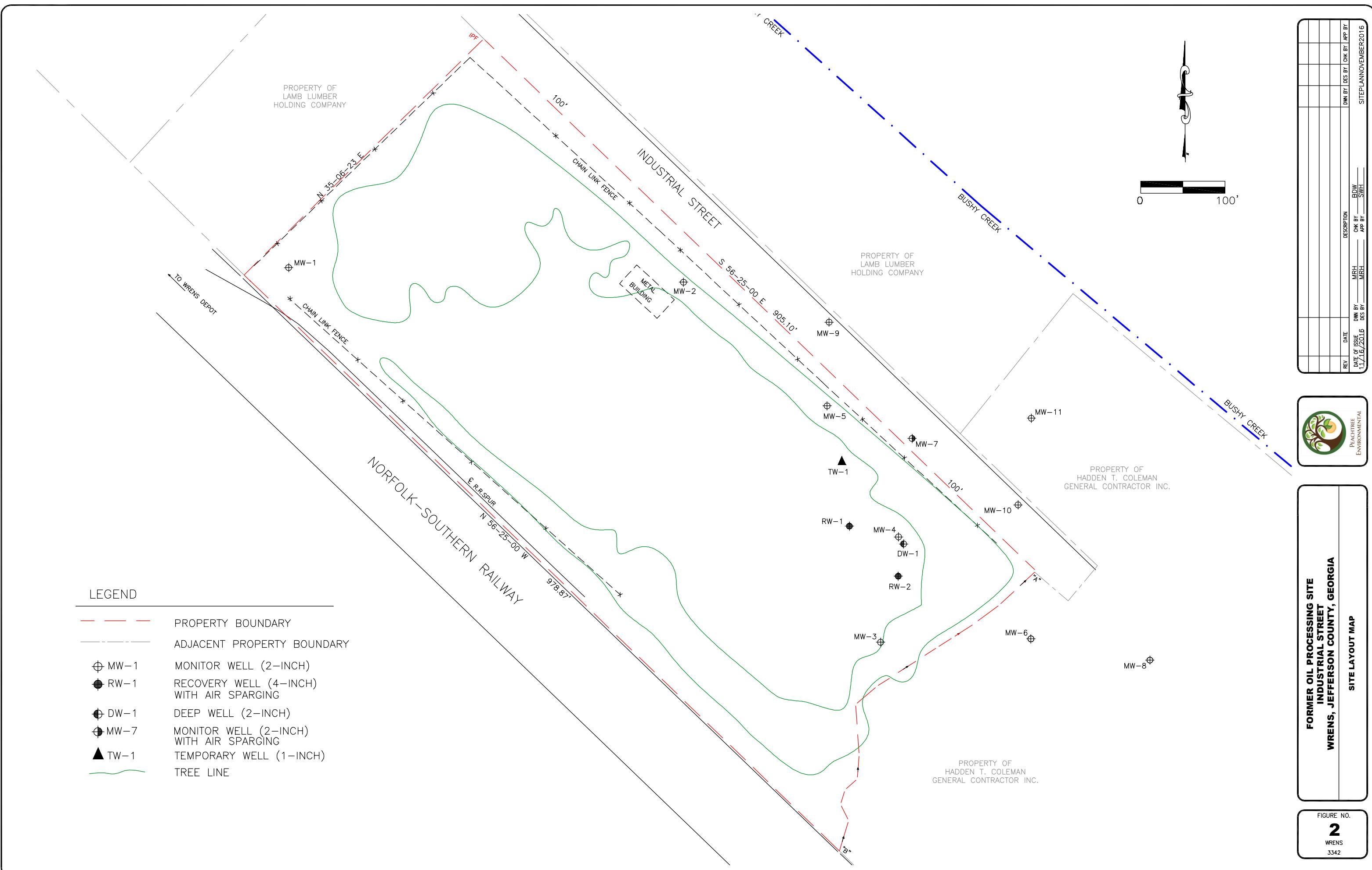


PEACHTREE
ENVIRONMENTAL

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

FIGURE 1 SITE LOCATION MAP

Base Map: 2014 USGS Wrens, Georgia Quadrangle, Scale = 1:24,000



SITE PLAN NOVEMBER 2016	
DW BY	EDW
DES BY	SWH
CHK BY	MRH
APP BY	MRH
REV DATE	
DATE OF ISSUE	
11/16/2016	
DESCR	

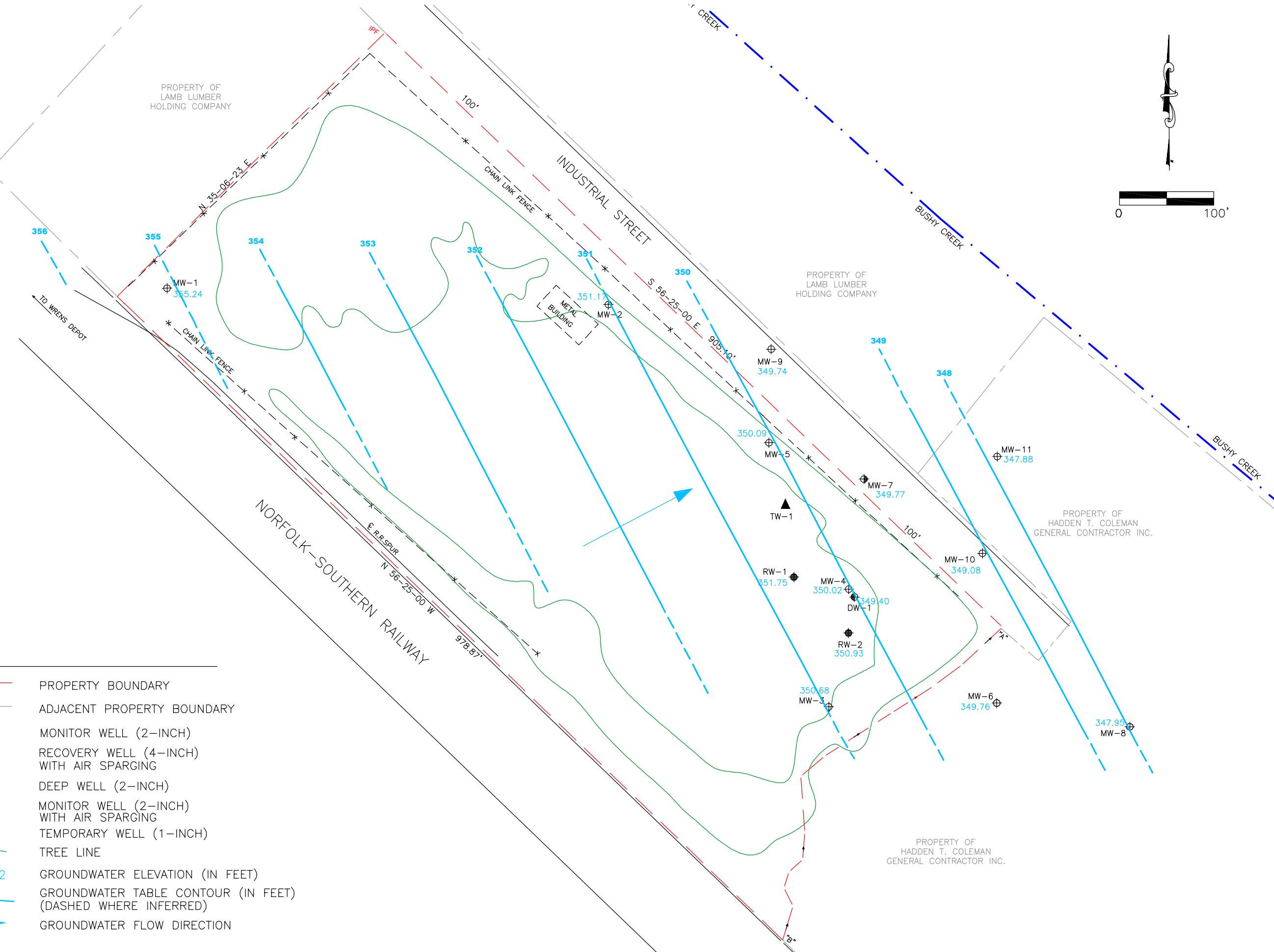


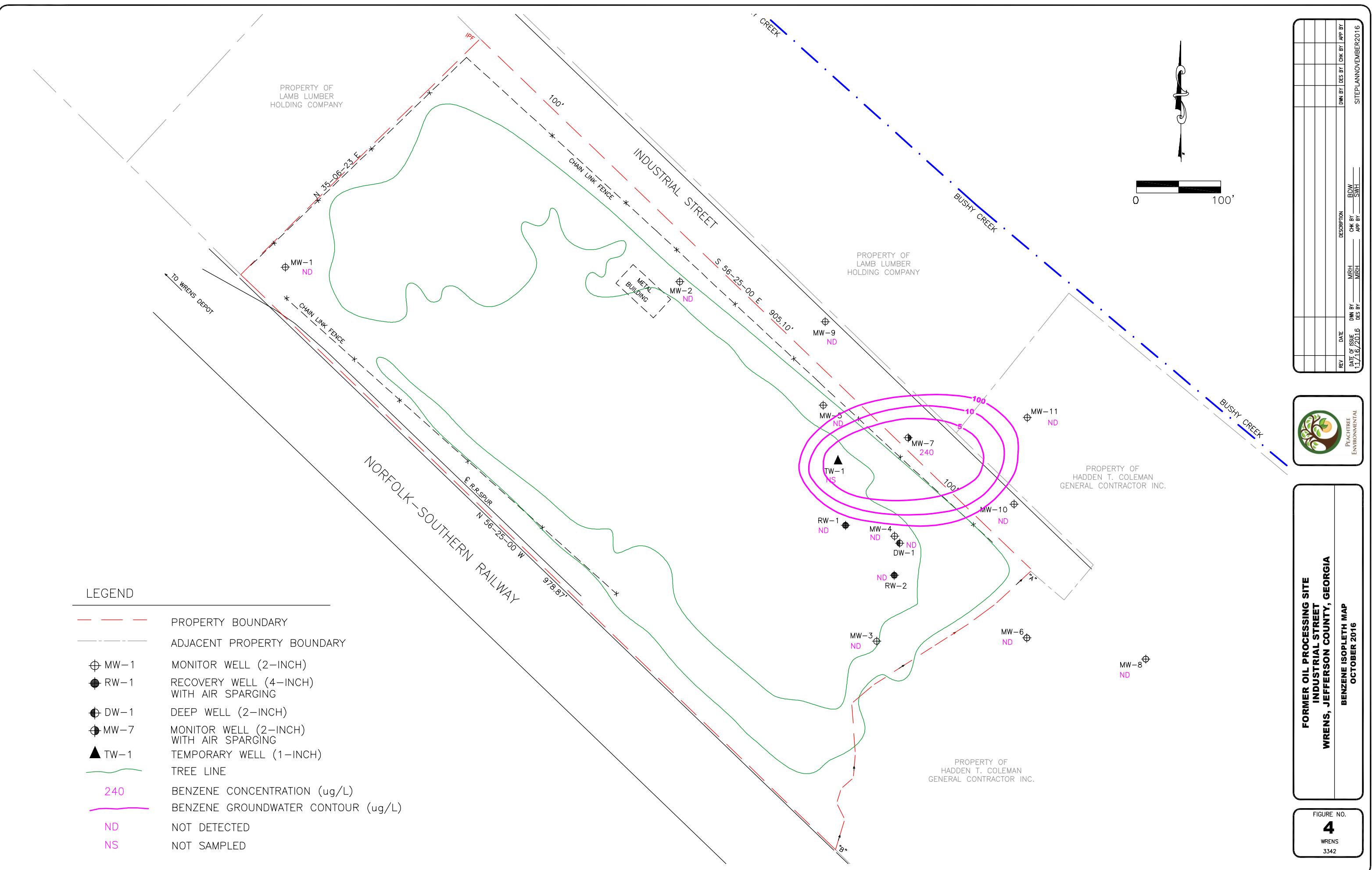
**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA**
GROUNDWATER POTENTIOMETRIC MAP
DATA COLLECTED OCTOBER 2016

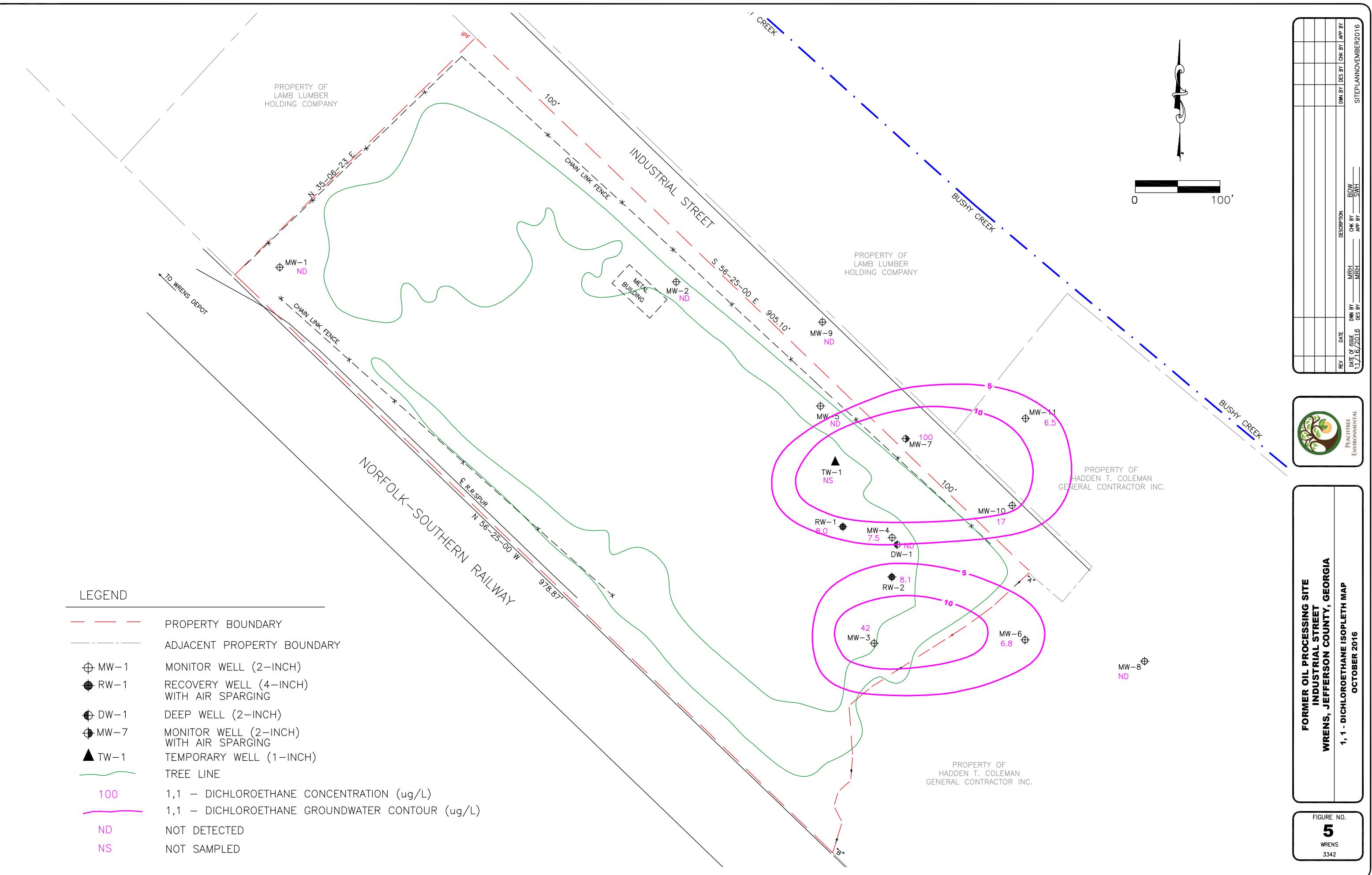
FIGURE NO.
3
WRENS
3342

LEGEND

- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- MONITOR WELL (2-INCH)
- RECOVERY WELL (4-INCH)
WITH AIR SPARGING
- DEEP WELL (2-INCH)
- MONITOR WELL (2-INCH)
WITH AIR SPARGING
- TEMPORARY WELL (1-INCH)
- TREE LINE
- GROUNDWATER ELEVATION (IN FEET)
- GROUNDWATER TABLE CONTOUR (IN FEET)
(DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION







SITE PLAN NOVEMBER 2016	
REV DATE	MRH BY
DATE OF ISSUE 11/16/2016	MRH DES BY
DW BY	EDW
CHK BY	SWH
APP BY	MRH
DESCRIPTION	

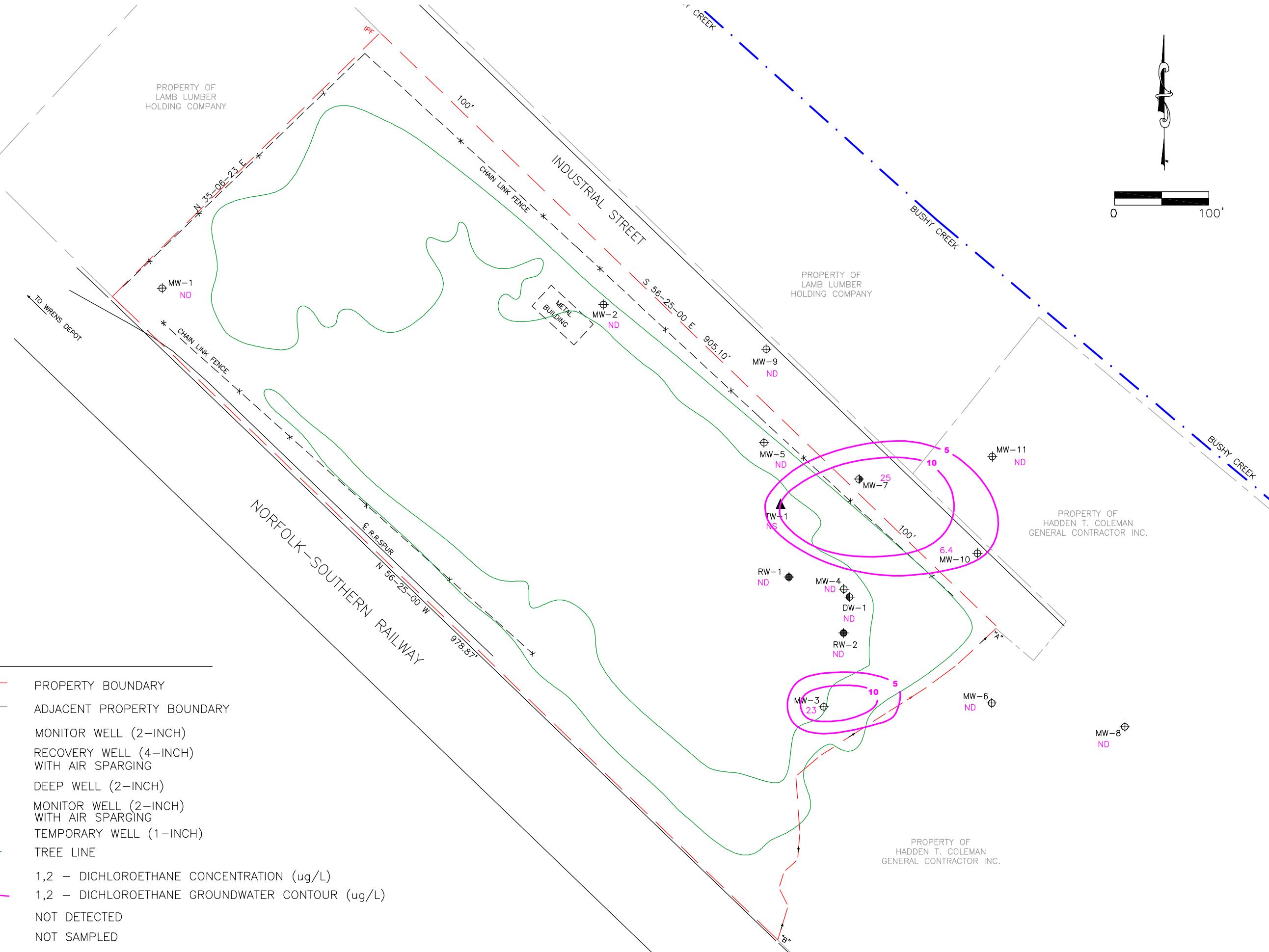


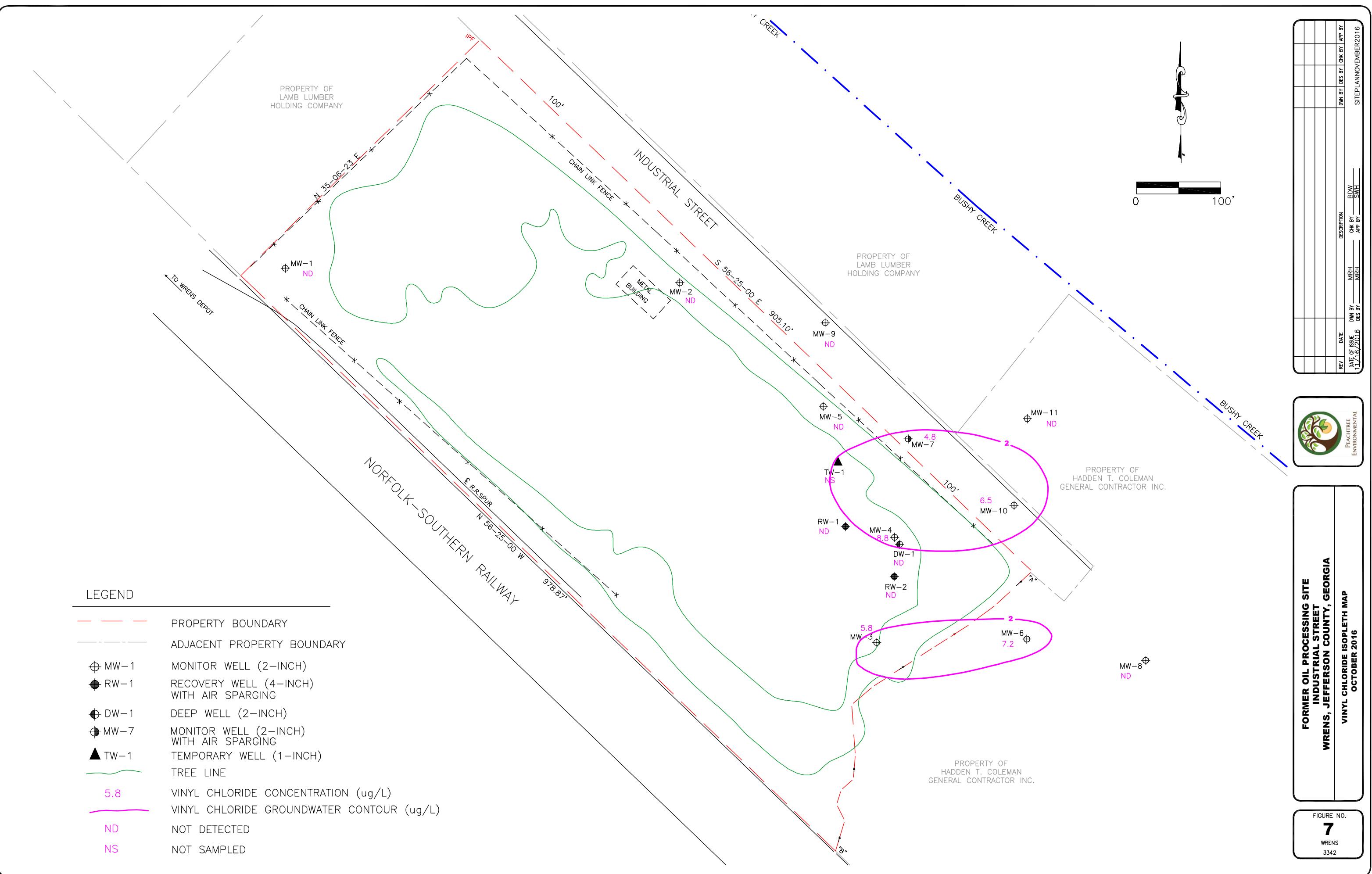
**FORMER OIL PROCESSING SITE
INDUSTRIAL STREET
WRENS, JEFFERSON COUNTY, GEORGIA**
1,2 - DICHLOROETHANE ISOPLETH MAP
OCTOBER 2016

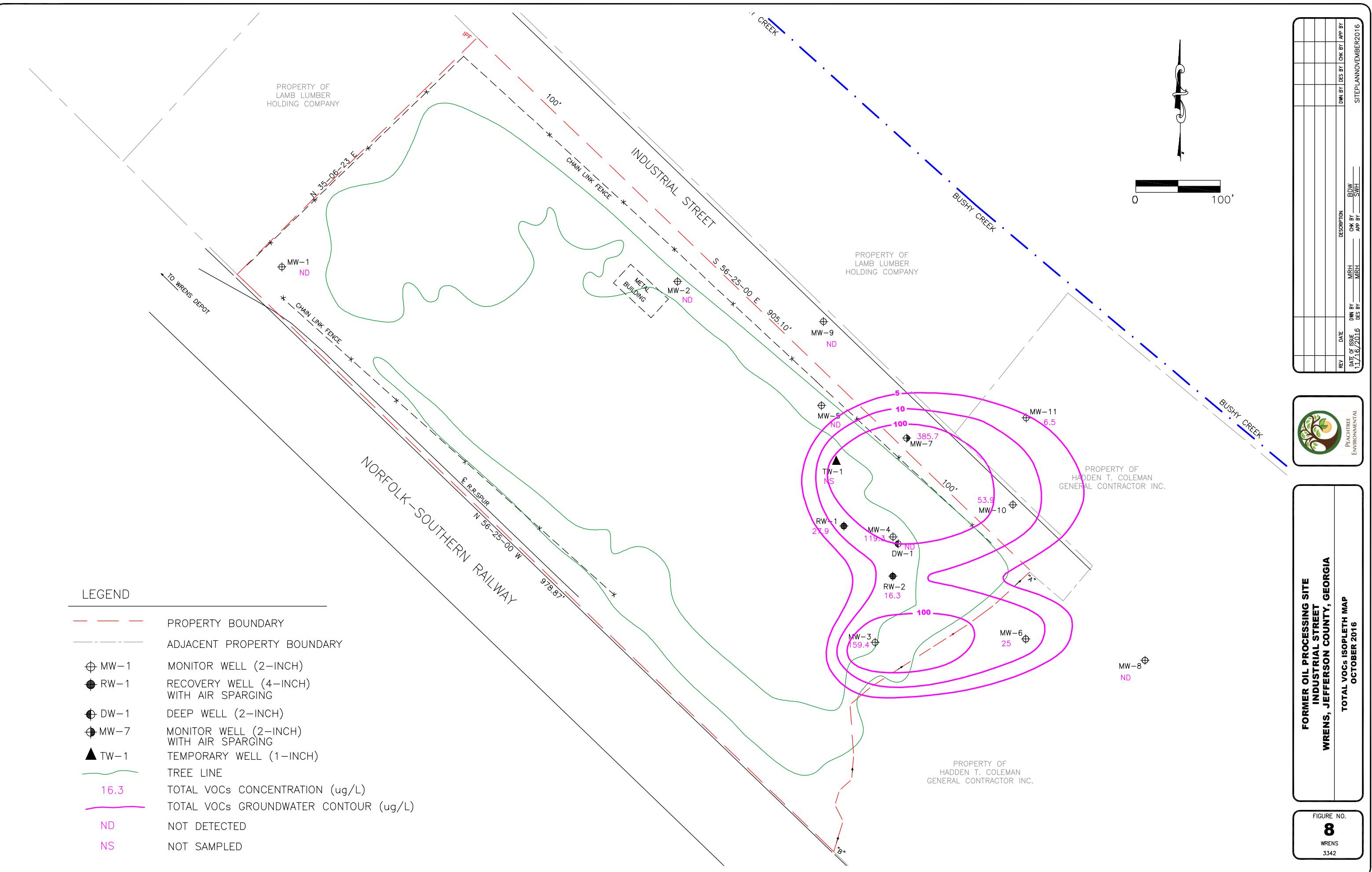
FIGURE NO.
6
WRENS
3342

LEGEND

- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- MONITOR WELL (2-INCH)
- RECOVERY WELL (4-INCH)
WITH AIR SPARGING
- DEEP WELL (2-INCH)
- MONITOR WELL (2-INCH)
WITH AIR SPARGING
- TEMPORARY WELL (1-INCH)
- TREE LINE
- 1,2 - DICHLOROETHANE CONCENTRATION (ug/L)
- 1,2 - DICHLOROETHANE GROUNDWATER CONTOUR (ug/L)
- NOT DETECTED
- NOT SAMPLED









PEACHTREE
ENVIRONMENTAL

APPENDIX A

LABORATORY ANALYTICAL REPORTS



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 27, 2012

Chuck Hill
Dobbs Environmental
PO Box 3020
Covington GA 30015

TEL: (770) 786-2338
FAX: (770) 786-2397

RE: THGC-Wrens LLC

Dear Chuck Hill:

Order No: 1203G21

Analytical Environmental Services, Inc. received 1 samples on March 19, 2012 2:20 pm for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/11-06/30/12.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

A handwritten signature in black ink, appearing to read "James Forrest".

James Forrest
Project Manager



CHAIN OF CUSTODY

Work Order:

1203621

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

3785 Presidential Parkway, Atlanta GA 30340-3704

Date: 03-14-12 Page 1 of 1

COMPANY Dobbs Environmental
ADDRESS PO Box 3020
 Covington GA 30015

PHONE (7) 286 - 2338
SAMPLED BY CSHill

FAX (7) 286 - 2397
SIGNATURE CSHill

#	SAMPLE ID	ANALYSIS REQUESTED			REMARKS
		DATE	TIME	GRAB	
1	MW-11 (Oil Phase)	03/14/12	0900	X	Oil X X X X
2	MW-11 (Water Phase)	03/14/12	0900	X	GW X X X X
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
RELINQUISHED BY		DATE/TIME RECEIVED BY	DATE/TIME	PROJECT INFORMATION	RECEIPT
1: CSHill 03-14-12		1: CSHill	2: 3/14/12	PROJECT NAME: HAC WRENS LLC	Total # of Containers 2
2:		2: 3/14/12	2: 3/14/12	PROJECT #: 2-20	Turnaround Time Request
3:		3:	3:	SITE ADDRESS: WRENS, GA	Standard 5 Business Days
4:		4:	4:	PROJECT #: CS1411	2 Business Day Rush
5:		5:	5:	SEND REPORT TO: CS1411	Next Business Day Rush
6:		6:	6:	INVOICE TO: (IF DIFFERENT FROM ABOVE)	Other _____
7:		7:	7:	SHIPMENT METHOD	Same Day Rush (auth req.)
8:		8:	8:	OUT / IN CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER	E-mail? Y / N, Fax? Y / N
9:		9:	9:	QUOTE #: PO#:	DATA PACKAGE: I II III IV
<p>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.</p> <p>SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.</p>					

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 Copy - Original; Yellow Copy - Client

Client: Dobbs Environmental
Project: THGC-Wrens LLC
Lab ID: 1203G21

Case Narrative

Semi-Volatile Organics Analysis by Method 8270D:

Due to sample matrix, sample 1203G21-001A required dilution during analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc
Date: 28-Mar-12

Client:	Dobbs Environmental	Client Sample ID:	MW-11 (OIL PHASE)					
Project Name:	THGC-Wrens LLC	Collection Date:	3/19/2012 9:00:00 AM					
Lab ID:	1203G21-001	Matrix:	Waste					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Mercury - Waste SW7471B		(SW7471B)						
Mercury	BRL	0.0990		mg/Kg	159429	1	03/26/2012 15:04	MW
TCL-SEMOVOLATILE ORGANICS SW8270D		(SW3580A)						
1,1'-Biphenyl	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2,4,5-Trichlorophenol	BRL	2500		mg/Kg	159341	5	03/23/2012 11:53	YH
2,4,6-Trichlorophenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2,4-Dichlorophenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2,4-Dimethylphenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2,4-Dinitrophenol	BRL	2500		mg/Kg	159341	5	03/23/2012 11:53	YH
2,4-Dinitrotoluene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2,6-Dinitrotoluene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2-Chloronaphthalene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2-Chlorophenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2-Methylnaphthalene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2-Methylphenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
2-Nitroaniline	BRL	2500		mg/Kg	159341	5	03/23/2012 11:53	YH
2-Nitrophenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
3,3'-Dichlorobenzidine	BRL	3300		mg/Kg	159341	5	03/23/2012 11:53	YH
3-Nitroaniline	BRL	2500		mg/Kg	159341	5	03/23/2012 11:53	YH
4,6-Dinitro-2-methylphenol	BRL	2500		mg/Kg	159341	5	03/23/2012 11:53	YH
4-Bromophenyl phenyl ether	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
4-Chloro-3-methylphenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
4-Chloroaniline	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
4-Chlorophenyl phenyl ether	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
4-Methylphenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
4-Nitroaniline	BRL	2500		mg/Kg	159341	5	03/23/2012 11:53	YH
4-Nitrophenol	BRL	2500		mg/Kg	159341	5	03/23/2012 11:53	YH
Acenaphthene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Acenaphthylene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Acetophenone	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Anthracene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Atrazine	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Benz(a)anthracene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Benzaldehyde	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Benzo(a)pyrene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Benzo(b)fluoranthene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Benzo(g,h,i)perylene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Benzo(k)fluoranthene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Bis(2-chloroethoxy)methane	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Bis(2-chloroethyl)ether	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Bis(2-chloroisopropyl)ether	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH

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: 28-Mar-12

Client:	Dobbs Environmental	Client Sample ID:	MW-11 (OIL PHASE)
Project Name:	THGC-Wrens LLC	Collection Date:	3/19/2012 9:00:00 AM
Lab ID:	1203G21-001	Matrix:	Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMITOLATILE ORGANICS SW8270D		(SW3580A)						
Bis(2-ethylhexyl)phthalate	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Butyl benzyl phthalate	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Caprolactam	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Carbazole	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Chrysene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Di-n-butyl phthalate	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Di-n-octyl phthalate	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Dibenz(a,h)anthracene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Dibenzofuran	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Diethyl phthalate	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Dimethyl phthalate	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Fluoranthene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Fluorene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Hexachlorobenzene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Hexachlorobutadiene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Hexachlorocyclopentadiene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Hexachloroethane	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Indeno(1,2,3-cd)pyrene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Isophorone	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
N-Nitrosodi-n-propylamine	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
N-Nitrosodiphenylamine	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Naphthalene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Nitrobenzene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Pentachlorophenol	BRL	2500		mg/Kg	159341	5	03/23/2012 11:53	YH
Phenanthrene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Phenol	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Pyrene	BRL	500		mg/Kg	159341	5	03/23/2012 11:53	YH
Surr: 2,4,6-Tribromophenol	77.5	51-152		%REC	159341	5	03/23/2012 11:53	YH
Surr: 2-Fluorobiphenyl	98.8	67.4-140		%REC	159341	5	03/23/2012 11:53	YH
Surr: 2-Fluorophenol	83.4	60.6-151		%REC	159341	5	03/23/2012 11:53	YH
Surr: 4-Terphenyl-d14	101	61.9-153		%REC	159341	5	03/23/2012 11:53	YH
Surr: Nitrobenzene-d5	86.5	50.2-154		%REC	159341	5	03/23/2012 11:53	YH
Surr: Phenol-d5	82.2	63.4-150		%REC	159341	5	03/23/2012 11:53	YH
POLYCHLORINATED BIPHENYLS SW8082A		(SW3580)						
Aroclor 1016	BRL	0.99		mg/Kg	159342	1	03/23/2012 15:23	SN
Aroclor 1221	BRL	0.99		mg/Kg	159342	1	03/23/2012 15:23	SN
Aroclor 1232	BRL	0.99		mg/Kg	159342	1	03/23/2012 15:23	SN
Aroclor 1242	5.3	0.99		mg/Kg	159342	1	03/23/2012 15:23	SN
Aroclor 1248	BRL	0.99		mg/Kg	159342	1	03/23/2012 15:23	SN
Aroclor 1254	BRL	0.99		mg/Kg	159342	1	03/23/2012 15:23	SN

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: 28-Mar-12

Client:	Dobbs Environmental	Client Sample ID:	MW-11 (OIL PHASE)					
Project Name:	THGC-Wrens LLC	Collection Date:	3/19/2012 9:00:00 AM					
Lab ID:	1203G21-001	Matrix:	Waste					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
POLYCHLORINATED BIPHENYLS SW8082A		(SW3580)						
Aroclor 1260	BRL	0.99		mg/Kg	159342	1	03/23/2012 15:23	SN
Surr: Decachlorobiphenyl	92.8	38.1-164		%REC	159342	1	03/23/2012 15:23	SN
Surr: Tetrachloro-m-xylene	119	43.4-171		%REC	159342	1	03/23/2012 15:23	SN
METALS, TOTAL SW6010C		(SW3050B)						
Arsenic	BRL	4.9		mg/Kg	159290	1	03/23/2012 12:54	TA
Barium	BRL	4.9		mg/Kg	159290	1	03/23/2012 12:54	TA
Cadmium	BRL	2.4		mg/Kg	159290	1	03/23/2012 12:54	TA
Chromium	BRL	2.4		mg/Kg	159290	1	03/23/2012 12:54	TA
Lead	BRL	4.9		mg/Kg	159290	1	03/23/2012 12:54	TA
Selenium	BRL	4.9		mg/Kg	159290	1	03/23/2012 12:54	TA
Silver	BRL	2.4		mg/Kg	159290	1	03/23/2012 12:54	TA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Dobbs

Work Order Number 1203G21

Checklist completed by PET Date 3/20/12

Carrier name: FedEx UPS Courier Client US Mail Other

Shipping container/cooler in good condition? Yes No Not Present

Custody seals intact on shipping container/cooler? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Container/Temp Blank temperature in compliance? (4°C±2)* Yes No

Cooler #1 3.4 °C Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

Proceed with Standard TAT as per project history? Yes No Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes No

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by PET

Sample Condition: Good Other(Explain) _____

(For diffusive samples or AlHA 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.

Client:	Dobbs Environmental							
Project:	THGC-Wrens LLC							
Lab Order:	1203G21							

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1203G21-001A	MW-11 (OIL PHASE)	3/19/2012 9:00:00AM	Waste	TOTAL METALS BY ICP	03/22/2012	03/23/2012	
1203G21-001A	MW-11 (OIL PHASE)	3/19/2012 9:00:00AM	Waste	Total Mercury - Waste	03/26/2012	03/26/2012	
1203G21-001A	MW-11 (OIL PHASE)	3/19/2012 9:00:00AM	Waste	POLYCHLORINATED BIPHENYLS	03/23/2012	03/23/2012	
1203G21-001A	MW-11 (OIL PHASE)	3/19/2012 9:00:00AM	Waste	POLYNUCLEAR AROMATIC HYDROCARBONS	03/23/2012	03/23/2012	
1203G21-001A	MW-11 (OIL PHASE)	3/19/2012 9:00:00AM	Waste	TCL-SEMICVOLATILE ORGANICS	03/23/2012	03/23/2012	

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159290**

Sample ID: MB-159290	Client ID:				Units: mg/Kg	Prep Date: 03/22/2012	Run No: 217729				
SampleType: MLBK	TestCode: METALS, TOTAL	SW6010C			BatchID: 159290	Analysis Date: 03/23/2012	Seq No: 4552015				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.0	0	0	0	0	0	0	0	0	0
Barium	BRL	5.0	0	0	0	0	0	0	0	0	0
Cadmium	BRL	2.5	0	0	0	0	0	0	0	0	0
Chromium	BRL	2.5	0	0	0	0	0	0	0	0	0
Lead	BRL	5.0	0	0	0	0	0	0	0	0	0
Selenium	BRL	5.0	0	0	0	0	0	0	0	0	0
Silver	BRL	2.5	0	0	0	0	0	0	0	0	0

Sample ID: LCS-159290	Client ID:				Units: mg/Kg	Prep Date: 03/22/2012	Run No: 217729				
SampleType: LCS	TestCode: METALS, TOTAL	SW6010C			BatchID: 159290	Analysis Date: 03/23/2012	Seq No: 4552014				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	49.65	5.0	50	0	99.3	80	120	0	0	0	0
Barium	51.43	5.0	50	0	103	80	120	0	0	0	0
Cadmium	49.93	2.5	50	0	99.9	80	120	0	0	0	0
Chromium	52.50	2.5	50	0	105	80	120	0	0	0	0
Lead	50.48	5.0	50	0	101	80	120	0	0	0	0
Selenium	48.86	5.0	50	0	97.7	80	120	0	0	0	0
Silver	5.023	2.5	5	0	100	80	120	0	0	0	0

Sample ID: 1203G21-001AMS	Client ID: MW-11 (OIL PHASE)				Units: mg/Kg	Prep Date: 03/22/2012	Run No: 217729				
SampleType: MS	TestCode: METALS, TOTAL	SW6010C			BatchID: 159290	Analysis Date: 03/23/2012	Seq No: 4552020				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	47.22	4.9	48.64	0	97.1	75	125	0	0	0	0
Barium	49.06	4.9	48.64	0	101	75	125	0	0	0	0
Cadmium	47.28	2.4	48.64	0	97.2	75	125	0	0	0	0
Chromium	50.60	2.4	48.64	0	104	75	125	0	0	0	0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159290**

Sample ID: 1203G21-001AMS	Client ID: MW-11 (OIL RHASE)	Units: mg/Kg	Prep Date: 03/22/2012	Run No: 217729						
SampleType: MS	TestCode: METALS, TOTAL SW6010C	BatchID: 159290	Analysis Date: 03/23/2012	Seq No: 4552020						
Analyte Result RPT Limit SPK value SPK Ref Val %REC Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual										
Lead	47.74	4.9	48.64	0	98.2	75	125	0	0	0
Selenium	47.40	4.9	48.64	0	97.4	75	125	0	0	0
Silver	4.715	2.4	4.864	0	96.9	75	125	0	0	0
Sample ID: 1203G21-001AMSD	Client ID: MW-11 (OIL RHASE)	Units: mg/Kg	Prep Date: 03/22/2012	Run No: 217729						
SampleType: MSD	TestCode: METALS, TOTAL SW6010C	BatchID: 159290	Analysis Date: 03/23/2012	Seq No: 4552021						
Analyte Result RPT Limit SPK value SPK Ref Val %REC Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual										
Arsenic	49.13	4.9	48.9	0	100	75	125	47.22	3.95	20
Barium	50.98	4.9	48.9	0	104	75	125	49.06	3.85	20
Cadmium	49.10	2.4	48.9	0	100	75	125	47.28	3.77	20
Chromium	52.60	2.4	48.9	0	108	75	125	50.60	3.87	20
Lead	49.32	4.9	48.9	0	101	75	125	47.74	3.25	20
Selenium	49.72	4.9	48.9	0	102	75	125	47.40	4.79	20
Silver	4.869	2.4	4.89	0	99.6	75	125	4.715	3.21	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: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159341**

Sample ID: MB-159341	Client ID:	Units: mg/Kg			Prep Date:	03/23/2012	Run No: 217701				
SampleType: MLBK	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D	BatchID: 159341			Analysis Date:	03/23/2012	Seq No: 4551523				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1'-Biphenyl	BRL	100	0	0	0	0	0	0	0	0	
2,4,5-Trichlorophenol	BRL	500	0	0	0	0	0	0	0	0	
2,4,6-Trichlorophenol	BRL	100	0	0	0	0	0	0	0	0	
2,4-Dichlorophenol	BRL	100	0	0	0	0	0	0	0	0	
2,4-Dimethylphenol	BRL	100	0	0	0	0	0	0	0	0	
2,4-Dinitrophenol	BRL	500	0	0	0	0	0	0	0	0	
2,4-Dinitrotoluene	BRL	100	0	0	0	0	0	0	0	0	
2,6-Dinitrotoluene	BRL	100	0	0	0	0	0	0	0	0	
2-Chloronaphthalene	BRL	100	0	0	0	0	0	0	0	0	
2-Chlorophenol	BRL	100	0	0	0	0	0	0	0	0	
2-Methylnaphthalene	BRL	100	0	0	0	0	0	0	0	0	
2-Methylphenol	BRL	100	0	0	0	0	0	0	0	0	
2-Nitroaniline	BRL	500	0	0	0	0	0	0	0	0	
2-Nitrophenol	BRL	100	0	0	0	0	0	0	0	0	
3,3'-Dichlorobenzidine	BRL	670	0	0	0	0	0	0	0	0	
3-Nitroaniline	BRL	500	0	0	0	0	0	0	0	0	
4,6-Dinitro-2-methylphenol	BRL	500	0	0	0	0	0	0	0	0	
4-Bromophenyl phenyl ether	BRL	100	0	0	0	0	0	0	0	0	
4-Chloro-3-methylphenol	BRL	100	0	0	0	0	0	0	0	0	
4-Chloroaniline	BRL	100	0	0	0	0	0	0	0	0	
4-Chlorophenyl phenyl ether	BRL	100	0	0	0	0	0	0	0	0	
4-Methylphenol	BRL	100	0	0	0	0	0	0	0	0	
4-Nitroaniline	BRL	500	0	0	0	0	0	0	0	0	
4-Nitrophenol	BRL	500	0	0	0	0	0	0	0	0	
Acenaphthene	BRL	100	0	0	0	0	0	0	0	0	
Acenaphthylene	BRL	100	0	0	0	0	0	0	0	0	
Acetophenone	BRL	100	0	0	0	0	0	0	0	0	

Qualifiers: > Greater than Result value

< Less than Result value

B Analyte detected in the associated method blank

BRL Below reporting limit

E Estimated (value above quantitation range)

H Holding times for preparation or analysis exceeded

J Estimated value detected below Reporting Limit

N Analyte not NELAC certified

R RPD outside limits due to matrix

Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159341**

Sample ID: MB-159341	Client ID:	Units: mg/Kg			Prep Date:	03/23/2012	Run No: 217701				
SampleType: MLBK	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D	BatchID: 159341			Analysis Date:	03/23/2012	Seq No: 4551523				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	100	0	0	0	0	0	0	0	0	
Atrazine	BRL	100	0	0	0	0	0	0	0	0	
Benz(a)anthracene	BRL	100	0	0	0	0	0	0	0	0	
Benzaldehyde	BRL	100	0	0	0	0	0	0	0	0	
Benzo(a)pyrene	BRL	100	0	0	0	0	0	0	0	0	
Benzo(b)fluoranthene	BRL	100	0	0	0	0	0	0	0	0	
Benzo(g,h,i)perylene	BRL	100	0	0	0	0	0	0	0	0	
Benzo(k)fluoranthene	BRL	100	0	0	0	0	0	0	0	0	
Bis(2-chloroethoxy)methane	BRL	100	0	0	0	0	0	0	0	0	
Bis(2-chloroethyl)ether	BRL	100	0	0	0	0	0	0	0	0	
Bis(2-chloroisopropyl)ether	BRL	100	0	0	0	0	0	0	0	0	
Bis(2-ethylhexyl)phthalate	BRL	100	0	0	0	0	0	0	0	0	
Butyl benzyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Caprolactam	BRL	100	0	0	0	0	0	0	0	0	
Carbazole	BRL	100	0	0	0	0	0	0	0	0	
Chrysene	BRL	100	0	0	0	0	0	0	0	0	
Di-n-butyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Di-n-octyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Dibenz(a,h)anthracene	BRL	100	0	0	0	0	0	0	0	0	
Dibenzofuran	BRL	100	0	0	0	0	0	0	0	0	
Diethyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Dimethyl phthalate	BRL	100	0	0	0	0	0	0	0	0	
Fluoranthene	BRL	100	0	0	0	0	0	0	0	0	
Fluorene	BRL	100	0	0	0	0	0	0	0	0	
Hexachlorobenzene	BRL	100	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	BRL	100	0	0	0	0	0	0	0	0	
Hexachlorocyclopentadiene	BRL	100	0	0	0	0	0	0	0	0	

Qualifiers: > Greater than Result value

< Less than Result value

B Analyte detected in the associated method blank

BRL Below reporting limit

E Estimated (value above quantitation range)

H Holding times for preparation or analysis exceeded

J Estimated value detected below Reporting Limit

N Analyte not NELAC certified

R RPD outside limits due to matrix

Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159341**

Sample ID: MB-159341	Client ID:				Units: mg/Kg	Prep Date: 03/23/2012	Run No: 217701				
SampleType: MLBK	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D				BatchID: 159341	Analysis Date: 03/23/2012	Seq No: 4551523				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	100	0	0	0	0	0	0	0	0	0
Indeno(1,2,3-cd)pyrene	BRL	100	0	0	0	0	0	0	0	0	0
Isophorone	BRL	100	0	0	0	0	0	0	0	0	0
N-Nitrosodi-n-propylamine	BRL	100	0	0	0	0	0	0	0	0	0
N-Nitrosodiphenylamine	BRL	100	0	0	0	0	0	0	0	0	0
Naphthalene	BRL	100	0	0	0	0	0	0	0	0	0
Nitrobenzene	BRL	100	0	0	0	0	0	0	0	0	0
Pentachlorophenol	BRL	500	0	0	0	0	0	0	0	0	0
Phenanthren	BRL	100	0	0	0	0	0	0	0	0	0
Phenol	BRL	100	0	0	0	0	0	0	0	0	0
Pyrene	BRL	100	0	0	0	0	0	0	0	0	0
Surr: 2,4,6-Tribromophenol	1036	0	1000	0	104	51	152	0	0	0	0
Surr: 2-Fluorobiphenyl	519.4	0	500	0	104	67.4	140	0	0	0	0
Surr: 2-Fluorophenol	966.7	0	1000	0	96.7	60.6	151	0	0	0	0
Surr: 4-Terphenyl-d14	575.1	0	500	0	115	61.9	153	0	0	0	0
Surr: Nitrobenzene-d5	482.2	0	500	0	96.4	50.2	154	0	0	0	0
Surr: Phenol-d5	953.5	0	1000	0	95.4	63.4	150	0	0	0	0

Sample ID: LCS-159341	Client ID:				Units: mg/Kg	Prep Date: 03/23/2012	Run No: 217701				
SampleType: LCS	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D				BatchID: 159341	Analysis Date: 03/23/2012	Seq No: 4551519				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	1171	100	1000	0	117	71.8	130	0	0	0	0
2-Chlorophenol	1166	100	1000	0	117	85.9	131	0	0	0	0
4-Chloro-3-methylphenol	1118	100	1000	0	112	71.1	125	0	0	0	0
4-Nitrophenol	803.6	500	1000	0	80.4	52.8	129	0	0	0	0
Acenaphthene	1148	100	1000	0	115	75.1	140	0	0	0	0
N-Nitrosodi-n-propylamine	1115	100	1000	0	112	76.9	153	0	0	0	0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159341**

Sample ID: LCS-159341	Client ID:	Units: mg/Kg			Prep Date:	03/23/2012	Run No: 217701				
SampleType: LCS	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D	BatchID: 159341			Analysis Date:	03/23/2012	Seq No: 4551519				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	917.9	500	1000	0	91.8	50.3	133	0	0	0	
Phenol	991.1	100	1000	0	99.1	79.7	127	0	0	0	
Pyrene	1284	100	1000	0	128	72.4	157	0	0	0	
Surr: 2,4,6-Tribromophenol	1259	0	1000	0	126	51	152	0	0	0	
Surr: 2-Fluorobiphenyl	602.1	0	500	0	120	67.4	140	0	0	0	
Surr: 2-Fluorophenol	1111	0	1000	0	111	60.6	151	0	0	0	
Surr: 4-Terphenyl-d14	662.8	0	500	0	133	61.9	153	0	0	0	
Surr: Nitrobenzene-d5	555.8	0	500	0	111	50.2	154	0	0	0	
Surr: Phenol-d5	1069	0	1000	0	107	63.4	150	0	0	0	

Sample ID: 1203I68-007BMS	Client ID:	Units: mg/Kg			Prep Date:	03/23/2012	Run No: 217701				
SampleType: MS	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D	BatchID: 159341			Analysis Date:	03/23/2012	Seq No: 4552538				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	753.0	500	990.1	0	76	35.3	134	0	0	0	
2-Chlorophenol	946.5	500	990.1	0	95.6	64.8	139	0	0	0	
4-Chloro-3-methylphenol	953.5	500	990.1	0	96.3	52.6	138	0	0	0	
4-Nitrophenol	BRL	2500	990.1	0	75.5	32.1	128	0	0	0	
Acenaphthene	977.2	500	990.1	0	98.7	60.4	150	0	0	0	
N-Nitrosodi-n-propylamine	927.2	500	990.1	0	93.6	66	157	0	0	0	
Pentachlorophenol	BRL	2500	990.1	0	43.4	30.8	130	0	0	0	
Phenol	800.0	500	990.1	0	80.8	55.6	135	0	0	0	
Pyrene	1048	500	990.1	0	106	51.9	157	0	0	0	
Surr: 2,4,6-Tribromophenol	953.5	0	990.1	0	96.3	51	152	0	0	0	
Surr: 2-Fluorobiphenyl	483.7	0	495	0	97.7	67.4	140	0	0	0	
Surr: 2-Fluorophenol	810.4	0	990.1	0	81.8	60.6	151	0	0	0	
Surr: 4-Terphenyl-d14	517.3	0	495	0	104	61.9	153	0	0	0	
Surr: Nitrobenzene-d5	442.6	0	495	0	89.4	50.2	154	0	0	0	

Qualifiers: > Greater than Result value

< Less than Result value

B Analyte detected in the associated method blank

BRL Below reporting limit

E Estimated (value above quantitation range)

H Holding times for preparation or analysis exceeded

J Estimated value detected below Reporting Limit

N Analyte not NELAC certified

R RPD outside limits due to matrix

Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159341**

Sample ID: 1203I68-007BMS	Client ID:				Units: mg/Kg	Prep Date: 03/23/2012	Run No: 217701				
SampleType: MS	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D				BatchID: 159341	Analysis Date: 03/23/2012	Seq No: 4552538				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	856.4	0	990.1	0	86.5	63.4	150	0	0	0	
Sample ID: 1203I68-007BMSD	Client ID:				Units: mg/Kg	Prep Date: 03/23/2012	Run No: 217701				
SampleType: MSD	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D				BatchID: 159341	Analysis Date: 03/23/2012	Seq No: 4552540				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	795.1	490	980.4	0	81.1	35.3	134	753.0	5.44	20.2	
2-Chlorophenol	917.6	490	980.4	0	93.6	64.8	139	946.5	3.1	21.5	
4-Chloro-3-methylphenol	957.8	490	980.4	0	97.7	52.6	138	953.5	0.458	24.9	
4-Nitrophenol	BRL	2500	980.4	0	90.2	32.1	128	747.5	0	22.9	
Acenaphthene	913.7	490	980.4	0	93.2	60.4	150	977.2	6.72	21.3	
N-Nitrosodi-n-propylamine	912.7	490	980.4	0	93.1	66	157	927.2	1.57	29.7	
Pentachlorophenol	BRL	2500	980.4	0	45.4	30.8	130	429.2	0	20	
Phenol	797.1	490	980.4	0	81.3	55.6	135	800.0	0.368	20.7	
Pyrene	1026	490	980.4	0	105	51.9	157	1048	2.03	26.8	
Surr: 2,4,6-Tribromophenol	886.3	0	980.4	0	90.4	51	152	953.5	0	0	
Surr: 2-Fluorobiphenyl	467.6	0	490.2	0	95.4	67.4	140	483.7	0	0	
Surr: 2-Fluorophenol	813.2	0	980.4	0	83	60.6	151	810.4	0	0	
Surr: 4-Terphenyl-d14	494.6	0	490.2	0	101	61.9	153	517.3	0	0	
Surr: Nitrobenzene-d5	437.7	0	490.2	0	89.3	50.2	154	442.6	0	0	
Surr: Phenol-d5	839.2	0	980.4	0	85.6	63.4	150	856.4	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159342**

Sample ID: MB-159342	Client ID:	Units: mg/Kg			Prep Date:	03/23/2012	Run No: 217784				
SampleType: MLBK	TestCode: POLYCHLORINATED BIPHENYLS SW8082A	BatchID: 159342			Analysis Date:	03/23/2012	Seq No: 4553337				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	BRL	1.0	0	0	0	0	0	0	0	0	0
Aroclor 1221	BRL	1.0	0	0	0	0	0	0	0	0	0
Aroclor 1232	BRL	1.0	0	0	0	0	0	0	0	0	0
Aroclor 1242	BRL	1.0	0	0	0	0	0	0	0	0	0
Aroclor 1248	BRL	1.0	0	0	0	0	0	0	0	0	0
Aroclor 1254	BRL	1.0	0	0	0	0	0	0	0	0	0
Aroclor 1260	BRL	1.0	0	0	0	0	0	0	0	0	0
Surr: Decachlorobiphenyl	0.6429	0	0.5	0	129	38.1	164	0	0	0	0
Surr: Tetrachloro-m-xylene	0.6440	0	0.5	0	129	43.4	171	0	0	0	0

Sample ID: LCS-159342	Client ID:	Units: mg/Kg			Prep Date:	03/23/2012	Run No: 217784				
SampleType: LCS	TestCode: POLYCHLORINATED BIPHENYLS SW8082A	BatchID: 159342			Analysis Date:	03/23/2012	Seq No: 4553339				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	6.509	1.0	5	0	130	84.9	156	0	0	0	0
Aroclor 1260	6.086	1.0	5	0	122	80.6	157	0	0	0	0
Surr: Decachlorobiphenyl	0.7321	0	0.5	0	146	38.1	164	0	0	0	0
Surr: Tetrachloro-m-xylene	0.7868	0	0.5	0	157	43.4	171	0	0	0	0

Sample ID: 1203I68-007AMS	Client ID:	Units: mg/Kg			Prep Date:	03/23/2012	Run No: 217784				
SampleType: MS	TestCode: POLYCHLORINATED BIPHENYLS SW8082A	BatchID: 159342			Analysis Date:	03/23/2012	Seq No: 4553347				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	5.348	0.99	4.95	0	108	51.2	164	0	0	0	0
Aroclor 1260	5.602	0.99	4.95	0	113	56.6	163	0	0	0	0
Surr: Decachlorobiphenyl	0.6180	0	0.495	0	125	38.1	164	0	0	0	0
Surr: Tetrachloro-m-xylene	0.6371	0	0.495	0	129	43.4	171	0	0	0	0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159342**

Sample ID: 1203I68-007AMSD	Client ID:				Units: mg/Kg	Prep Date: 03/23/2012	Run No: 217784				
SampleType: MSD	TestCode: POLYCHLORINATED BIPHENYLS SW8082A				BatchID: 159342	Analysis Date: 03/23/2012	Seq No: 4553348				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	5.371	0.98	4.902	0	110	51.2	164	5.348	0.438	31.2	
Aroclor 1260	5.637	0.98	4.902	0	115	56.6	163	5.602	0.625	31	
Surr: Decachlorobiphenyl	0.6168	0	0.4902	0	126	38.1	164	0.6180	0	0	
Surr: Tetrachloro-m-xylene	0.6311	0	0.4902	0	129	43.4	171	0.6371	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1203G21

ANALYTICAL QC SUMMARY REPORT**BatchID: 159429**

Sample ID: MB-159429	Client ID:				Units: mg/Kg	Prep Date: 03/26/2012	Run No: 217822				
SampleType: MLBK	TestCode: Total Mercury - Waste	SW7471B			BatchID: 159429	Analysis Date: 03/26/2012	Seq No: 4554090				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0	0	0
Sample ID: LCS-159429	Client ID:				Units: mg/Kg	Prep Date: 03/26/2012	Run No: 217822				
SampleType: LCS	TestCode: Total Mercury - Waste	SW7471B			BatchID: 159429	Analysis Date: 03/26/2012	Seq No: 4554092				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3885	0.100	0.4	0	97.1	80	120	0	0	0	0
Sample ID: 1203I68-007CMS	Client ID:				Units: mg/Kg	Prep Date: 03/26/2012	Run No: 217822				
SampleType: MS	TestCode: Total Mercury - Waste	SW7471B			BatchID: 159429	Analysis Date: 03/26/2012	Seq No: 4554095				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3978	0.0990	0.396	0	100	70	130	0	0	0	0
Sample ID: 1203I68-007CMSP	Client ID:				Units: mg/Kg	Prep Date: 03/26/2012	Run No: 217822				
SampleType: MSD	TestCode: Total Mercury - Waste	SW7471B			BatchID: 159429	Analysis Date: 03/26/2012	Seq No: 4554096				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4204	0.0990	0.396	0	106	70	130	0.3978	5.51	30	

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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 03, 2012

Chuck Hill
Dobbs Environmental
PO Box 3020
Covington GA 30015

TEL: (770) 786-2338
FAX: (770) 786-2397

RE: THGC-Wrens LLC

Dear Chuck Hill:

Order No: 1207H25

Analytical Environmental Services, Inc. received 27 samples on 7/26/2012 9:30:00 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 07/01/12-06/30/13.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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.

A handwritten signature in black ink, appearing to read "James Forrest".

James Forrest
Project Manager



COMPANY	THEC Wren's LLC		ADDRESS:	PO Box 3020 Conyers GA 30319	
PHONE:	(770) 286-2338		FAX:	(770) 286-2397	
SAMPLED BY:	CSH-11		SIGNATURE:	<i>CSh-11</i>	
			ANALYSIS REQUESTED		
#	SAMPLE ID	SAMPLED	DATE	TIME	Grab
1	MW-4 Duplicate	07-25-12	1205	X	GW
2	MW-6 Duplicate	07-25-12	1420	X	GW
3	MW-3	07-24-12	1635	X	GW
4	MW-4	07-24-12	1705	X	GW
5	MW-5	07-25-12	0830	X	GW
6	MW-6	07-25-12	0900	X	GW
7	MW-7	07-25-12	0930	X	GW
8	MW-8	07-25-12	0950	X	GW
9	SVE Upper Pre Carbon	07-25-12	1400	X	A
10	SVE Upper Post Carbon	07-25-12	1415	X	A
11	SVE Lower Pre Carbon	07-25-12	1430	X	X
12	SVE Lower Post Carbon	07-25-12	1445	X	A
13					
14					

RELINQUISHED BY	DATETIME RECEIVED BY	DATETIME	PROJECT NAME	PROJECT INFORMATION	RECEIPT
1: <i>CSh-11</i>	07-25-12	0930	1: Large P	7/26/12 9:30am	Total # of Containers
2:					76
3:					
SPECIAL INSTRUCTIONS/COMMENTS:			PROJECT INFORMATION		
OUT	SHIPMENT METHOD	VIA:	IN	SHIPMENT METHOD	VIA:
<i>07-25-12</i>	FEDEX	UPS MAIL COURIER	<i>07-25-12</i>	FEDEX	UPS MAIL COURIER
GREYHOUND	OTHER	<i>Haze</i>	GREYHOUND	OTHER	<i>Haze</i>

Turnaround Time Request
Standard 5 Business Days
2 Business Day Rush
Next Business Day Rush
Same Day Rush (part req)
Other
STATE PROGRAM (if any): <i>00000</i>
E-mail? Y/N: <i>0</i>
Fax? Y/N: <i>0</i>
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) WTW = Waste Water									
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+T = Sulfuric acid + ice S/M+I = Sodium Bisulfite/Methanol + ice O = Other (Specify) NA = None									
White Copy - Original; Yellow Copy - Client									

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (Specify) WTW = Waste Water
 PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+T = Sulfuric acid + ice S/M+I = Sodium Bisulfite/Methanol + ice O = Other (Specify) NA = None
 White Copy - Original; Yellow Copy - Client

Client: Dobbs Environmental
Project: THGC-Wrens LLC
Lab ID: 1207H25

Case Narrative

Sample Receiving Nonconformance:

Sample MW-4 DUPLICATE was listed on the chain of custody but not present.

Sample RW-2 included an extra set of VOAHCCL with RSKSOP-175 analysis requested on the CoC. This analysis was not indicated on the CoC nor is it a part of the project history. It was logged under 1207H22-005D per Chuck Hill via phone 7/25/2012.

Sample RW-2 DUPLICATE was not listed on the chain of custody but was present. Logged in for analysis per Chuck Hill via phone 7/25/2012.

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-1					
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 11:45:00 AM					
Lab ID:	1207H25-001	Matrix:	Groundwater					
<hr/>								
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,1-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 14:50	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 14:50	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 14:50	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 14:50	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 14:50	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 14:50	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 14:50	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 14:50	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-1					
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 11:45:00 AM					
Lab ID:	1207H25-001	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
(SW5030B)								
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/30/2012 14:50	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 14:50	DB
Surr: 4-Bromofluorobenzene	95.4	67.4-123	%REC		164476	1	07/30/2012 14:50	DB
Surr: Dibromofluoromethane	97.9	75.5-128	%REC		164476	1	07/30/2012 14:50	DB
Surr: Toluene-d8	97.3	70-120	%REC		164476	1	07/30/2012 14:50	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-2
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 1:30:00 PM
Lab ID:	1207H25-002	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,1-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 15:20	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 15:20	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 15:20	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 15:20	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 15:20	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 15:20	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 15:20	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 15:20	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-2					
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 1:30:00 PM					
Lab ID:	1207H25-002	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
(SW5030B)								
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/30/2012 15:20	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 15:20	DB
Surr: 4-Bromofluorobenzene	94.4	67.4-123	%REC		164476	1	07/30/2012 15:20	DB
Surr: Dibromofluoromethane	97.4	75.5-128	%REC		164476	1	07/30/2012 15:20	DB
Surr: Toluene-d8	96.7	70-120	%REC		164476	1	07/30/2012 15:20	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-3
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 3:30:00 PM
Lab ID:	1207H25-003	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,1-Dichloroethane	24	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,2-Dichloroethane	14	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 15:50	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 15:50	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 15:50	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 15:50	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 15:50	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 15:50	DB
cis-1,2-Dichloroethene	45	5.0		ug/L	164476	1	07/30/2012 15:50	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 15:50	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 15:50	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-3					
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 3:30:00 PM					
Lab ID:	1207H25-003	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
(SW5030B)								
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Vinyl chloride	15	2.0		ug/L	164476	1	07/30/2012 15:50	DB
1,2-Dichloroethene, Total	45	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 15:50	DB
Surr: 4-Bromofluorobenzene	96	67.4-123	%REC		164476	1	07/30/2012 15:50	DB
Surr: Dibromofluoromethane	97.5	75.5-128	%REC		164476	1	07/30/2012 15:50	DB
Surr: Toluene-d8	97.1	70-120	%REC		164476	1	07/30/2012 15:50	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-4					
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 5:05:00 PM					
Lab ID:	1207H25-004	Matrix:	Groundwater					
Volatile Organic Compounds by GC/MS SW8260B								
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
(SW5030B)								
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,1-Dichloroethane		18		ug/L	164476	1	07/30/2012 16:20	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,2-Dichloroethane		17		ug/L	164476	1	07/30/2012 16:20	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 16:20	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 16:20	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 16:20	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 16:20	DB
Benzene		7.9		ug/L	164476	1	07/30/2012 16:20	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 16:20	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 16:20	DB
cis-1,2-Dichloroethene		19		ug/L	164476	1	07/30/2012 16:20	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 16:20	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 16:20	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-4					
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 5:05:00 PM					
Lab ID:	1207H25-004	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
(SW5030B)								
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Tetrachloroethene		17	5.0	ug/L	164476	1	07/30/2012 16:20	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Trichloroethene		32	5.0	ug/L	164476	1	07/30/2012 16:20	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Vinyl chloride		160	2.0	ug/L	164476	1	07/30/2012 16:20	DB
1,2-Dichloroethene, Total		19	5.0	ug/L	164476	1	07/30/2012 16:20	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 16:20	DB
Surr: 4-Bromofluorobenzene		97.8	67.4-123	%REC	164476	1	07/30/2012 16:20	DB
Surr: Dibromofluoromethane		97.1	75.5-128	%REC	164476	1	07/30/2012 16:20	DB
Surr: Toluene-d8		98.2	70-120	%REC	164476	1	07/30/2012 16:20	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-5
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 1:37:00 PM
Lab ID:	1207H25-005	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,1-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 16:50	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 16:50	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 16:50	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 16:50	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 16:50	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 16:50	DB
cis-1,2-Dichloroethene		5.9		ug/L	164476	1	07/30/2012 16:50	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 16:50	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 16:50	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-5
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 1:37:00 PM
Lab ID:	1207H25-005	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Tetrachloroethene		6.4	5.0	ug/L	164476	1	07/30/2012 16:50	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/30/2012 16:50	DB
1,2-Dichloroethene, Total		5.9	5.0	ug/L	164476	1	07/30/2012 16:50	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 16:50	DB
Surr: 4-Bromofluorobenzene	93.5	67.4-123		%REC	164476	1	07/30/2012 16:50	DB
Surr: Dibromofluoromethane	99.3	75.5-128		%REC	164476	1	07/30/2012 16:50	DB
Surr: Toluene-d8	97.8	70-120		%REC	164476	1	07/30/2012 16:50	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-6					
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 2:20:00 PM					
Lab ID:	1207H25-006	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,1-Dichloroethane		6.4	5.0	ug/L	164476	1	07/30/2012 17:19	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 17:19	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 17:19	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 17:19	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 17:19	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 17:19	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 17:19	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 17:19	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 17:19	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-6
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 2:20:00 PM
Lab ID:	1207H25-006	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Vinyl chloride	6.2	2.0		ug/L	164476	1	07/30/2012 17:19	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 17:19	DB
Surr: 4-Bromofluorobenzene	96.4	67.4-123	%REC		164476	1	07/30/2012 17:19	DB
Surr: Dibromofluoromethane	96.1	75.5-128	%REC		164476	1	07/30/2012 17:19	DB
Surr: Toluene-d8	96.9	70-120	%REC		164476	1	07/30/2012 17:19	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-7
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 11:00:00 AM
Lab ID:	1207H25-007	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,1,2-Trichloroethane	37	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,1-Dichloroethane	270	50		ug/L	164476	10	08/01/2012 13:53	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,2-Dichlorobenzene	12	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,2-Dichloroethane	120	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,2-Dichloropropane	15	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 17:49	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 17:49	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 17:49	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 17:49	DB
Benzene	1400	50		ug/L	164476	10	08/01/2012 13:53	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Chlorobenzene	6.5	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 17:49	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 17:49	DB
cis-1,2-Dichloroethene	43	5.0		ug/L	164476	1	07/30/2012 17:49	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 17:49	DB
Ethylbenzene	60	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 17:49	DB
Isopropylbenzene	9.9	5.0		ug/L	164476	1	07/30/2012 17:49	DB
m,p-Xylene	36	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Methylcyclohexane	7.5	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Naphthalene	59	5.0		ug/L	164476	1	07/30/2012 17:49	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-7
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 11:00:00 AM
Lab ID:	1207H25-007	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	47	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Toluene	91	5.0		ug/L	164476	1	07/30/2012 17:49	DB
trans-1,2-Dichloroethene	6.3	5.0		ug/L	164476	1	07/30/2012 17:49	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Vinyl chloride	430	20		ug/L	164476	10	08/01/2012 13:53	DB
1,2-Dichloroethene, Total	49	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Xylenes, Total	83	5.0		ug/L	164476	1	07/30/2012 17:49	DB
Surr: 4-Bromofluorobenzene	98.9	67.4-123	%REC		164476	10	08/01/2012 13:53	DB
Surr: 4-Bromofluorobenzene	101	67.4-123	%REC		164476	1	07/30/2012 17:49	DB
Surr: Dibromofluoromethane	93.5	75.5-128	%REC		164476	1	07/30/2012 17:49	DB
Surr: Dibromofluoromethane	93.2	75.5-128	%REC		164476	10	08/01/2012 13:53	DB
Surr: Toluene-d8	96	70-120	%REC		164476	10	08/01/2012 13:53	DB
Surr: Toluene-d8	98.1	70-120	%REC		164476	1	07/30/2012 17:49	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-8
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 1:15:00 PM
Lab ID:	1207H25-008	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,1-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 18:19	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 18:19	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 18:19	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 18:19	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 18:19	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 18:19	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 18:19	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 18:19	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-8
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 1:15:00 PM
Lab ID:	1207H25-008	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/30/2012 18:19	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 18:19	DB
Surr: 4-Bromofluorobenzene	96.3	67.4-123	%REC		164476	1	07/30/2012 18:19	DB
Surr: Dibromofluoromethane	96.7	75.5-128	%REC		164476	1	07/30/2012 18:19	DB
Surr: Toluene-d8	96.3	70-120	%REC		164476	1	07/30/2012 18:19	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-9
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 1:55:00 PM
Lab ID:	1207H25-009	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,1-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 18:49	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 18:49	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 18:49	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 18:49	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 18:49	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 18:49	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 18:49	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 18:49	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-9
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 1:55:00 PM
Lab ID:	1207H25-009	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/30/2012 18:49	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 18:49	DB
Surr: 4-Bromofluorobenzene	95.3	67.4-123	%REC		164476	1	07/30/2012 18:49	DB
Surr: Dibromofluoromethane	97.8	75.5-128	%REC		164476	1	07/30/2012 18:49	DB
Surr: Toluene-d8	97	70-120	%REC		164476	1	07/30/2012 18:49	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-10					
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 11:45:00 AM					
Lab ID:	1207H25-010	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,1-Dichloroethane		13	5.0	ug/L	164476	1	07/30/2012 19:19	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,2-Dichloroethane		5.7	5.0	ug/L	164476	1	07/30/2012 19:19	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 19:19	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 19:19	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 19:19	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 19:19	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 19:19	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 19:19	DB
cis-1,2-Dichloroethene		19	5.0	ug/L	164476	1	07/30/2012 19:19	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 19:19	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 19:19	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-10					
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 11:45:00 AM					
Lab ID:	1207H25-010	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
(SW5030B)								
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Vinyl chloride		8.9	2.0	ug/L	164476	1	07/30/2012 19:19	DB
1,2-Dichloroethene, Total		19	5.0	ug/L	164476	1	07/30/2012 19:19	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 19:19	DB
Surr: 4-Bromofluorobenzene		96.3	67.4-123	%REC	164476	1	07/30/2012 19:19	DB
Surr: Dibromofluoromethane		96	75.5-128	%REC	164476	1	07/30/2012 19:19	DB
Surr: Toluene-d8		96.1	70-120	%REC	164476	1	07/30/2012 19:19	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-11					
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 11:45:00 AM					
Lab ID:	1207H25-011	Matrix:	Groundwater					
Volatile Organic Compounds by GC/MS SW8260B								
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
(SW5030B)								
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,1-Dichloroethane	46	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,2-Dichloroethane	14	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
2-Butanone	BRL	50		ug/L	164476	1	08/01/2012 14:23	DB
2-Hexanone	BRL	10		ug/L	164476	1	08/01/2012 14:23	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	08/01/2012 14:23	DB
Acetone	BRL	50		ug/L	164476	1	08/01/2012 14:23	DB
Benzene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Bromoform	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Bromomethane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Chloroethane	BRL	10		ug/L	164476	1	08/01/2012 14:23	DB
Chloroform	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Chloromethane	BRL	10		ug/L	164476	1	08/01/2012 14:23	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	08/01/2012 14:23	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Freon-113	BRL	10		ug/L	164476	1	08/01/2012 14:23	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Naphthalene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-11
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 11:45:00 AM
Lab ID:	1207H25-011	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Styrene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Toluene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	08/01/2012 14:23	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	08/01/2012 14:23	DB
Surr: 4-Bromofluorobenzene	98.9	67.4-123	%REC		164476	1	08/01/2012 14:23	DB
Surr: Dibromofluoromethane	93.5	75.5-128	%REC		164476	1	08/01/2012 14:23	DB
Surr: Toluene-d8	98.6	70-120	%REC		164476	1	08/01/2012 14:23	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	RW-1
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:00:00 AM
Lab ID:	1207H25-012	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,1-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 19:49	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 19:49	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 19:49	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 19:49	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 19:49	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 19:49	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 19:49	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 19:49	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	RW-1
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:00:00 AM
Lab ID:	1207H25-012	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/30/2012 19:49	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 19:49	DB
Surr: 4-Bromofluorobenzene	95.4	67.4-123	%REC		164476	1	07/30/2012 19:49	DB
Surr: Dibromofluoromethane	96	75.5-128	%REC		164476	1	07/30/2012 19:49	DB
Surr: Toluene-d8	96	70-120	%REC		164476	1	07/30/2012 19:49	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	RW-2					
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:10:00 AM					
Lab ID:	1207H25-013	Matrix:	Groundwater					
Volatile Organic Compounds by GC/MS SW8260B								
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
(SW5030B)								
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,1-Dichloroethane	49	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,2-Dichloroethane	13	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 20:19	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 20:19	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 20:19	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 20:19	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 20:19	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 20:19	DB
cis-1,2-Dichloroethene	31	5.0		ug/L	164476	1	07/30/2012 20:19	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 20:19	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 20:19	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	RW-2
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:10:00 AM
Lab ID:	1207H25-013	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Vinyl chloride	22	2.0		ug/L	164476	1	07/30/2012 20:19	DB
1,2-Dichloroethene, Total	31	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 20:19	DB
Surr: 4-Bromofluorobenzene	96.2	67.4-123	%REC		164476	1	07/30/2012 20:19	DB
Surr: Dibromofluoromethane	98.2	75.5-128	%REC		164476	1	07/30/2012 20:19	DB
Surr: Toluene-d8	98	70-120	%REC		164476	1	07/30/2012 20:19	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	DW-1
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 4:00:00 PM
Lab ID:	1207H25-014	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,1-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 20:49	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 20:49	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 20:49	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 20:49	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 20:49	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 20:49	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 20:49	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 20:49	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	DW-1
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 4:00:00 PM
Lab ID:	1207H25-014	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/30/2012 20:49	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 20:49	DB
Surr: 4-Bromofluorobenzene	92.7	67.4-123	%REC		164476	1	07/30/2012 20:49	DB
Surr: Dibromofluoromethane	98.2	75.5-128	%REC		164476	1	07/30/2012 20:49	DB
Surr: Toluene-d8	98.3	70-120	%REC		164476	1	07/30/2012 20:49	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-6 DUPLICATE
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 2:20:00 PM
Lab ID:	1207H25-016	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,1-Dichloroethane		6.2	5.0	ug/L	164476	1	07/30/2012 21:19	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 21:19	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 21:19	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 21:19	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 21:19	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 21:19	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 21:19	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 21:19	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 21:19	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	MW-6 DUPLICATE
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 2:20:00 PM
Lab ID:	1207H25-016	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Vinyl chloride	5.5	2.0		ug/L	164476	1	07/30/2012 21:19	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 21:19	DB
Surr: 4-Bromofluorobenzene	93.7	67.4-123	%REC		164476	1	07/30/2012 21:19	DB
Surr: Dibromofluoromethane	99	75.5-128	%REC		164476	1	07/30/2012 21:19	DB
Surr: Toluene-d8	97.5	70-120	%REC		164476	1	07/30/2012 21:19	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-3					
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 4:55:00 PM					
Lab ID:	1207H25-017	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B							(SW5030B)	
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,1,2,2-Tetrachloroethane		6.4	5.0	ug/L	164476	1	07/31/2012 04:47	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,1-Dichloroethane		22	5.0	ug/L	164476	1	07/31/2012 04:47	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,2-Dichloroethane		13	5.0	ug/L	164476	1	07/31/2012 04:47	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
2-Butanone	BRL	50		ug/L	164476	1	07/31/2012 04:47	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/31/2012 04:47	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/31/2012 04:47	DB
Acetone	BRL	50		ug/L	164476	1	07/31/2012 04:47	DB
Benzene		450	50	ug/L	164476	10	07/31/2012 12:31	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Chloroethane	BRL	10		ug/L	164476	1	07/31/2012 04:47	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Chloromethane	BRL	10		ug/L	164476	1	07/31/2012 04:47	DB
cis-1,2-Dichloroethene		110	5.0	ug/L	164476	1	07/31/2012 04:47	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/31/2012 04:47	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Freon-113	BRL	10		ug/L	164476	1	07/31/2012 04:47	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-3
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 4:55:00 PM
Lab ID:	1207H25-017	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Styrene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Toluene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Vinyl chloride	91	2.0		ug/L	164476	1	07/31/2012 04:47	DB
1,2-Dichloroethene, Total	110	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/31/2012 04:47	DB
Surr: 4-Bromofluorobenzene	92.4	67.4-123		%REC	164476	10	07/31/2012 12:31	DB
Surr: 4-Bromofluorobenzene	97.3	67.4-123		%REC	164476	1	07/31/2012 04:47	DB
Surr: Dibromofluoromethane	95.3	75.5-128		%REC	164476	1	07/31/2012 04:47	DB
Surr: Dibromofluoromethane	96.8	75.5-128		%REC	164476	10	07/31/2012 12:31	DB
Surr: Toluene-d8	94.7	70-120		%REC	164476	1	07/31/2012 04:47	DB
Surr: Toluene-d8	95.5	70-120		%REC	164476	10	07/31/2012 12:31	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-4
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 5:05:00 PM
Lab ID:	1207H25-018	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	23	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,1,2-Trichloroethane	5.2	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,1-Dichloroethane	75	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,1-Dichloroethene	15	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,2-Dichloropropane	5.9	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
2-Butanone	BRL	50		ug/L	164476	1	07/31/2012 05:17	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/31/2012 05:17	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/31/2012 05:17	DB
Acetone	BRL	50		ug/L	164476	1	07/31/2012 05:17	DB
Benzene	1000	50		ug/L	164476	10	07/31/2012 13:01	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Chloroethane	BRL	10		ug/L	164476	1	07/31/2012 05:17	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Chloromethane	BRL	10		ug/L	164476	1	07/31/2012 05:17	DB
cis-1,2-Dichloroethene	750	50		ug/L	164476	10	07/31/2012 13:01	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Cyclohexane	5.2	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/31/2012 05:17	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Freon-113	BRL	10		ug/L	164476	1	07/31/2012 05:17	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
m,p-Xylene	22	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Methylcyclohexane	7.2	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Naphthalene	46	5.0		ug/L	164476	1	07/31/2012 05:17	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-4
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012 5:05:00 PM
Lab ID:	1207H25-018	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	5.5	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Styrene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Tetrachloroethene	11	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Toluene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Trichloroethene	13	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Vinyl chloride	24	2.0		ug/L	164476	1	07/31/2012 05:17	DB
1,2-Dichloroethene, Total	750	50		ug/L	164476	10	07/31/2012 13:01	DB
Xylenes, Total	27	5.0		ug/L	164476	1	07/31/2012 05:17	DB
Surr: 4-Bromofluorobenzene	96.7	67.4-123		%REC	164476	10	07/31/2012 13:01	DB
Surr: 4-Bromofluorobenzene	101	67.4-123		%REC	164476	1	07/31/2012 05:17	DB
Surr: Dibromofluoromethane	92.9	75.5-128		%REC	164476	1	07/31/2012 05:17	DB
Surr: Dibromofluoromethane	96	75.5-128		%REC	164476	10	07/31/2012 13:01	DB
Surr: Toluene-d8	95.3	70-120		%REC	164476	1	07/31/2012 05:17	DB
Surr: Toluene-d8	97.2	70-120		%REC	164476	10	07/31/2012 13:01	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-5
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 8:30:00 AM
Lab ID:	1207H25-019	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,1-Dichloroethane	180	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,2-Dichlorobenzene	9.4	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,2-Dichloroethane	24	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
2-Butanone	BRL	50		ug/L	164476	1	07/31/2012 05:46	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/31/2012 05:46	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/31/2012 05:46	DB
Acetone	BRL	50		ug/L	164476	1	07/31/2012 05:46	DB
Benzene	58	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Chloroethane	BRL	10		ug/L	164476	1	07/31/2012 05:46	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Chloromethane	BRL	10		ug/L	164476	1	07/31/2012 05:46	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/31/2012 05:46	DB
Ethylbenzene	52	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Freon-113	BRL	10		ug/L	164476	1	07/31/2012 05:46	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
m,p-Xylene	19	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Naphthalene	72	5.0		ug/L	164476	1	07/31/2012 05:46	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-5
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 8:30:00 AM
Lab ID:	1207H25-019	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	14	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Styrene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Toluene	32	5.0		ug/L	164476	1	07/31/2012 05:46	DB
trans-1,2-Dichloroethene	5.1	5.0		ug/L	164476	1	07/31/2012 05:46	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/31/2012 05:46	DB
1,2-Dichloroethene, Total	5.1	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Xylenes, Total	33	5.0		ug/L	164476	1	07/31/2012 05:46	DB
Surr: 4-Bromofluorobenzene	100	67.4-123	%REC		164476	1	07/31/2012 05:46	DB
Surr: Dibromofluoromethane	95.3	75.5-128	%REC		164476	1	07/31/2012 05:46	DB
Surr: Toluene-d8	96.9	70-120	%REC		164476	1	07/31/2012 05:46	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-6
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:00:00 AM
Lab ID:	1207H25-020	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	120	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,1,2-Trichloroethane	5.6	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,1-Dichloroethane	31	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,1-Dichloroethene	13	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,2-Dichlorobenzene	6.6	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
2-Butanone	BRL	50		ug/L	164477	1	07/31/2012 06:16	DB
2-Hexanone	BRL	10		ug/L	164477	1	07/31/2012 06:16	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164477	1	07/31/2012 06:16	DB
Acetone	BRL	50		ug/L	164477	1	07/31/2012 06:16	DB
Benzene	560	50		ug/L	164477	10	07/31/2012 13:31	DB
Bromodichloromethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Bromoform	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Bromomethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Carbon disulfide	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Carbon tetrachloride	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Chlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Chloroethane	BRL	10		ug/L	164477	1	07/31/2012 06:16	DB
Chloroform	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Chloromethane	BRL	10		ug/L	164477	1	07/31/2012 06:16	DB
cis-1,2-Dichloroethene	350	50		ug/L	164477	10	07/31/2012 13:31	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Cyclohexane	6.7	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Dibromochloromethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Dichlorodifluoromethane	BRL	10		ug/L	164477	1	07/31/2012 06:16	DB
Ethylbenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Freon-113	BRL	10		ug/L	164477	1	07/31/2012 06:16	DB
Isopropylbenzene	6.6	5.0		ug/L	164477	1	07/31/2012 06:16	DB
m,p-Xylene	49	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Methyl acetate	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Methylcyclohexane	8.5	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Methylene chloride	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Naphthalene	87	5.0		ug/L	164477	1	07/31/2012 06:16	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-6
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:00:00 AM
Lab ID:	1207H25-020	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	110	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Styrene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Tetrachloroethene	22	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Toluene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Trichloroethene	45	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Vinyl chloride	BRL	2.0		ug/L	164477	1	07/31/2012 06:16	DB
1,2-Dichloroethene, Total	350	50		ug/L	164477	10	07/31/2012 13:31	DB
Xylenes, Total	160	5.0		ug/L	164477	1	07/31/2012 06:16	DB
Surr: 4-Bromofluorobenzene	99.5	67.4-123	%REC		164477	10	07/31/2012 13:31	DB
Surr: 4-Bromofluorobenzene	101	67.4-123	%REC		164477	1	07/31/2012 06:16	DB
Surr: Dibromofluoromethane	97.1	75.5-128	%REC		164477	1	07/31/2012 06:16	DB
Surr: Dibromofluoromethane	96.8	75.5-128	%REC		164477	10	07/31/2012 13:31	DB
Surr: Toluene-d8	97.3	70-120	%REC		164477	1	07/31/2012 06:16	DB
Surr: Toluene-d8	97.4	70-120	%REC		164477	10	07/31/2012 13:31	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-7
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:30:00 AM
Lab ID:	1207H25-021	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,1-Dichloroethane	130	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,2-Dichloroethane	37	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
2-Butanone	BRL	50		ug/L	164477	1	07/31/2012 06:46	DB
2-Hexanone	BRL	10		ug/L	164477	1	07/31/2012 06:46	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164477	1	07/31/2012 06:46	DB
Acetone	BRL	50		ug/L	164477	1	07/31/2012 06:46	DB
Benzene	14	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Bromodichloromethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Bromoform	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Bromomethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Carbon disulfide	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Carbon tetrachloride	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Chlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Chloroethane	BRL	10		ug/L	164477	1	07/31/2012 06:46	DB
Chloroform	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Chloromethane	BRL	10		ug/L	164477	1	07/31/2012 06:46	DB
cis-1,2-Dichloroethene	54	5.0		ug/L	164477	1	07/31/2012 06:46	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Cyclohexane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Dibromochloromethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Dichlorodifluoromethane	BRL	10		ug/L	164477	1	07/31/2012 06:46	DB
Ethylbenzene	6.0	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Freon-113	BRL	10		ug/L	164477	1	07/31/2012 06:46	DB
Isopropylbenzene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
m,p-Xylene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Methyl acetate	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Methylcyclohexane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Methylene chloride	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Naphthalene	6.0	5.0		ug/L	164477	1	07/31/2012 06:46	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-7					
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:30:00 AM					
Lab ID:	1207H25-021	Matrix:	Groundwater					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Styrene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Tetrachloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Toluene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Trichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Vinyl chloride	79	2.0		ug/L	164477	1	07/31/2012 06:46	DB
1,2-Dichloroethene, Total	54	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Xylenes, Total	BRL	5.0		ug/L	164477	1	07/31/2012 06:46	DB
Surr: 4-Bromofluorobenzene	96.9	67.4-123	%REC		164477	1	07/31/2012 06:46	DB
Surr: Dibromofluoromethane	96.2	75.5-128	%REC		164477	1	07/31/2012 06:46	DB
Surr: Toluene-d8	97.2	70-120	%REC		164477	1	07/31/2012 06:46	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-8
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:50:00 AM
Lab ID:	1207H25-022	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,1-Dichloroethane	99	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,2-Dichloroethane	42	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
2-Butanone	BRL	50		ug/L	164477	1	07/31/2012 07:15	DB
2-Hexanone	BRL	10		ug/L	164477	1	07/31/2012 07:15	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164477	1	07/31/2012 07:15	DB
Acetone	BRL	50		ug/L	164477	1	07/31/2012 07:15	DB
Benzene	15	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Bromodichloromethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Bromoform	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Bromomethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Carbon disulfide	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Carbon tetrachloride	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Chlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Chloroethane	BRL	10		ug/L	164477	1	07/31/2012 07:15	DB
Chloroform	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Chloromethane	BRL	10		ug/L	164477	1	07/31/2012 07:15	DB
cis-1,2-Dichloroethene	100	5.0		ug/L	164477	1	07/31/2012 07:15	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Cyclohexane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Dibromochloromethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Dichlorodifluoromethane	BRL	10		ug/L	164477	1	07/31/2012 07:15	DB
Ethylbenzene	8.0	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Freon-113	BRL	10		ug/L	164477	1	07/31/2012 07:15	DB
Isopropylbenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
m,p-Xylene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Methyl acetate	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Methylcyclohexane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Methylene chloride	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Naphthalene	18	5.0		ug/L	164477	1	07/31/2012 07:15	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TW-8
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:50:00 AM
Lab ID:	1207H25-022	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	7.4	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Styrene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Tetrachloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Toluene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Trichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Vinyl chloride	43	2.0		ug/L	164477	1	07/31/2012 07:15	DB
1,2-Dichloroethene, Total	100	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Xylenes, Total	8.2	5.0		ug/L	164477	1	07/31/2012 07:15	DB
Surr: 4-Bromofluorobenzene	97.9	67.4-123	%REC		164477	1	07/31/2012 07:15	DB
Surr: Dibromofluoromethane	95.8	75.5-128	%REC		164477	1	07/31/2012 07:15	DB
Surr: Toluene-d8	97.2	70-120	%REC		164477	1	07/31/2012 07:15	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TRIP BLANK
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012
Lab ID:	1207H25-027	Matrix:	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,1-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,2-Dichloroethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
2-Butanone	BRL	50		ug/L	164476	1	07/30/2012 14:20	DB
2-Hexanone	BRL	10		ug/L	164476	1	07/30/2012 14:20	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164476	1	07/30/2012 14:20	DB
Acetone	BRL	50		ug/L	164476	1	07/30/2012 14:20	DB
Benzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Bromodichloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Bromoform	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Bromomethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Carbon disulfide	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Carbon tetrachloride	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Chlorobenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Chloroethane	BRL	10		ug/L	164476	1	07/30/2012 14:20	DB
Chloroform	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Chloromethane	BRL	10		ug/L	164476	1	07/30/2012 14:20	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Cyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Dibromochloromethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Dichlorodifluoromethane	BRL	10		ug/L	164476	1	07/30/2012 14:20	DB
Ethylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Freon-113	BRL	10		ug/L	164476	1	07/30/2012 14:20	DB
Isopropylbenzene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
m,p-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Methyl acetate	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Methylcyclohexane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Methylene chloride	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Naphthalene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	TRIP BLANK
Project Name:	THGC-Wrens LLC	Collection Date:	7/24/2012
Lab ID:	1207H25-027	Matrix:	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
							(SW5030B)	
o-Xylene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Styrene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Tetrachloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Toluene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Trichloroethene	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Vinyl chloride	BRL	2.0		ug/L	164476	1	07/30/2012 14:20	DB
1,2-Dichloroethene, Total	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Xylenes, Total	BRL	5.0		ug/L	164476	1	07/30/2012 14:20	DB
Surr: 4-Bromofluorobenzene	95.2	67.4-123	%REC		164476	1	07/30/2012 14:20	DB
Surr: Dibromofluoromethane	97.6	75.5-128	%REC		164476	1	07/30/2012 14:20	DB
Surr: Toluene-d8	98	70-120	%REC		164476	1	07/30/2012 14:20	DB

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	RW-2 DUPLICATE
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:10:00 AM
Lab ID:	1207H25-028	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B								
					(SW5030B)			
1,1,1-Trichloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,1-Dichloroethane	48	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,1-Dichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,2-Dibromoethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,2-Dichloroethane	13	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,2-Dichloropropane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
2-Butanone	BRL	50		ug/L	164477	1	07/31/2012 07:45	DB
2-Hexanone	BRL	10		ug/L	164477	1	07/31/2012 07:45	DB
4-Methyl-2-pentanone	BRL	10		ug/L	164477	1	07/31/2012 07:45	DB
Acetone	BRL	50		ug/L	164477	1	07/31/2012 07:45	DB
Benzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Bromodichloromethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Bromoform	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Bromomethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Carbon disulfide	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Carbon tetrachloride	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Chlorobenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Chloroethane	BRL	10		ug/L	164477	1	07/31/2012 07:45	DB
Chloroform	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Chloromethane	BRL	10		ug/L	164477	1	07/31/2012 07:45	DB
cis-1,2-Dichloroethene	31	5.0		ug/L	164477	1	07/31/2012 07:45	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Cyclohexane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Dibromochloromethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Dichlorodifluoromethane	BRL	10		ug/L	164477	1	07/31/2012 07:45	DB
Ethylbenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Freon-113	BRL	10		ug/L	164477	1	07/31/2012 07:45	DB
Isopropylbenzene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
m,p-Xylene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Methyl acetate	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Methylcyclohexane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Methylene chloride	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Naphthalene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB

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: 6-Aug-12

Client:	Dobbs Environmental	Client Sample ID:	RW-2 DUPLICATE					
Project Name:	THGC-Wrens LLC	Collection Date:	7/25/2012 9:10:00 AM					
Lab ID:	1207H25-028	Matrix:	Groundwater					
Volatile Organic Compounds by GC/MS SW8260B								
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
(SW5030B)								
o-Xylene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Styrene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Tetrachloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Toluene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Trichloroethene	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Trichlorofluoromethane	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Vinyl chloride	22	2.0		ug/L	164477	1	07/31/2012 07:45	DB
1,2-Dichloroethene, Total	31	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Xylenes, Total	BRL	5.0		ug/L	164477	1	07/31/2012 07:45	DB
Surr: 4-Bromofluorobenzene	95.6	67.4-123	%REC		164477	1	07/31/2012 07:45	DB
Surr: Dibromofluoromethane	94.7	75.5-128	%REC		164477	1	07/31/2012 07:45	DB
Surr: Toluene-d8	96.1	70-120	%REC		164477	1	07/31/2012 07:45	DB

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 Results
for
Dobbs Environmental
Date: 6-Aug-12

Workorder: 1207H25

Client Reference: THGC-Wrens LLC

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)				
Client ID: SVE UPPER PRE CARBON	Lab ID: 023A		Date Sampled: 7/25/2012	Media: Tedlar Bag		Air Vol.(L): 1			
1,1,1-Trichloroethane	<10			<10	<1.8	10	7/30/2012	DBB	EPA18
1,1-Dichloroethene	<10			<10	<2.5	10	7/30/2012	DBB	EPA18
2-Butanone	<10			<10	<3.4	10	7/30/2012	DBB	EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10	7/30/2012	DBB	EPA18
Acetone	<10			<10	<4.2	10	7/30/2012	DBB	EPA18
Benzene	<10			<10	<3.1	10	7/30/2012	DBB	EPA18
Carbon tetrachloride	<10			<10	<1.6	10	7/30/2012	DBB	EPA18
Chloroform	<10			<10	<2.0	10	7/30/2012	DBB	EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10	7/30/2012	DBB	EPA18
Diethyl ether	<10			<10	<3.3	10	7/30/2012	DBB	EPA18
Ethylbenzene	<10			<10	<2.3	10	7/30/2012	DBB	EPA18
Freon 141B	<10			<10	<2.1	10	7/30/2012	DBB	EPA18
m,p-Xylene	<20			<20	<4.6	20	7/30/2012	DBB	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10	7/30/2012	DBB	EPA18
Methylene chloride	<10			<10	<2.9	10	7/30/2012	DBB	EPA18
n-Heptane	<10			<10	<2.4	10	7/30/2012	DBB	EPA18
n-Hexane	<10			<10	<2.8	10	7/30/2012	DBB	EPA18
Naphthalene	<10			<10	<1.9	10	7/30/2012	DBB	EPA18
o-Xylene	<10			<10	<2.3	10	7/30/2012	DBB	EPA18
Tetrachloroethene	<10			<10	<1.5	10	7/30/2012	DBB	EPA18
Toluene	<10			<10	<2.7	10	7/30/2012	DBB	EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10	7/30/2012	DBB	EPA18
Trichloroethene	<10			<10	<1.9	10	7/30/2012	DBB	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100	7/30/2012	DBB	EPA18
Vinyl chloride	<10			<10	<3.9	10	7/30/2012	DBB	EPA18
Client ID: SVE UPPER POST CARBON	Lab ID: 024A		Date Sampled: 7/25/2012	Media: Tedlar Bag		Air Vol.(L): 1			
1,1,1-Trichloroethane	<10			<10	<1.8	10	7/30/2012	DBB	EPA18
1,1-Dichloroethene	<10			<10	<2.5	10	7/30/2012	DBB	EPA18
2-Butanone	<10			<10	<3.4	10	7/30/2012	DBB	EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10	7/30/2012	DBB	EPA18
Acetone	<10			<10	<4.2	10	7/30/2012	DBB	EPA18
Benzene	<10			<10	<3.1	10	7/30/2012	DBB	EPA18
Carbon tetrachloride	<10			<10	<1.6	10	7/30/2012	DBB	EPA18
Chloroform	<10			<10	<2.0	10	7/30/2012	DBB	EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10	7/30/2012	DBB	EPA18
Diethyl ether	<10			<10	<3.3	10	7/30/2012	DBB	EPA18
Ethylbenzene	<10			<10	<2.3	10	7/30/2012	DBB	EPA18
Freon 141B	<10			<10	<2.1	10	7/30/2012	DBB	EPA18
m,p-Xylene	<20			<20	<4.6	20	7/30/2012	DBB	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10	7/30/2012	DBB	EPA18
Methylene chloride	<10			<10	<2.9	10	7/30/2012	DBB	EPA18
n-Heptane	<10			<10	<2.4	10	7/30/2012	DBB	EPA18

Results are blank corrected where applicable.

Analytical Results
for
Dobbs Environmental
Date: 6-Aug-12

Workorder: 1207H25

Client Reference: THGC-Wrens LLC

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)				
n-Hexane	<10			<10	<2.8	10		7/30/2012	DBB EPA18
Naphthalene	<10			<10	<1.9	10		7/30/2012	DBB EPA18
o-Xylene	<10			<10	<2.3	10		7/30/2012	DBB EPA18
Tetrachloroethene	<10			<10	<1.5	10		7/30/2012	DBB EPA18
Toluene	<10			<10	<2.7	10		7/30/2012	DBB EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10		7/30/2012	DBB EPA18
Trichloroethene	<10			<10	<1.9	10		7/30/2012	DBB EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		7/30/2012	DBB EPA18
Vinyl chloride	<10			<10	<3.9	10		7/30/2012	DBB EPA18
Client ID: SVE LOWER PRE CARBON	Lab ID: 025A	Date Sampled: 7/25/2012	Media: Tedlar Bag				Air Vol.(L): 1		
1,1,1-Trichloroethane	<10			<10	<1.8	10		7/30/2012	DBB EPA18
1,1-Dichloroethene	<10			<10	<2.5	10		7/30/2012	DBB EPA18
2-Butanone	<10			<10	<3.4	10		7/30/2012	DBB EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10		7/30/2012	DBB EPA18
Acetone	<10			<10	<4.2	10		7/30/2012	DBB EPA18
Benzene	<10			<10	<3.1	10		7/30/2012	DBB EPA18
Carbon tetrachloride	<10			<10	<1.6	10		7/30/2012	DBB EPA18
Chloroform	<10			<10	<2.0	10		7/30/2012	DBB EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10		7/30/2012	DBB EPA18
Diethyl ether	<10			<10	<3.3	10		7/30/2012	DBB EPA18
Ethylbenzene	<10			<10	<2.3	10		7/30/2012	DBB EPA18
Freon 141B	<10			<10	<2.1	10		7/30/2012	DBB EPA18
m,p-Xylene	<20			<20	<4.6	20		7/30/2012	DBB EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10		7/30/2012	DBB EPA18
Methylene chloride	<10			<10	<2.9	10		7/30/2012	DBB EPA18
n-Heptane	<10			<10	<2.4	10		7/30/2012	DBB EPA18
n-Hexane	<10			<10	<2.8	10		7/30/2012	DBB EPA18
Naphthalene	<10			<10	<1.9	10		7/30/2012	DBB EPA18
o-Xylene	<10			<10	<2.3	10		7/30/2012	DBB EPA18
Tetrachloroethene	<10			<10	<1.5	10		7/30/2012	DBB EPA18
Toluene	<10			<10	<2.7	10		7/30/2012	DBB EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10		7/30/2012	DBB EPA18
Trichloroethene	<10			<10	<1.9	10		7/30/2012	DBB EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		7/30/2012	DBB EPA18
Vinyl chloride	<10			<10	<3.9	10		7/30/2012	DBB EPA18
Client ID: SVE LOWER POST CARBON	Lab ID: 026A	Date Sampled: 7/25/2012	Media: Tedlar Bag				Air Vol.(L): 1		
1,1,1-Trichloroethane	<10			<10	<1.8	10		7/30/2012	DBB EPA18
1,1-Dichloroethene	<10			<10	<2.5	10		7/30/2012	DBB EPA18
2-Butanone	<10			<10	<3.4	10		7/30/2012	DBB EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10		7/30/2012	DBB EPA18
Acetone	<10			<10	<4.2	10		7/30/2012	DBB EPA18
Benzene	<10			<10	<3.1	10		7/30/2012	DBB EPA18
Carbon tetrachloride	<10			<10	<1.6	10		7/30/2012	DBB EPA18

Results are blank corrected where applicable.

Analytical Results

for

Dobbs Environmental

Date: 6-Aug-12

Workorder: 1207H25

Client Reference: THGC-Wrens LLC

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)				
Chloroform	<10			<10	<2.0	10		7/30/2012 DBB	EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10		7/30/2012 DBB	EPA18
Diethyl ether	<10			<10	<3.3	10		7/30/2012 DBB	EPA18
Ethylbenzene	<10			<10	<2.3	10		7/30/2012 DBB	EPA18
Freon 141B	<10			<10	<2.1	10		7/30/2012 DBB	EPA18
m,p-Xylene	<20			<20	<4.6	20		7/30/2012 DBB	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10		7/30/2012 DBB	EPA18
Methylene chloride	<10			<10	<2.9	10		7/30/2012 DBB	EPA18
n-Heptane	<10			<10	<2.4	10		7/30/2012 DBB	EPA18
n-Hexane	<10			<10	<2.8	10		7/30/2012 DBB	EPA18
Naphthalene	<10			<10	<1.9	10		7/30/2012 DBB	EPA18
o-Xylene	<10			<10	<2.3	10		7/30/2012 DBB	EPA18
Tetrachloroethene	<10			<10	<1.5	10		7/30/2012 DBB	EPA18
Toluene	<10			<10	<2.7	10		7/30/2012 DBB	EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10		7/30/2012 DBB	EPA18
Trichloroethene	<10			<10	<1.9	10		7/30/2012 DBB	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		7/30/2012 DBB	EPA18
Vinyl chloride	<10			<10	<3.9	10		7/30/2012 DBB	EPA18

(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

General Notes:

<: Less than the indicated limit of detection (LOD).

--: Information not available or not applicable.

Back sections were checked and showed no significant breakthrough.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Dobbs Env

Work Order Number POTM25

Checklist completed by JLL Signature 07/26/20 Date

Carrier name: FedEx UPS Courier Client US Mail Other _____

Shipping container/coolier in good condition? Yes No Not Present

Custody seals intact on shipping container/coolier? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Container/Temp Blank temperature in compliance? (4°C±2)* Yes No

Cooler #1 3,1 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.

Client:	Dobbs Environmental	Dates Report					
Project:	THGC-Wrens LLC						
Lab Order:	1207H25						

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1207H25-001A	MW-1	7/24/2012 11:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-002A	MW-2	7/24/2012 1:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-003A	MW-3	7/25/2012 3:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-004A	MW-4	7/24/2012 5:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-005A	MW-5	7/24/2012 1:37:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-006A	MW-6	7/25/2012 2:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-007A	MW-7	7/25/2012 11:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-007A	MW-7	7/25/2012 11:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	08/01/2012	
1207H25-008A	MW-8	7/25/2012 1:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-009A	MW-9	7/25/2012 1:55:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-010A	MW-10	7/25/2012 11:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-011A	MW-11	7/25/2012 11:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	08/01/2012	
1207H25-012A	RW-1	7/25/2012 9:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-013A	RW-2	7/25/2012 9:10:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-014A	DW-1	7/24/2012 4:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-016A	MW-6 DUPLICATE	7/25/2012 2:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/30/2012	07/30/2012
1207H25-017A	TW-3	7/24/2012 4:55:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/31/2012	
1207H25-018A	TW-4	7/24/2012 5:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/31/2012	
1207H25-019A	TW-5	7/25/2012 8:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/31/2012	
1207H25-020A	TW-6	7/25/2012 9:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/31/2012	
1207H25-021A	TW-7	7/25/2012 9:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/31/2012	
1207H25-022A	TW-8	7/25/2012 9:50:00AM	Groundwater	Volatile Organic Compounds by GC/MS	07/30/2012	07/31/2012	
1207H25-023A	SVE UPPER PRE CARBON	7/25/2012 2:00:00PM	Air	Aromatic Volatiles in Air	07/27/2012	07/30/2012	
1207H25-023A	SVE UPPER PRE CARBON	7/25/2012 2:00:00PM	Air	Chlorinated Volatiles in Air	07/27/2012	07/30/2012	
1207H25-023A	SVE UPPER PRE CARBON	7/25/2012 2:00:00PM	Air	Volatile Hydrocarbons in Air	07/27/2012	07/30/2012	
1207H25-024A	SVE UPPER POST CARBON	7/25/2012 2:15:00PM	Air	Aromatic Volatiles in Air	07/27/2012	07/30/2012	
1207H25-024A	SVE UPPER POST CARBON	7/25/2012 2:15:00PM	Air	Chlorinated Volatiles in Air	07/27/2012	07/30/2012	
1207H25-024A	SVE UPPER POST CARBON	7/25/2012 2:15:00PM	Air	Volatile Hydrocarbons in Air	07/27/2012	07/30/2012	
1207H25-025A	SVE LOWER PRE CARBON	7/25/2012 2:30:00PM	Air	Aromatic Volatiles in Air	07/27/2012	07/30/2012	

Client:	Dobbs Environmental							
Project:	THGC-Wrens LLC							
Lab Order:	1207H25							

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1207H25-025A	SVE LOWER PRE CARBON	7/25/2012 2:30:00PM	Air	Chlorinated Volatiles in Air		07/27/2012	07/30/2012
1207H25-025A	SVE LOWER PRE CARBON	7/25/2012 2:30:00PM	Air	Volatile Hydrocarbons in Air		07/27/2012	07/30/2012
1207H25-026A	SVE LOWER POST CARBON	7/25/2012 2:45:00PM	Air	Aromatic Volatiles in Air		07/27/2012	07/30/2012
1207H25-026A	SVE LOWER POST CARBON	7/25/2012 2:45:00PM	Air	Chlorinated Volatiles in Air		07/27/2012	07/30/2012
1207H25-026A	SVE LOWER POST CARBON	7/25/2012 2:45:00PM	Air	Volatile Hydrocarbons in Air		07/27/2012	07/30/2012
1207H25-027A	TRIP BLANK	7/24/2012 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		07/30/2012	07/30/2012
1207H25-028A	RW-2 DUPLICATE	7/25/2012 9:10:00AM	Groundwater	Volatile Organic Compounds by GC/MS		07/30/2012	07/31/2012

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164476**

Sample ID: MB-164476	Client ID:				Units: ug/L	Prep Date: 07/30/2012	Run No: 225966				
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260B				BatchID: 164476	Analysis Date: 07/30/2012	Seq No: 4730047				
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	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dichloroethene, Total	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	0
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	0
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	0
Acetone	BRL	50	0	0	0	0	0	0	0	0	0
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	0
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	0
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	0
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	0
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	0
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	0
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	0
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	0

Qualifiers: > Greater than Result value

< Less than Result value

B Analyte detected in the associated method blank

BRL Below reporting limit

E Estimated (value above quantitation range)

H Holding times for preparation or analysis exceeded

J Estimated value detected below Reporting Limit

N Analyte not NELAC certified

R RPD outside limits due to matrix

Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164476**

Sample ID: MB-164476	Client ID:	Units: ug/L			Prep Date:	07/30/2012	Run No: 225966				
SampleType: MLBK	TestCode: Volatile Organic Compounds by GC/MS SW8260B	BatchID: 164476			Analysis Date:	07/30/2012	Seq No: 4730047				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	0
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	0
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	0
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	0
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	0
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
Freon-113	BRL	10	0	0	0	0	0	0	0	0	0
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	0
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	0
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	0
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	0
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	0
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	0
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	0
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	0
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	0
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	0
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	0
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	0
Surr: 4-Bromofluorobenzene	47.54	0	50	0	95.1	67.4	123	0	0	0	0
Surr: Dibromofluoromethane	49.52	0	50	0	99	75.5	128	0	0	0	0

Qualifiers: > Greater than Result value

< Less than Result value

B Analyte detected in the associated method blank

BRL Below reporting limit

E Estimated (value above quantitation range)

H Holding times for preparation or analysis exceeded

J Estimated value detected below Reporting Limit

N Analyte not NELAC certified

R RPD outside limits due to matrix

Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164476**

Sample ID: MB-164476	Client ID:					Units: ug/L	Prep Date: 07/30/2012	Run No: 225966
SampleType: MLBK	TestCode: Volatile Organic Compounds by GC/MS SW8260B					BatchID: 164476	Analysis Date: 07/30/2012	Seq No: 4730047
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val
Surr: Toluene-d8	48.32	0	50	0	96.6	70	120	0
								0
Sample ID: LCS-164476	Client ID:					Units: ug/L	Prep Date: 07/30/2012	Run No: 225966
SampleType: LCS	TestCode: Volatile Organic Compounds by GC/MS SW8260B					BatchID: 164476	Analysis Date: 07/30/2012	Seq No: 4730308
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val
1,1-Dichloroethene	58.66	5.0	50	0	117	60	140	0
Benzene	54.42	5.0	50	0	109	70	130	0
Chlorobenzene	55.28	5.0	50	0	111	70	130	0
Toluene	55.17	5.0	50	0	110	70	130	0
Trichloroethene	54.16	5.0	50	0	108	70	130	0
Surr: 4-Bromofluorobenzene	51.33	0	50	0	103	67.4	123	0
Surr: Dibromofluoromethane	50.36	0	50	0	101	75.5	128	0
Surr: Toluene-d8	48.92	0	50	0	97.8	70	120	0
								0
Sample ID: 1207H25-011AMS	Client ID: MW-11					Units: ug/L	Prep Date: 07/30/2012	Run No: 225966
SampleType: MS	TestCode: Volatile Organic Compounds by GC/MS SW8260B					BatchID: 164476	Analysis Date: 07/30/2012	Seq No: 4730310
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val
1,1-Dichloroethene	2710	250	2500	0	108	50.1	179	0
Benzene	2557	250	2500	0	102	61.2	150	0
Chlorobenzene	2608	250	2500	0	104	72.1	140	0
Toluene	2612	250	2500	0	104	58.7	154	0
Trichloroethene	2522	250	2500	0	101	68.3	149	0
Surr: 4-Bromofluorobenzene	2573	0	2500	0	103	67.4	123	0
Surr: Dibromofluoromethane	2567	0	2500	0	103	75.5	128	0
Surr: Toluene-d8	2486	0	2500	0	99.5	70	120	0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164476**

Sample ID: 1207H25-011AMSD	Client ID: MW-11				Units: ug/L	Prep Date: 07/30/2012	Run No: 225966				
SampleType: MSD	TestCode: Volatile Organic Compounds by GC/MS SW8260B				BatchID: 164476	Analysis Date: 07/30/2012	Seq No: 4730311				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2650	250	2500	0	106	50.1	179	2710	2.26	23.3	
Benzene	2475	250	2500	0	99	61.2	150	2557	3.26	19	
Chlorobenzene	2570	250	2500	0	103	72.1	140	2608	1.47	21.5	
Toluene	2535	250	2500	0	101	58.7	154	2612	2.99	20	
Trichloroethene	2438	250	2500	0	97.5	68.3	149	2522	3.41	17.7	
Surr: 4-Bromofluorobenzene	2592	0	2500	0	104	67.4	123	2573	0	0	
Surr: Dibromofluoromethane	2558	0	2500	0	102	75.5	128	2567	0	0	
Surr: Toluene-d8	2446	0	2500	0	97.9	70	120	2486	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164477**

Sample ID: MB-164477	Client ID:	Units: ug/L			Prep Date:	07/30/2012	Run No: 226016				
SampleType: MLBK	TestCode: Volatile Organic Compounds by GC/MS SW8260B	BatchID: 164477			Analysis Date:	07/30/2012	Seq No: 4732078				
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	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dichloroethene, Total	BRL	5.0	0	0	0	0	0	0	0	0	0
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	0
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	0
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	0
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	0
Acetone	BRL	50	0	0	0	0	0	0	0	0	0
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	0
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	0
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	0
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	0
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	0
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	0
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	0
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	0

Qualifiers: > Greater than Result value

< Less than Result value

B Analyte detected in the associated method blank

BRL Below reporting limit

E Estimated (value above quantitation range)

H Holding times for preparation or analysis exceeded

J Estimated value detected below Reporting Limit

N Analyte not NELAC certified

R RPD outside limits due to matrix

Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164477**

Sample ID: MB-164477	Client ID:	Units: ug/L			Prep Date:	07/30/2012	Run No: 226016				
SampleType: MLBK	TestCode: Volatile Organic Compounds by GC/MS SW8260B	BatchID: 164477			Analysis Date:	07/30/2012	Seq No: 4732078				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	0
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	0
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	0
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	0
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	0
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
Freon-113	BRL	10	0	0	0	0	0	0	0	0	0
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	0
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	0
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	0
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	0
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	0
Naphthalene	BRL	5.0	0	0	0	0	0	0	0	0	0
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	0
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	0
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	0
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	0
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	0
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	0
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	0
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	0
Surr: 4-Bromofluorobenzene	47.30	0	50	0	94.6	67.4	123	0	0	0	0
Surr: Dibromofluoromethane	49.29	0	50	0	98.6	75.5	128	0	0	0	0

Qualifiers: > Greater than Result value

< Less than Result value

B Analyte detected in the associated method blank

BRL Below reporting limit

E Estimated (value above quantitation range)

H Holding times for preparation or analysis exceeded

J Estimated value detected below Reporting Limit

N Analyte not NELAC certified

R RPD outside limits due to matrix

Rpt Lim Reporting Limit

S Spike Recovery outside limits due to matrix

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164477**

Sample ID: MB-164477	Client ID:				Units: ug/L	Prep Date: 07/30/2012	Run No: 226016				
SampleType: MLBK	TestCode: Volatile Organic Compounds by GC/MS SW8260B				BatchID: 164477	Analysis Date: 07/30/2012	Seq No: 4732078				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Toluene-d8	49.26	0	50	0	98.5	70	120	0	0	0	
Sample ID: LCS-164477	Client ID:				Units: ug/L	Prep Date: 07/30/2012	Run No: 226016				
SampleType: LCS	TestCode: Volatile Organic Compounds by GC/MS SW8260B				BatchID: 164477	Analysis Date: 07/31/2012	Seq No: 4732079				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	48.99	5.0	50	0	98	60	140	0	0	0	
Benzene	49.57	5.0	50	0	99.1	70	130	0	0	0	
Chlorobenzene	50.34	5.0	50	0	101	70	130	0	0	0	
Toluene	51.02	5.0	50	0	102	70	130	0	0	0	
Trichloroethene	47.92	5.0	50	0	95.8	70	130	0	0	0	
Surr: 4-Bromofluorobenzene	50.72	0	50	0	101	67.4	123	0	0	0	
Surr: Dibromofluoromethane	51.55	0	50	0	103	75.5	128	0	0	0	
Surr: Toluene-d8	51.63	0	50	0	103	70	120	0	0	0	
Sample ID: 1207I11-001AMS	Client ID:				Units: ug/L	Prep Date: 07/30/2012	Run No: 226016				
SampleType: MS	TestCode: Volatile Organic Compounds by GC/MS SW8260B				BatchID: 164477	Analysis Date: 07/31/2012	Seq No: 4732084				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1054	100	1000	0	105	50.1	179	0	0	0	
Benzene	1233	100	1000	202.8	103	61.2	150	0	0	0	
Chlorobenzene	1065	100	1000	0	106	72.1	140	0	0	0	
Toluene	3067	100	1000	1939	113	58.7	154	0	0	0	
Trichloroethene	1039	100	1000	10.80	103	68.3	149	0	0	0	
Surr: 4-Bromofluorobenzene	1038	0	1000	0	104	67.4	123	0	0	0	
Surr: Dibromofluoromethane	1019	0	1000	0	102	75.5	128	0	0	0	
Surr: Toluene-d8	1004	0	1000	0	100	70	120	0	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164477**

Sample ID: 1207I11-001AMSD	Client ID:				Units: ug/L	Prep Date: 07/30/2012	Run No: 226016				
SampleType: MSD	TestCode: Volatile Organic Compounds by GC/MS SW8260B				BatchID: 164477	Analysis Date: 07/31/2012	Seq No: 4732085				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1068	100	1000	0	107	50.1	179	1054	1.26	23.3	
Benzene	1223	100	1000	202.8	102	61.2	150	1233	0.782	19	
Chlorobenzene	1034	100	1000	0	103	72.1	140	1065	2.9	21.5	
Toluene	2984	100	1000	1939	105	58.7	154	3067	2.73	20	
Trichloroethene	1034	100	1000	10.80	102	68.3	149	1039	0.463	17.7	
Surr: 4-Bromofluorobenzene	1012	0	1000	0	101	67.4	123	1038	0	0	
Surr: Dibromofluoromethane	1005	0	1000	0	100	75.5	128	1019	0	0	
Surr: Toluene-d8	983.4	0	1000	0	98.3	70	120	1004	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164395**

Sample ID: MB-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226116				
SampleType: MLBK	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733025				
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	10	0	0	0	0	0	0	0	0	0
1,1-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0	0
Carbon tetrachloride	BRL	10	0	0	0	0	0	0	0	0	0
Chloroform	BRL	10	0	0	0	0	0	0	0	0	0
cis-1,2-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0	0
Freon 141B	BRL	10	0	0	0	0	0	0	0	0	0
Methylene chloride	BRL	10	0	0	0	0	0	0	0	0	0
Tetrachloroethene	BRL	10	0	0	0	0	0	0	0	0	0
trans-1,2-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0	0
Trichloroethene	BRL	10	0	0	0	0	0	0	0	0	0
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	0

Sample ID: MB-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226117				
SampleType: MLBK	TestCode: Volatile Hydrocarbons in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733280				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10	0	0	0	0	0	0	0	0	0
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	0
Acetone	BRL	10	0	0	0	0	0	0	0	0	0
Diethyl ether	BRL	10	0	0	0	0	0	0	0	0	0
n-Heptane	BRL	10	0	0	0	0	0	0	0	0	0
n-Hexane	BRL	10	0	0	0	0	0	0	0	0	0

Sample ID: MB-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226118				
SampleType: MLBK	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733339				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Benzene	BRL	10	0	0	0	0	0	0	0	0	0
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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: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164395**

Sample ID: MB-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226118				
SampleType: MLBK	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733339				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	BRL	10	0	0	0	0	0	0	0	0	0
m,p-Xylene	BRL	20	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	BRL	10	0	0	0	0	0	0	0	0	0
Naphthalene	BRL	10	0	0	0	0	0	0	0	0	0
o-Xylene	BRL	10	0	0	0	0	0	0	0	0	0
Toluene	BRL	10	0	0	0	0	0	0	0	0	0
TRPH (Based on Benzene)	BRL	100	0	0	0	0	0	0	0	0	0

Sample ID: LCS-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226116				
SampleType: LCS	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733026				
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	108.3	10	100	0	108	84.6	121	0	0	0	0
Carbon tetrachloride	110.0	10	100	0	110	84.6	124	0	0	0	0
Chloroform	106.2	10	100	0	106	82.7	117	0	0	0	0
Methylene chloride	110.1	10	100	0	110	80	116	0	0	0	0
Tetrachloroethene	109.7	10	100	0	110	80	118	0	0	0	0
Trichloroethene	109.9	10	100	0	110	80	118	0	0	0	0

Sample ID: LCS-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226117				
SampleType: LCS	TestCode: Volatile Hydrocarbons in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733281				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2-Butanone	100.4	10	100	0	100	78.6	120	0	0	0	0
4-Methyl-2-pentanone	106.8	10	100	0	107	80	120	0	0	0	0
Acetone	90.71	10	100	0	90.7	70	120	0	0	0	0
Diethyl ether	105.8	10	100	0	106	80	120	0	0	0	0
n-Heptane	112.9	10	100	0	113	80	122	0	0	0	0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164395**

Sample ID: LCS-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226117				
SampleType: LCS	TestCode: Volatile Hydrocarbons in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733281				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
n-Hexane	113.4	10	100	0	113	80	121	0	0	0	
Sample ID: LCS-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226118				
SampleType: LCS	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733342				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	110.3	10	100	0	110	80	120	0	0	0	
Ethylbenzene	115.1	10	100	0	115	80	116	0	0	0	
m,p-Xylene	226.0	20	200	0	113	80	120	0	0	0	
Methyl tert-butyl ether	90.27	10	100	0	90.3	80	120	0	0	0	
Naphthalene	49.55	10	100	0	49.5	34.6	100	0	0	0	
o-Xylene	108.7	10	100	0	109	80	120	0	0	0	
Toluene	111.0	10	100	0	111	80	120	0	0	0	
Sample ID: LCS-164395-2	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226116				
SampleType: LCS	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733030				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	104.8	10	100	0	105	85.1	120	0	0	0	
cis-1,2-Dichloroethene	106.9	10	100	0	107	80	119	0	0	0	
trans-1,2-Dichloroethene	105.1	10	100	0	105	85.7	117	0	0	0	
Sample ID: LCS-164395-3	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226116				
SampleType: LCS	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733028				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	20.56	10	25	0	82.3	61.2	120	0	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL		Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J		Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim		Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164395**

Sample ID: LCSD-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226116				
SampleType: LCSD	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733027				
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	104.7	10	100	0	105	84.6	121	108.3	3.39	20
Carbon tetrachloride	105.9	10	100	0	106	84.6	124	110.0	3.75	20
Chloroform	102.8	10	100	0	103	82.7	117	106.2	3.3	20
Methylene chloride	104.9	10	100	0	105	80	116	110.1	4.86	20
Tetrachloroethene	105.5	10	100	0	105	80	118	109.7	3.91	20
Trichloroethene	106.2	10	100	0	106	80	118	109.9	3.43	20

Sample ID: LCSD-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226117				
SampleType: LCSD	TestCode: Volatile Hydrocarbons in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733283				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	97.23	10	100	0	97.2	78.6	120	100.4	3.24	20	
4-Methyl-2-pentanone	103.5	10	100	0	103	80	120	106.8	3.14	20	
Acetone	87.82	10	100	0	87.8	70	120	90.71	3.24	20	
Diethyl ether	102.4	10	100	0	102	80	120	105.8	3.2	20	
n-Heptane	109.2	10	100	0	109	80	122	112.9	3.33	20	
n-Hexane	109.3	10	100	0	109	80	121	113.4	3.72	20	

Sample ID: LCSD-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226118				
SampleType: LCSD	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733346				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	106.7	10	100	0	107	80	120	110.3	3.3	20	
Ethylbenzene	111.3	10	100	0	111	80	116	115.1	3.37	20	
m,p-Xylene	218.4	20	200	0	109	80	120	226.0	3.39	20	
Methyl tert-butyl ether	87.08	10	100	0	87.1	80	120	90.27	3.6	20	
Naphthalene	48.42	10	100	0	48.4	34.6	100	49.55	2.31	20	
o-Xylene	105.2	10	100	0	105	80	120	108.7	3.26	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: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1207H25

ANALYTICAL QC SUMMARY REPORT**BatchID: 164395**

Sample ID: LCSD-164395	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226118				
SampleType: LCSD	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733346				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	107.4	10	100	0	107	80	120	111.0	3.31	20	
Sample ID: LCSD-164395-2	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226116				
SampleType: LCSD	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733031				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	104.9	10	100	0	105	85.1	120	104.8	0.096	20	
cis-1,2-Dichloroethene	108.2	10	100	0	108	80	119	106.9	1.21	20	
trans-1,2-Dichloroethene	106.1	10	100	0	106	85.7	117	105.1	0.926	20	
Sample ID: LCSD-164395-3	Client ID:				Units: ug, Total	Prep Date: 07/27/2012	Run No: 226116				
SampleType: LCSD	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 164395	Analysis Date: 07/30/2012	Seq No: 4733029				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	21.49	10	25	0	86	61.2	120	20.56	4.39	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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 21, 2013

Chuck Hill
Dobbs Environmental
PO Box 3020
Covington GA 30015

TEL: (770) 786-2338
FAX: (770) 786-2397

RE: THGC-Wrens LLC

Dear Chuck Hill:

Order No: 1302B63

Analytical Environmental Services, Inc. received 4 samples on 2/14/2013 3:16:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

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 deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Pkwy, Atlanta, GA 30340-3704
Tel.: (770) 457-8177 (800) 972-4889

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Tel.: (770) 457-8177 (800) 972-4889

www.aesatlanta.com

CHAIN OF CUSTODY FORM FOR AIR SAMPLE ANALYSIS

Client Name: Dohhs Environmental / Contact: CS 14711
Address: PoBox 3010 Phone: (7) 786-2338
Coungton Ct 30015 Fax: (7) 786-2397

Project Name#: Three Wrens LLC
Samplers Name: CSP Hill
Sampling Date: 02-14-13

Analytical Results
for
Dobbs Environmental
Date: 21-Feb-13

Workorder: 1302B63

Client Reference: THGC-Wrens LLC

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)				
Client ID: UPPER SVE PRE CARBON	Lab ID: 001A		Date Sampled: 2/14/2013	Media: Tedlar Bag		Air Vol.(L): 1			
1,1,1-Trichloroethane	<10			<10	<1.8	10	2/18/2013	RUF	EPA18
1,1-Dichloroethene	<10			<10	<2.5	10	2/18/2013	RUF	EPA18
2-Butanone	<10			<10	<3.4	10	2/18/2013	RUF	EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10	2/18/2013	RUF	EPA18
Acetone	<10			<10	<4.2	10	2/18/2013	RUF	EPA18
Benzene	<10			<10	<3.1	10	2/18/2013	RUF	EPA18
Benzene	<10			<10	<3.1	10	2/18/2013	RUF	EPA18
Carbon tetrachloride	<10			<10	<1.6	10	2/18/2013	RUF	EPA18
Chloroform	<10			<10	<2.0	10	2/18/2013	RUF	EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10	2/18/2013	RUF	EPA18
Diethyl ether	<10			<10	<3.3	10	2/18/2013	RUF	EPA18
Ethylbenzene	<10			<10	<2.3	10	2/18/2013	RUF	EPA18
Ethylbenzene	<10			<10	<2.3	10	2/18/2013	RUF	EPA18
Freon 141B	<10			<10	<2.1	10	2/18/2013	RUF	EPA18
m,p-Xylene	<20			<20	<4.6	20	2/18/2013	RUF	EPA18
m,p-Xylene	<20			<20	<4.6	20	2/18/2013	RUF	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10	2/18/2013	RUF	EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10	2/18/2013	RUF	EPA18
Methylene chloride	<10			<10	<2.9	10	2/18/2013	RUF	EPA18
n-Heptane	<10			<10	<2.4	10	2/18/2013	RUF	EPA18
n-Hexane	<10			<10	<2.8	10	2/18/2013	RUF	EPA18
Naphthalene	<10			<10	<1.9	10	2/18/2013	RUF	EPA18
Naphthalene	<10			<10	<1.9	10	2/18/2013	RUF	EPA18
o-Xylene	<10			<10	<2.3	10	2/18/2013	RUF	EPA18
o-Xylene	<10			<10	<2.3	10	2/18/2013	RUF	EPA18
Tetrachloroethene	<10			<10	<1.5	10	2/18/2013	RUF	EPA18
Toluene	<10			<10	<2.7	10	2/18/2013	RUF	EPA18
Toluene	<10			<10	<2.7	10	2/18/2013	RUF	EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10	2/18/2013	RUF	EPA18
Trichloroethene	<10			<10	<1.9	10	2/18/2013	RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100	2/18/2013	RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100	2/18/2013	RUF	EPA18
Vinyl chloride	<10			<10	<3.9	10	2/18/2013	RUF	EPA18
Client ID: UPPER SVE POST CARBON	Lab ID: 002A		Date Sampled: 2/14/2013	Media: Tedlar Bag		Air Vol.(L): 1			
1,1,1-Trichloroethane	<10			<10	<1.8	10	2/19/2013	RUF	EPA18
1,1-Dichloroethene	<10			<10	<2.5	10	2/19/2013	RUF	EPA18
2-Butanone	<10			<10	<3.4	10	2/19/2013	RUF	EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10	2/19/2013	RUF	EPA18
Acetone	<10			<10	<4.2	10	2/19/2013	RUF	EPA18
Benzene	<10			<10	<3.1	10	2/19/2013	RUF	EPA18
Benzene	<10			<10	<3.1	10	2/19/2013	RUF	EPA18
Carbon tetrachloride	<10			<10	<1.6	10	2/19/2013	RUF	EPA18

Results are blank corrected where applicable.

Analytical Results
for
Dobbs Environmental
Date: 21-Feb-13

Workorder: 1302B63

Client Reference: THGC-Wrens LLC

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)				
Chloroform	<10			<10	<2.0	10		2/19/2013	RUF EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10		2/19/2013	RUF EPA18
Diethyl ether	<10			<10	<3.3	10		2/19/2013	RUF EPA18
Ethylbenzene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Ethylbenzene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Freon 141B	<10			<10	<2.1	10		2/19/2013	RUF EPA18
m,p-Xylene	<20			<20	<4.6	20		2/19/2013	RUF EPA18
m,p-Xylene	<20			<20	<4.6	20		2/19/2013	RUF EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10		2/19/2013	RUF EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10		2/19/2013	RUF EPA18
Methylene chloride	<10			<10	<2.9	10		2/19/2013	RUF EPA18
n-Heptane	<10			<10	<2.4	10		2/19/2013	RUF EPA18
n-Hexane	<10			<10	<2.8	10		2/19/2013	RUF EPA18
Naphthalene	<10			<10	<1.9	10		2/19/2013	RUF EPA18
Naphthalene	<10			<10	<1.9	10		2/19/2013	RUF EPA18
o-Xylene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
o-Xylene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Tetrachloroethene	<10			<10	<1.5	10		2/19/2013	RUF EPA18
Toluene	<10			<10	<2.7	10		2/19/2013	RUF EPA18
Toluene	<10			<10	<2.7	10		2/19/2013	RUF EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10		2/19/2013	RUF EPA18
Trichloroethene	<10			<10	<1.9	10		2/19/2013	RUF EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		2/19/2013	RUF EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		2/19/2013	RUF EPA18
Vinyl chloride	<10			<10	<3.9	10		2/19/2013	RUF EPA18

Client ID:	LOWER SVE PRE CARBON	Lab ID:	003A	Date Sampled:	2/14/2013	Media:	Tedlar Bag	Air Vol.(L):	1
1,1,1-Trichloroethane	<10			<10	<1.8	10		2/19/2013	RUF EPA18
1,1-Dichloroethene	<10			<10	<2.5	10		2/19/2013	RUF EPA18
2-Butanone	<10			<10	<3.4	10		2/19/2013	RUF EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10		2/19/2013	RUF EPA18
Acetone	<10			<10	<4.2	10		2/19/2013	RUF EPA18
Benzene	<10			<10	<3.1	10		2/19/2013	RUF EPA18
Benzene	<10			<10	<3.1	10		2/19/2013	RUF EPA18
Carbon tetrachloride	<10			<10	<1.6	10		2/19/2013	RUF EPA18
Chloroform	<10			<10	<2.0	10		2/19/2013	RUF EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10		2/19/2013	RUF EPA18
Diethyl ether	<10			<10	<3.3	10		2/19/2013	RUF EPA18
Ethylbenzene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Ethylbenzene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Freon 141B	<10			<10	<2.1	10		2/19/2013	RUF EPA18
m,p-Xylene	<20			<20	<4.6	20		2/19/2013	RUF EPA18
m,p-Xylene	<20			<20	<4.6	20		2/19/2013	RUF EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10		2/19/2013	RUF EPA18

Results are blank corrected where applicable.

Analytical Results
for
Dobbs Environmental
Date: 21-Feb-13

Workorder: 1302B63

Client Reference: THGC-Wrens LLC

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)				
Methyl tert-butyl ether	<10			<10	<2.8	10		2/19/2013	RUF EPA18
Methylene chloride	<10			<10	<2.9	10		2/19/2013	RUF EPA18
n-Heptane	<10			<10	<2.4	10		2/19/2013	RUF EPA18
n-Hexane	<10			<10	<2.8	10		2/19/2013	RUF EPA18
Naphthalene	<10			<10	<1.9	10		2/19/2013	RUF EPA18
Naphthalene	<10			<10	<1.9	10		2/19/2013	RUF EPA18
o-Xylene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
o-Xylene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Tetrachloroethene	<10			<10	<1.5	10		2/19/2013	RUF EPA18
Toluene	<10			<10	<2.7	10		2/19/2013	RUF EPA18
Toluene	<10			<10	<2.7	10		2/19/2013	RUF EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10		2/19/2013	RUF EPA18
Trichloroethene	<10			<10	<1.9	10		2/19/2013	RUF EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		2/19/2013	RUF EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		2/19/2013	RUF EPA18
Vinyl chloride	<10			<10	<3.9	10		2/19/2013	RUF EPA18
Client ID: LOWER SVE POST CARBON	Lab ID: 004A	Date Sampled: 2/14/2013		Media: Tedlar Bag			Air Vol.(L): 1		
1,1,1-Trichloroethane	<10			<10	<1.8	10		2/19/2013	RUF EPA18
1,1-Dichloroethene	<10			<10	<2.5	10		2/19/2013	RUF EPA18
2-Butanone	<10			<10	<3.4	10		2/19/2013	RUF EPA18
4-Methyl-2-pentanone	<10			<10	<2.4	10		2/19/2013	RUF EPA18
Acetone	<10			<10	<4.2	10		2/19/2013	RUF EPA18
Benzene	<10			<10	<3.1	10		2/19/2013	RUF EPA18
Benzene	<10			<10	<3.1	10		2/19/2013	RUF EPA18
Carbon tetrachloride	<10			<10	<1.6	10		2/19/2013	RUF EPA18
Chloroform	<10			<10	<2.0	10		2/19/2013	RUF EPA18
cis-1,2-Dichloroethene	<10			<10	<2.5	10		2/19/2013	RUF EPA18
Diethyl ether	<10			<10	<3.3	10		2/19/2013	RUF EPA18
Ethylbenzene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Ethylbenzene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Freon 141B	<10			<10	<2.1	10		2/19/2013	RUF EPA18
m,p-Xylene	<20			<20	<4.6	20		2/19/2013	RUF EPA18
m,p-Xylene	<20			<20	<4.6	20		2/19/2013	RUF EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10		2/19/2013	RUF EPA18
Methyl tert-butyl ether	<10			<10	<2.8	10		2/19/2013	RUF EPA18
Methylene chloride	<10			<10	<2.9	10		2/19/2013	RUF EPA18
n-Heptane	<10			<10	<2.4	10		2/19/2013	RUF EPA18
n-Hexane	<10			<10	<2.8	10		2/19/2013	RUF EPA18
Naphthalene	<10			<10	<1.9	10		2/19/2013	RUF EPA18
Naphthalene	<10			<10	<1.9	10		2/19/2013	RUF EPA18
o-Xylene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
o-Xylene	<10			<10	<2.3	10		2/19/2013	RUF EPA18
Tetrachloroethene	<10			<10	<1.5	10		2/19/2013	RUF EPA18

Results are blank corrected where applicable.

**Analytical Results
for
Dobbs Environmental**

Date: 21-Feb-13

Workorder: 1302B63

Client Reference: THGC-Wrens LLC

Analyte	Concentration					Limit of Detection (ug)	Qual	Date Analyzed /Analyst	Test Method
	Total (ug)	Front (ug)	Back (ug)	(mg/m3)	(ppm)				
Toluene	<10			<10	<2.7	10		2/19/2013 RUF	EPA18
Toluene	<10			<10	<2.7	10		2/19/2013 RUF	EPA18
trans-1,2-Dichloroethene	<10			<10	<2.5	10		2/19/2013 RUF	EPA18
Trichloroethene	<10			<10	<1.9	10		2/19/2013 RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		2/19/2013 RUF	EPA18
TRPH (Based on Benzene)	<100			<100	<31	100		2/19/2013 RUF	EPA18
Vinyl chloride	<10			<10	<3.9	10		2/19/2013 RUF	EPA18

(a) Analysis indicates possible breakthrough; back section result is greater than 10 % of the front section result.

General Notes:

<: Less than the indicated limit of detection (LOD).

--: Information not available or not applicable.

Back sections were checked and showed no significant breakthrough.

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Dobbs Work Order Number 1302B63

Checklist completed by AB Date 2/14/13

Carrier name: FedEx UPS Courier Client US Mail Other

Shipping container/coolers in good condition? Yes No Not Present

Custody seals intact on shipping container/coolers? Yes No Not Present

Custody seals intact on sample bottles? PT 2/14/13 Yes No Not Present

Container/Temp Blank temperature in compliance? ($4^{\circ}\text{C} \pm 2$)* Yes No

Cooler #1 Alubi Blatt 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.

Client:	Dobbs Environmental	Dates Report					
Project:	THGC-Wrens LLC						
Lab Order:	1302B63						

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1302B63-001A	UPPER SVE PRE CARBON	2/14/2013 9:35:00AM	Air	Aromatic Volatiles in Air		02/15/2013	02/18/2013
1302B63-001A	UPPER SVE PRE CARBON	2/14/2013 9:35:00AM	Air	Chlorinated Volatiles in Air		02/15/2013	02/18/2013
1302B63-001A	UPPER SVE PRE CARBON	2/14/2013 9:35:00AM	Air	Volatile Hydrocarbons in Air		02/15/2013	02/18/2013
1302B63-002A	UPPER SVE POST CARBON	2/14/2013 9:45:00AM	Air	Aromatic Volatiles in Air		02/15/2013	02/19/2013
1302B63-002A	UPPER SVE POST CARBON	2/14/2013 9:45:00AM	Air	Chlorinated Volatiles in Air		02/15/2013	02/19/2013
1302B63-002A	UPPER SVE POST CARBON	2/14/2013 9:45:00AM	Air	Volatile Hydrocarbons in Air		02/15/2013	02/19/2013
1302B63-003A	LOWER SVE PRE CARBON	2/14/2013 9:30:00AM	Air	Aromatic Volatiles in Air		02/15/2013	02/19/2013
1302B63-003A	LOWER SVE PRE CARBON	2/14/2013 9:30:00AM	Air	Chlorinated Volatiles in Air		02/15/2013	02/19/2013
1302B63-003A	LOWER SVE PRE CARBON	2/14/2013 9:30:00AM	Air	Volatile Hydrocarbons in Air		02/15/2013	02/19/2013
1302B63-004A	LOWER SVE POST CARBON	2/14/2013 9:40:00AM	Air	Aromatic Volatiles in Air		02/15/2013	02/19/2013
1302B63-004A	LOWER SVE POST CARBON	2/14/2013 9:40:00AM	Air	Chlorinated Volatiles in Air		02/15/2013	02/19/2013
1302B63-004A	LOWER SVE POST CARBON	2/14/2013 9:40:00AM	Air	Volatile Hydrocarbons in Air		02/15/2013	02/19/2013

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT**BatchID: 172521**

Sample ID: MB-172521	Client ID:				Units: ug, Total	Prep Date:	02/15/2013	Run No:	238777		
SampleType: MLBK	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 172521	Analysis Date:	02/18/2013	Seq No:	4999348		
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	10	0	0	0	0	0	0	0	0
1,1-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0
Carbon tetrachloride	BRL	10	0	0	0	0	0	0	0	0
Chloroform	BRL	10	0	0	0	0	0	0	0	0
cis-1,2-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0
Freon 141B	BRL	10	0	0	0	0	0	0	0	0
Methylene chloride	BRL	10	0	0	0	0	0	0	0	0
Tetrachloroethene	BRL	10	0	0	0	0	0	0	0	0
trans-1,2-Dichloroethene	BRL	10	0	0	0	0	0	0	0	0
Trichloroethene	BRL	10	0	0	0	0	0	0	0	0
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0

Sample ID: MB-172521	Client ID:				Units: ug, Total	Prep Date:	02/15/2013	Run No:	238778		
SampleType: MLBK	TestCode: Volatile Hydrocarbons in Air	EPA18			BatchID: 172521	Analysis Date:	02/18/2013	Seq No:	4999481		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	10	0	0	0	0	0	0	0	0	
Diethyl ether	BRL	10	0	0	0	0	0	0	0	0	
n-Heptane	BRL	10	0	0	0	0	0	0	0	0	
n-Hexane	BRL	10	0	0	0	0	0	0	0	0	

Sample ID: MB-172521	Client ID:				Units: ug, Total	Prep Date:	02/15/2013	Run No:	238779		
SampleType: MLBK	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 172521	Analysis Date:	02/18/2013	Seq No:	4999579		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Benzene	BRL	10	0	0	0	0	0	0	0	0
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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: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT**BatchID: 172521**

Sample ID: MB-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238779				
SampleType: MLBK	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999579				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	BRL	10	0	0	0	0	0	0	0	0	0
m,p-Xylene	BRL	20	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	BRL	10	0	0	0	0	0	0	0	0	0
Naphthalene	BRL	10	0	0	0	0	0	0	0	0	0
o-Xylene	BRL	10	0	0	0	0	0	0	0	0	0
Toluene	BRL	10	0	0	0	0	0	0	0	0	0
TRPH (Based on Benzene)	BRL	100	0	0	0	0	0	0	0	0	0

Sample ID: LCS-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238777				
SampleType: LCS	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999374				
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	98.55	10	100	0	98.5	84.6	121	0	0	0	0
Carbon tetrachloride	98.92	10	100	0	98.9	84.6	124	0	0	0	0
Chloroform	100.9	10	100	0	101	82.7	117	0	0	0	0
Methylene chloride	102.0	10	100	0	102	80	116	0	0	0	0
Tetrachloroethene	98.27	10	100	0	98.3	80	118	0	0	0	0
Trichloroethene	98.39	10	100	0	98.4	80	118	0	0	0	0

Sample ID: LCS-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238778				
SampleType: LCS	TestCode: Volatile Hydrocarbons in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999486				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2-Butanone	86.14	10	100	0	86.1	78.6	120	0	0	0	0
4-Methyl-2-pentanone	92.02	10	100	0	92	80	120	0	0	0	0
Acetone	76.87	10	100	0	76.9	70	120	0	0	0	0
Diethyl ether	95.14	10	100	0	95.1	80	120	0	0	0	0
n-Heptane	98.56	10	100	0	98.6	80	122	0	0	0	0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT**BatchID: 172521**

Sample ID: LCS-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238778				
SampleType: LCS	TestCode: Volatile Hydrocarbons in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999486				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
n-Hexane	100.2	10	100	0	100	80	121	0	0	0	
Sample ID: LCS-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238779				
SampleType: LCS	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999594				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	97.44	10	100	0	97.4	80	120	0	0	0	
Ethylbenzene	99.62	10	100	0	99.6	80	116	0	0	0	
m,p-Xylene	196.0	20	200	0	98	80	120	0	0	0	
Methyl tert-butyl ether	80.77	10	100	0	80.8	80	120	0	0	0	
Naphthalene	45.19	10	100	0	45.2	34.6	100	0	0	0	
o-Xylene	95.52	10	100	0	95.5	80	120	0	0	0	
Toluene	97.24	10	100	0	97.2	80	120	0	0	0	
Sample ID: LCS-172521-2	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238777				
SampleType: LCS	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999354				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	93.28	10	100	0	93.3	85.1	120	0	0	0	
cis-1,2-Dichloroethene	91.59	10	100	0	91.6	80	119	0	0	0	
trans-1,2-Dichloroethene	90.53	10	100	0	90.5	85.7	117	0	0	0	
Sample ID: LCS-172521-3	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238777				
SampleType: LCS	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999350				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	25.56	10	25	0	102	61.2	120	0	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL		Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J		Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim		Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT**BatchID: 172521**

Sample ID: LCSD-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238777				
SampleType: LCSD	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999377				
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	101.6	10	100	0	102	84.6	121	98.55	3	20
Carbon tetrachloride	103.3	10	100	0	103	84.6	124	98.92	4.29	20
Chloroform	99.06	10	100	0	99.1	82.7	117	100.9	1.81	20
Methylene chloride	103.5	10	100	0	104	80	116	102.0	1.45	20
Tetrachloroethene	103.2	10	100	0	103	80	118	98.27	4.92	20
Trichloroethene	103.6	10	100	0	104	80	118	98.39	5.12	20

Sample ID: LCSD-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238778				
SampleType: LCSD	TestCode: Volatile Hydrocarbons in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999488				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	90.58	10	100	0	90.6	78.6	120	86.14	5.02	20	
4-Methyl-2-pentanone	96.77	10	100	0	96.8	80	120	92.02	5.03	20	
Acetone	79.63	10	100	0	79.6	70	120	76.87	3.53	20	
Diethyl ether	98.82	10	100	0	98.8	80	120	95.14	3.8	20	
n-Heptane	103.2	10	100	0	103	80	122	98.56	4.57	20	
n-Hexane	104.9	10	100	0	105	80	121	100.2	4.65	20	

Sample ID: LCSD-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238779				
SampleType: LCSD	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999596				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	102.1	10	100	0	102	80	120	97.44	4.68	20	
Ethylbenzene	104.8	10	100	0	105	80	116	99.62	5.04	20	
m,p-Xylene	206.4	20	200	0	103	80	120	196.0	5.19	20	
Methyl tert-butyl ether	83.99	10	100	0	84	80	120	80.77	3.91	20	
Naphthalene	47.11	10	100	0	47.1	34.6	100	45.19	4.16	20	
o-Xylene	100.4	10	100	0	100	80	120	95.52	5	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: Dobbs Environmental
Project Name: THGC-Wrens LLC
Workorder: 1302B63

ANALYTICAL QC SUMMARY REPORT**BatchID: 172521**

Sample ID: LCSD-172521	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238779				
SampleType: LCSD	TestCode: Aromatic Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999596				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	102.3	10	100	0	102	80	120	97.24	5.12	20	
Sample ID: LCSD-172521-2	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238777				
SampleType: LCSD	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999357				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	90.41	10	100	0	90.4	85.1	120	93.28	3.13	20	
cis-1,2-Dichloroethene	88.77	10	100	0	88.8	80	119	91.59	3.13	20	
trans-1,2-Dichloroethene	88.10	10	100	0	88.1	85.7	117	90.53	2.71	20	
Sample ID: LCSD-172521-3	Client ID:				Units: ug, Total	Prep Date: 02/15/2013	Run No: 238777				
SampleType: LCSD	TestCode: Chlorinated Volatiles in Air	EPA18			BatchID: 172521	Analysis Date: 02/18/2013	Seq No: 4999352				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Vinyl chloride	25.36	10	25	0	101	61.2	120	25.56	0.797	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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

October 13, 2016

Denny Dobbs
Peachtree Environmental
3000 Northwoods Pkwy
Norcross GA 30071

TEL: (770) 449-6100
FAX: (770) 449-6119

RE: THCG Wrens

Dear Denny Dobbs: Order No: 1610494

Analytical Environmental Services, Inc. received 16 samples on 10/6/2016 3:44:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

- NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
- NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Tyrel Heckendorf
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES

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

CHAIN OF CUSTODY

Work Order: 1410494

Date: 10/5/16 Page 1 of 2

COMPANY: Peachtree Environmental		ADDRESS: 3000 Northwoods Pkwy Ste 105 Norcross, GA 30071		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No # of Containers								
PHONE: 770-449-6100		FAX: 770-449-6119																					
SAMPLED BY: Brad White		SIGNATURE: <i>Brad White</i>																					
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)										REMARKS						
		DATE	TIME				H ₂ O																
1	MW-1	10/4/16	12:23	✓		GW	✓												2				
2	MW-2	10/4/16	11:44	✓		GW	✓												2				
3	MW-3	10/4/16	14:40	✓		GW	✓												2				
4	MW-4	10/4/16	15:18	✓		GW	✓												2				
5	MW-5	10/4/16	12:44	✓		GW	✓												2				
6	MW-6	10/4/16	18:01	✓		GW	✓												2				
7	MW-7	10/5/16	10:20	✓		GW	✓												2				
8	MW-8	10/5/16	8:40	✓		GW	✓												2				
9	MW-9	10/4/16	16:26	✓		GW	✓												2				
10	MW-10	10/4/16	18:15	✓		GW	✓												2				
11	MW-11	10/5/16	9:52	✓		GW	✓												2				
12	RW-1	10/5/16	12:15	✓		GW	✓												2				
13	RW-2	10/5/16	11:35	✓		GW	✓												2				
14	DW-1	10/5/16	15:55	✓		GW	✓												2				
RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		PROJECT INFORMATION										RECEIPT					
<i>Brad White</i>		10/5/16 15:42		John Miller		10/6/16 3:44 pm		PROJECT NAME: THCB Wrens										Total # of Containers	28				
2:		2:						PROJECT #: 3342										Turnaround Time Request					
3:		3:						SITE ADDRESS: Wrens, GA										<input checked="" type="checkbox"/> Standard 5 Business Days					
								SEND REPORT TO: Peachtree Environmental										<input type="checkbox"/> 2 Business Day Rush					
																		<input type="checkbox"/> Next Business Day Rush					
																		<input type="checkbox"/> Same Day Rush (auth req.)					
																		<input type="checkbox"/> Other _____					
																		STATE PROGRAM (if any): _____					
																		E-mail? _____ Fax? _____					
																		DATA PACKAGE: I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/>					
SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY. IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.																							
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.																							

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

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



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES

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

CHAIN OF CUSTODY

Work Order: 1610494

Date: 10/15/16 Page 2 of 2

COMPANY: <i>Peachtree Environmental</i>		ADDRESS: 3000 Northwoods Pkwy Ste 105 Norcross, GA 30071		ANALYSIS REQUESTED								Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No # of Containers		
PHONE: 770-449-6100		FAX: 770-449-6119		YOC											
SAMPLED BY: Brad White		SIGNATURE: <i>BRD White</i>		PRESERVATION (See codes)								REMARKS			
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	H								
		DATE	TIME				T								
1	duplicate			✓		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: <i>Brad White</i>		10/16/16 15:42	1: <i>Jenny Murphy</i>	10/16/16 3:44 pm	PROJECT NAME: THG Wrens								Total # of Containers	4	
2:		2:	PROJECT #: 33A2								Turnaround Time Request				
3:		3:	SITE ADDRESS: Wrens, GA								<input checked="" type="checkbox"/> Standard 5 Business Days <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same Day Rush (auth req.) <input type="checkbox"/> Other _____				
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD: OUT / / VIA: IN / / VIA: CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER								SEND REPORT TO: Peachtree Environmental			STATE PROGRAM (if any): _____		
										INVOICE TO: (IF DIFFERENT FROM ABOVE)			E-mail? Fax?		
										QUOTE #: _____ PO#: _____			DATA PACKAGE: I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/>		

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

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

Page 3 of 41

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

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

Client: Peachtree Environmental
Project: THCG Wrens
Lab ID: 1610494

Case Narrative

Sample Receiving Nonconformance:

Sample -015A, Duplicate, was received without a collection date or time. Sample was reported with a collection date of 10/5/2016 per Daniel via phone on 10/13/2016.

Sample information on the Chain of Custody did not match that on the sample bottle labels for sample -004A. Sample -004 A has a collection time of 15:18, however on the sample label its written as 15:15. Samples were logged in using the information on the COC.

Analytical Environmental Services, Inc
Date: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-1					
Project Name:	THCG Wrens	Collection Date:	10/4/2016 12:23:00 PM					
Lab ID:	1610494-001	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	230838	1	10/08/2016 16:46	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 16:46	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 16:46	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 16:46	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 16:46	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 16:46	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 16:46	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 16:46	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 16:46	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-1
Project Name:	THCG Wrens	Collection Date:	10/4/2016 12:23:00 PM
Lab ID:	1610494-001	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	230838	1	10/08/2016 16:46	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 16:46	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 16:46	BN
Surr: 4-Bromofluorobenzene	88.6	70.7-125		%REC	230838	1	10/08/2016 16:46	BN
Surr: Dibromofluoromethane	97	82.2-120		%REC	230838	1	10/08/2016 16:46	BN
Surr: Toluene-d8	92	81.8-120		%REC	230838	1	10/08/2016 16:46	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-2
Project Name:	THCG Wrens	Collection Date:	10/4/2016 11:44:00 AM
Lab ID:	1610494-002	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	230838	1	10/08/2016 17:12	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 17:12	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 17:12	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 17:12	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 17:12	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 17:12	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 17:12	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 17:12	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 17:12	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-2
Project Name:	THCG Wrens	Collection Date:	10/4/2016 11:44:00 AM
Lab ID:	1610494-002	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	230838	1	10/08/2016 17:12	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:12	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 17:12	BN
Surr: 4-Bromofluorobenzene	89.1	70.7-125		%REC	230838	1	10/08/2016 17:12	BN
Surr: Dibromofluoromethane	101	82.2-120		%REC	230838	1	10/08/2016 17:12	BN
Surr: Toluene-d8	95.7	81.8-120		%REC	230838	1	10/08/2016 17:12	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-3
Project Name:	THCG Wrens	Collection Date:	10/4/2016 2:40:00 PM
Lab ID:	1610494-003	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	230838	1	10/08/2016 17:38	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,1-Dichloroethane	42	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,2-Dichloroethane	23	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 17:38	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 17:38	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 17:38	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 17:38	BN
Benzene	8.6	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 17:38	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 17:38	BN
cis-1,2-Dichloroethene	80	5.0		ug/L	230838	1	10/08/2016 17:38	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 17:38	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 17:38	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-3
Project Name:	THCG Wrens	Collection Date:	10/4/2016 2:40:00 PM
Lab ID:	1610494-003	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	230838	1	10/08/2016 17:38	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 17:38	BN
Vinyl chloride	5.8	2.0		ug/L	230838	1	10/08/2016 17:38	BN
Surr: 4-Bromofluorobenzene	86.3	70.7-125		%REC	230838	1	10/08/2016 17:38	BN
Surr: Dibromofluoromethane	101	82.2-120		%REC	230838	1	10/08/2016 17:38	BN
Surr: Toluene-d8	93.8	81.8-120		%REC	230838	1	10/08/2016 17:38	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-4
Project Name:	THCG Wrens	Collection Date:	10/4/2016 3:18:00 PM
Lab ID:	1610494-004	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	230838	1	10/08/2016 18:03	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,1-Dichloroethane		7.5	5.0	ug/L	230838	1	10/08/2016 18:03	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 18:03	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 18:03	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 18:03	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 18:03	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 18:03	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 18:03	BN
cis-1,2-Dichloroethene		19	5.0	ug/L	230838	1	10/08/2016 18:03	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 18:03	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 18:03	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-4
Project Name:	THCG Wrens	Collection Date:	10/4/2016 3:18:00 PM
Lab ID:	1610494-004	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	230838	1	10/08/2016 18:03	BN
Tetrachloroethene	31	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Trichloroethene	53	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:03	BN
Vinyl chloride	8.8	2.0		ug/L	230838	1	10/08/2016 18:03	BN
Surr: 4-Bromofluorobenzene	88.8	70.7-125	%REC		230838	1	10/08/2016 18:03	BN
Surr: Dibromofluoromethane	99.6	82.2-120	%REC		230838	1	10/08/2016 18:03	BN
Surr: Toluene-d8	95.2	81.8-120	%REC		230838	1	10/08/2016 18:03	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-5
Project Name:	THCG Wrens	Collection Date:	10/4/2016 12:44:00 PM
Lab ID:	1610494-005	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	230838	1	10/08/2016 18:29	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 18:29	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 18:29	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 18:29	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 18:29	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 18:29	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 18:29	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 18:29	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 18:29	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-5
Project Name:	THCG Wrens	Collection Date:	10/4/2016 12:44:00 PM
Lab ID:	1610494-005	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	230838	1	10/08/2016 18:29	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:29	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 18:29	BN
Surr: 4-Bromofluorobenzene	88.5	70.7-125		%REC	230838	1	10/08/2016 18:29	BN
Surr: Dibromofluoromethane	107	82.2-120		%REC	230838	1	10/08/2016 18:29	BN
Surr: Toluene-d8	99.8	81.8-120		%REC	230838	1	10/08/2016 18:29	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-6
Project Name:	THCG Wrens	Collection Date:	10/4/2016 6:01:00 PM
Lab ID:	1610494-006	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	230838	1	10/08/2016 18:55	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,1-Dichloroethane		6.8	5.0	ug/L	230838	1	10/08/2016 18:55	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 18:55	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 18:55	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 18:55	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 18:55	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 18:55	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 18:55	BN
cis-1,2-Dichloroethene		11	5.0	ug/L	230838	1	10/08/2016 18:55	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 18:55	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 18:55	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-6
Project Name:	THCG Wrens	Collection Date:	10/4/2016 6:01:00 PM
Lab ID:	1610494-006	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	230838	1	10/08/2016 18:55	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 18:55	BN
Vinyl chloride	7.2	2.0		ug/L	230838	1	10/08/2016 18:55	BN
Surr: 4-Bromofluorobenzene	87	70.7-125		%REC	230838	1	10/08/2016 18:55	BN
Surr: Dibromofluoromethane	103	82.2-120		%REC	230838	1	10/08/2016 18:55	BN
Surr: Toluene-d8	97.8	81.8-120		%REC	230838	1	10/08/2016 18:55	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-7
Project Name:	THCG Wrens	Collection Date:	10/5/2016 10:20:00 AM
Lab ID:	1610494-007	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	230838	1	10/08/2016 23:14	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,1-Dichloroethane	100	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,2-Dichloroethane	25	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 23:14	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 23:14	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 23:14	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 23:14	BN
Benzene	240	50		ug/L	230838	10	10/10/2016 14:18	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 23:14	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 23:14	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 23:14	BN
Ethylbenzene	10	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 23:14	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
o-Xylene	5.9	5.0		ug/L	230838	1	10/08/2016 23:14	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-7
Project Name:	THCG Wrens	Collection Date:	10/5/2016 10:20:00 AM
Lab ID:	1610494-007	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	230838	1	10/08/2016 23:14	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:14	BN
Vinyl chloride	4.8	2.0		ug/L	230838	1	10/08/2016 23:14	BN
Surr: 4-Bromofluorobenzene	90.5	70.7-125		%REC	230838	10	10/10/2016 14:18	BN
Surr: 4-Bromofluorobenzene	99	70.7-125		%REC	230838	1	10/08/2016 23:14	BN
Surr: Dibromofluoromethane	96.2	82.2-120		%REC	230838	1	10/08/2016 23:14	BN
Surr: Dibromofluoromethane	101	82.2-120		%REC	230838	10	10/10/2016 14:18	BN
Surr: Toluene-d8	91.7	81.8-120		%REC	230838	10	10/10/2016 14:18	BN
Surr: Toluene-d8	92.4	81.8-120		%REC	230838	1	10/08/2016 23:14	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-8
Project Name:	THCG Wrens	Collection Date:	10/5/2016 8:40:00 AM
Lab ID:	1610494-008	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	230838	1	10/08/2016 19:21	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 19:21	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 19:21	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 19:21	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 19:21	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 19:21	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 19:21	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 19:21	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 19:21	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-8
Project Name:	THCG Wrens	Collection Date:	10/5/2016 8:40:00 AM
Lab ID:	1610494-008	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	230838	1	10/08/2016 19:21	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:21	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 19:21	BN
Surr: 4-Bromofluorobenzene	87.8	70.7-125		%REC	230838	1	10/08/2016 19:21	BN
Surr: Dibromofluoromethane	102	82.2-120		%REC	230838	1	10/08/2016 19:21	BN
Surr: Toluene-d8	94.8	81.8-120		%REC	230838	1	10/08/2016 19:21	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-9
Project Name:	THCG Wrens	Collection Date:	10/4/2016 4:26:00 PM
Lab ID:	1610494-009	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	230838	1	10/08/2016 19:47	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 19:47	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 19:47	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 19:47	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 19:47	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 19:47	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 19:47	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 19:47	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 19:47	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-9
Project Name:	THCG Wrens	Collection Date:	10/4/2016 4:26:00 PM
Lab ID:	1610494-009	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	230838	1	10/08/2016 19:47	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 19:47	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 19:47	BN
Surr: 4-Bromofluorobenzene	87.9	70.7-125		%REC	230838	1	10/08/2016 19:47	BN
Surr: Dibromofluoromethane	101	82.2-120		%REC	230838	1	10/08/2016 19:47	BN
Surr: Toluene-d8	94.1	81.8-120		%REC	230838	1	10/08/2016 19:47	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-10
Project Name:	THCG Wrens	Collection Date:	10/4/2016 6:15:00 PM
Lab ID:	1610494-010	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	230838	1	10/08/2016 20:13	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,1-Dichloroethane	17	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,2-Dichloroethane	6.4	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 20:13	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 20:13	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 20:13	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 20:13	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 20:13	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 20:13	BN
cis-1,2-Dichloroethene	24	5.0		ug/L	230838	1	10/08/2016 20:13	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 20:13	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 20:13	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-10
Project Name:	THCG Wrens	Collection Date:	10/4/2016 6:15:00 PM
Lab ID:	1610494-010	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	230838	1	10/08/2016 20:13	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:13	BN
Vinyl chloride	6.5	2.0		ug/L	230838	1	10/08/2016 20:13	BN
Surr: 4-Bromofluorobenzene	87.5	70.7-125	%REC		230838	1	10/08/2016 20:13	BN
Surr: Dibromofluoromethane	106	82.2-120	%REC		230838	1	10/08/2016 20:13	BN
Surr: Toluene-d8	97.7	81.8-120	%REC		230838	1	10/08/2016 20:13	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-11
Project Name:	THCG Wrens	Collection Date:	10/5/2016 9:52:00 AM
Lab ID:	1610494-011	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	230838	1	10/08/2016 20:39	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,1-Dichloroethane		6.5	5.0	ug/L	230838	1	10/08/2016 20:39	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 20:39	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 20:39	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 20:39	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 20:39	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 20:39	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 20:39	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 20:39	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 20:39	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-11
Project Name:	THCG Wrens	Collection Date:	10/5/2016 9:52:00 AM
Lab ID:	1610494-011	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	230838	1	10/08/2016 20:39	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 20:39	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 20:39	BN
Surr: 4-Bromofluorobenzene	88.1	70.7-125		%REC	230838	1	10/08/2016 20:39	BN
Surr: Dibromofluoromethane	101	82.2-120		%REC	230838	1	10/08/2016 20:39	BN
Surr: Toluene-d8	97.2	81.8-120		%REC	230838	1	10/08/2016 20:39	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	RW-1
Project Name:	THCG Wrens	Collection Date:	10/5/2016 12:15:00 PM
Lab ID:	1610494-012	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	230838	1	10/08/2016 21:05	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 21:05	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 21:05	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 21:05	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 21:05	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 21:05	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 21:05	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 21:05	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 21:05	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	RW-1
Project Name:	THCG Wrens	Collection Date:	10/5/2016 12:15:00 PM
Lab ID:	1610494-012	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	230838	1	10/08/2016 21:05	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:05	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 21:05	BN
Surr: 4-Bromofluorobenzene	87.2	70.7-125		%REC	230838	1	10/08/2016 21:05	BN
Surr: Dibromofluoromethane	113	82.2-120		%REC	230838	1	10/08/2016 21:05	BN
Surr: Toluene-d8	104	81.8-120		%REC	230838	1	10/08/2016 21:05	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	RW-2
Project Name:	THCG Wrens	Collection Date:	10/5/2016 11:35:00 AM
Lab ID:	1610494-013	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	230838	1	10/08/2016 21:31	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,1-Dichloroethane		8.1	5.0	ug/L	230838	1	10/08/2016 21:31	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 21:31	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 21:31	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 21:31	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 21:31	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 21:31	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 21:31	BN
cis-1,2-Dichloroethene		8.2	5.0	ug/L	230838	1	10/08/2016 21:31	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 21:31	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 21:31	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	RW-2
Project Name:	THCG Wrens	Collection Date:	10/5/2016 11:35:00 AM
Lab ID:	1610494-013	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	230838	1	10/08/2016 21:31	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:31	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 21:31	BN
Surr: 4-Bromofluorobenzene	89.1	70.7-125		%REC	230838	1	10/08/2016 21:31	BN
Surr: Dibromofluoromethane	104	82.2-120		%REC	230838	1	10/08/2016 21:31	BN
Surr: Toluene-d8	95.2	81.8-120		%REC	230838	1	10/08/2016 21:31	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	DW-1
Project Name:	THCG Wrens	Collection Date:	10/4/2016 3:55:00 PM
Lab ID:	1610494-014	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	230838	1	10/08/2016 21:57	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 21:57	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 21:57	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 21:57	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 21:57	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 21:57	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 21:57	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 21:57	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 21:57	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	DW-1
Project Name:	THCG Wrens	Collection Date:	10/4/2016 3:55:00 PM
Lab ID:	1610494-014	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	230838	1	10/08/2016 21:57	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 21:57	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 21:57	BN
Surr: 4-Bromofluorobenzene	86.9	70.7-125		%REC	230838	1	10/08/2016 21:57	BN
Surr: Dibromofluoromethane	105	82.2-120		%REC	230838	1	10/08/2016 21:57	BN
Surr: Toluene-d8	98	81.8-120		%REC	230838	1	10/08/2016 21:57	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	DUPLICATE
Project Name:	THCG Wrens	Collection Date:	10/5/2016
Lab ID:	1610494-015	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	230838	1	10/08/2016 23:40	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 23:40	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 23:40	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 23:40	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 23:40	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 23:40	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 23:40	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 23:40	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 23:40	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	DUPLICATE
Project Name:	THCG Wrens	Collection Date:	10/5/2016
Lab ID:	1610494-015	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	230838	1	10/08/2016 23:40	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 23:40	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 23:40	BN
Surr: 4-Bromofluorobenzene	86.1	70.7-125		%REC	230838	1	10/08/2016 23:40	BN
Surr: Dibromofluoromethane	101	82.2-120		%REC	230838	1	10/08/2016 23:40	BN
Surr: Toluene-d8	93.8	81.8-120		%REC	230838	1	10/08/2016 23:40	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	TRIP BLANK
Project Name:	THCG Wrens	Collection Date:	10/6/2016
Lab ID:	1610494-016	Matrix:	Aqueous

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	230838	1	10/08/2016 14:37	BN
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,1,2-Trichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,1-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,1-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,2-Dibromoethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,2-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,2-Dichloroethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,2-Dichloropropane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,3-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
1,4-Dichlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
2-Butanone	BRL	50		ug/L	230838	1	10/08/2016 14:37	BN
2-Hexanone	BRL	10		ug/L	230838	1	10/08/2016 14:37	BN
4-Methyl-2-pentanone	BRL	10		ug/L	230838	1	10/08/2016 14:37	BN
Acetone	BRL	50		ug/L	230838	1	10/08/2016 14:37	BN
Benzene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Bromodichloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Bromoform	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Bromomethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Carbon disulfide	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Carbon tetrachloride	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Chlorobenzene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Chloroethane	BRL	10		ug/L	230838	1	10/08/2016 14:37	BN
Chloroform	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Chloromethane	BRL	10		ug/L	230838	1	10/08/2016 14:37	BN
cis-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
cis-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Cyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Dibromochloromethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Dichlorodifluoromethane	BRL	10		ug/L	230838	1	10/08/2016 14:37	BN
Ethylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Freon-113	BRL	10		ug/L	230838	1	10/08/2016 14:37	BN
Isopropylbenzene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
m,p-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Methyl acetate	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Methyl tert-butyl ether	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Methylcyclohexane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Methylene chloride	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
o-Xylene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	TRIP BLANK
Project Name:	THCG Wrens	Collection Date:	10/6/2016
Lab ID:	1610494-016	Matrix:	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B								
							(SW5030B)	
Styrene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Tetrachloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Toluene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
trans-1,2-Dichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
trans-1,3-Dichloropropene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Trichloroethene	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Trichlorofluoromethane	BRL	5.0		ug/L	230838	1	10/08/2016 14:37	BN
Vinyl chloride	BRL	2.0		ug/L	230838	1	10/08/2016 14:37	BN
Surr: 4-Bromofluorobenzene	86.8	70.7-125		%REC	230838	1	10/08/2016 14:37	BN
Surr: Dibromofluoromethane	100	82.2-120		%REC	230838	1	10/08/2016 14:37	BN
Surr: Toluene-d8	96	81.8-120		%REC	230838	1	10/08/2016 14:37	BN

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Peachtree Env.Work Order Number 1610494Checklist completed by J Signature _____ Date 10/16/2014Carrier name: FedEx UPS Courier Client US Mail Other _____Shipping container/coolers in good condition? Yes No Not Present Custody seals intact on shipping container/coolers? Yes No Not Present Custody seals intact on sample bottles? Yes No Not Present Container/Temp Blank temperature in compliance? ($0^{\circ}\leq 6^{\circ}\text{C}$)* Yes No Cooler #1 0.4°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler #5 _____ Cooler #6 _____Chain of custody present? Yes No Chain of custody signed when relinquished and received? Yes No Chain of custody agrees with sample labels? Yes No Samples in proper container/bottle? Yes No Sample containers intact? Yes No Sufficient sample volume for indicated test? Yes No All samples received within holding time? Yes No Was TAT marked on the COC? Yes No Proceed with Standard TAT as per project history? Yes No Not Applicable Water - VOA vials have zero headspace? No VOA vials submitted Yes No Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by _____

Sample Condition: Good Other(Explain) _____(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: Peachtree Environmental
Project Name: THCG Wrens
Workorder: 1610494

ANALYTICAL QC SUMMARY REPORT**BatchID: 230838**

Sample ID: MB-230838	Client ID:			Units: ug/L	Prep Date: 10/08/2016	Run No: 327022					
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B			BatchID: 230838	Analysis Date: 10/08/2016	Seq No: 7088614					
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
Workorder: 1610494

ANALYTICAL QC SUMMARY REPORT**BatchID: 230838**

Sample ID: MB-230838	Client ID:	Units: ug/L			Prep Date:	10/08/2016	Run No:	327022			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 230838			Analysis Date:	10/08/2016	Seq No:	7088614			
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	45.60	0	50.00		91.2	70.7	125				
Surr: Dibromofluoromethane	49.06	0	50.00		98.1	82.2	120				
Surr: Toluene-d8	47.60	0	50.00		95.2	81.8	120				

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
Workorder: 1610494

ANALYTICAL QC SUMMARY REPORT**BatchID: 230838**

Sample ID: LCS-230838	Client ID:				Units: ug/L	Prep Date: 10/08/2016	Run No: 327022				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 230838	Analysis Date: 10/08/2016	Seq No: 7088455				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	46.62	5.0	50.00		93.2	65.3	137				
Benzene	47.54	5.0	50.00		95.1	74.9	123				
Chlorobenzene	49.07	5.0	50.00		98.1	73.9	124				
Toluene	48.60	5.0	50.00		97.2	75	124				
Trichloroethene	46.90	5.0	50.00		93.8	73.1	128				
Surr: 4-Bromofluorobenzene	45.39	0	50.00		90.8	70.7	125				
Surr: Dibromofluoromethane	48.08	0	50.00		96.2	82.2	120				
Surr: Toluene-d8	46.17	0	50.00		92.3	81.8	120				

Sample ID: 1610496-006AMS	Client ID:				Units: ug/L	Prep Date: 10/08/2016	Run No: 327022				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 230838	Analysis Date: 10/08/2016	Seq No: 7088458				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2268	250	2500		90.7	60	150				
Benzene	2340	250	2500		93.6	70.1	132				
Chlorobenzene	2362	250	2500		94.5	70.9	131				
Toluene	2396	250	2500		95.9	70.1	133				
Trichloroethene	2282	250	2500		91.3	70	136				
Surr: 4-Bromofluorobenzene	2234	0	2500		89.4	70.7	125				
Surr: Dibromofluoromethane	2446	0	2500		97.8	82.2	120				
Surr: Toluene-d8	2287	0	2500		91.5	81.8	120				

Sample ID: 1610496-006AMSD	Client ID:				Units: ug/L	Prep Date: 10/08/2016	Run No: 327022				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 230838	Analysis Date: 10/08/2016	Seq No: 7088459				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2110	250	2500		84.4	60	150	2268	7.24	17.7	
Benzene	2236	250	2500		89.4	70.1	132	2340	4.57	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
Workorder: 1610494

ANALYTICAL QC SUMMARY REPORT**BatchID: 230838**

Sample ID: 1610496-006AMSD	Client ID:				Units: ug/L	Prep Date:	10/08/2016	Run No: 327022
SampleType: MSD	TestCode:	TCL VOLATILE ORGANICS SW8260B			BatchID: 230838	Analysis Date:	10/08/2016	Seq No: 7088459
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val
Chlorobenzene	2296	250	2500		91.8	70.9	131	2362
Toluene	2312	250	2500		92.5	70.1	133	2396
Trichloroethene	2150	250	2500		86.0	70	136	2282
Surr: 4-Bromofluorobenzene	2201	0	2500		88.0	70.7	125	2234
Surr: Dibromofluoromethane	2384	0	2500		95.4	82.2	120	2446
Surr: Toluene-d8	2328	0	2500		93.1	81.8	120	2287
								Qual

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



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

October 12, 2016

Denny Dobbs
Peachtree Environmental
3000 Northwoods Pkwy
Norcross GA 30071

TEL: (770) 449-6100
FAX: (770) 449-6119

RE: THCG Wrens

Dear Denny Dobbs: Order No: 1610493

Analytical Environmental Services, Inc. received 1 samples on 10/6/2016 3:44:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

- NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
- NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

A handwritten signature in black ink, appearing to read "Tyrel Heckendorf".

Tyrel Heckendorf
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES

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

CHAIN OF CUSTODY

Work Order: 11010493

Date: 10/5/16 Page 1 of 1

COMPANY: Peachtree Environmental		ADDRESS: 3000 Northwoods Pkwy Ste 105 Norcross, GA 30071		ANALYSIS REQUESTED								Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No # of Containers				
				DOC+	SJOC+	PCBs											
PHONE: 770-449-6100		FAX: 770-449-6119															
SAMPLED BY: Brad White		SIGNATURE: B. White															
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)								REMARKS		
		DATE	TIME														
1	MW-11-FP	10/5/16	8:10	✓		O	✓	✓	✓						4		
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: B. White		10/6/16 15:42		1: Jenny Mullig		10/6/16 3:44 pm		PROJECT NAME: THCG Wrens								Total # of Containers	4
2:		2:						PROJECT #: 33A2								Turnaround Time Request	
3:		3:						SITE ADDRESS: Wrens, GA								<input checked="" type="checkbox"/> Standard 5 Business Days <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same Day Rush (auth req.) <input type="checkbox"/> Other _____	
SPECIAL INSTRUCTIONS/COMMENTS: O (other) - free product		SHIPMENT METHOD:		OUT / / VIA:		IN / / VIA:		INVOICE TO: (IF DIFFERENT FROM ABOVE)								STATE PROGRAM (if any): _____	
				CLIENT FedEx UPS MAIL COURIER		GREYHOUND OTHER		QUOTE #: _____ PO#: _____								E-mail? _____ Fax? _____	DATA PACKAGE: I O II O III O IV O

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

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

Page 2 of 19

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

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

Client: Peachtree Environmental
Project: THCG Wrens
Lab ID: 1610493

Case Narrative

Semi-Volatile Organics Analysis by Method 8270D:

Due to sample matrix, sample 1610493-001B required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc
Date: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-11-FP					
Project Name:	THCG Wrens	Collection Date:	10/5/2016 8:10:00 AM					
Lab ID:	1610493-001	Matrix:	Waste					
Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMICVOLATILE ORGANICS SW8270D							(SW3580A)	
1,1'-Biphenyl	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2,4,5-Trichlorophenol	BRL	2500		mg/Kg	230705	5	10/07/2016 14:10	YH
2,4,6-Trichlorophenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2,4-Dichlorophenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2,4-Dimethylphenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2,4-Dinitrophenol	BRL	2500		mg/Kg	230705	5	10/07/2016 14:10	YH
2,4-Dinitrotoluene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2,6-Dinitrotoluene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2-Chloronaphthalene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2-Chlorophenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2-Methylnaphthalene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2-Methylphenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
2-Nitroaniline	BRL	2500		mg/Kg	230705	5	10/07/2016 14:10	YH
2-Nitrophenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
3,3'-Dichlorobenzidine	BRL	3400		mg/Kg	230705	5	10/07/2016 14:10	YH
3-Nitroaniline	BRL	2500		mg/Kg	230705	5	10/07/2016 14:10	YH
4,6-Dinitro-2-methylphenol	BRL	2500		mg/Kg	230705	5	10/07/2016 14:10	YH
4-Bromophenyl phenyl ether	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
4-Chloro-3-methylphenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
4-Chloroaniline	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
4-Chlorophenyl phenyl ether	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
4-Methylphenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
4-Nitroaniline	BRL	2500		mg/Kg	230705	5	10/07/2016 14:10	YH
4-Nitrophenol	BRL	2500		mg/Kg	230705	5	10/07/2016 14:10	YH
Acenaphthene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Acenaphthylene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Acetophenone	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Anthracene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Atrazine	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Benz(a)anthracene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Benzaldehyde	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Benzo(a)pyrene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Benzo(b)fluoranthene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Benzo(g,h,i)perylene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Benzo(k)fluoranthene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Bis(2-chloroethoxy)methane	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Bis(2-chloroethyl)ether	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Bis(2-chloroisopropyl)ether	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Bis(2-ethylhexyl)phthalate	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Butyl benzyl phthalate	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Caprolactam	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH

Qualifiers: * Value exceeds maximum contaminant level

E Estimated (value above quantitation range)

BRL Below reporting limit

S Spike Recovery outside limits due to matrix

H Holding times for preparation or analysis exceeded

Narr See case narrative

N Analyte not NELAC certified

NC Not confirmed

B Analyte detected in the associated method blank

< Less than Result value

> Greater than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-11-FP
Project Name:	THCG Wrens	Collection Date:	10/5/2016 8:10:00 AM
Lab ID:	1610493-001	Matrix:	Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMITOLATILE ORGANICS SW8270D								
Carbazole	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Chrysene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Di-n-butyl phthalate	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Di-n-octyl phthalate	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Dibenz(a,h)anthracene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Dibenzofuran	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Diethyl phthalate	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Dimethyl phthalate	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Fluoranthene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Fluorene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Hexachlorobenzene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Hexachlorobutadiene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Hexachlorocyclopentadiene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Hexachloroethane	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Indeno(1,2,3-cd)pyrene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Isophorone	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
N-Nitrosodi-n-propylamine	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
N-Nitrosodiphenylamine	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Naphthalene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Nitrobenzene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Pentachlorophenol	BRL	2500		mg/Kg	230705	5	10/07/2016 14:10	YH
Phenanthere	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Phenol	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Pyrene	BRL	500		mg/Kg	230705	5	10/07/2016 14:10	YH
Surr: 2,4,6-Tribromophenol	63.4	51.3-149		%REC	230705	5	10/07/2016 14:10	YH
Surr: 2-Fluorobiphenyl	81.1	70.5-133		%REC	230705	5	10/07/2016 14:10	YH
Surr: 2-Fluorophenol	78.9	61.7-134		%REC	230705	5	10/07/2016 14:10	YH
Surr: 4-Terphenyl-d14	93.9	66.8-139		%REC	230705	5	10/07/2016 14:10	YH
Surr: Nitrobenzene-d5	78.7	57.3-138		%REC	230705	5	10/07/2016 14:10	YH
Surr: Phenol-d5	81	56.9-136		%REC	230705	5	10/07/2016 14:10	YH
TCL VOLATILE ORGANICS SW8260B								
							(SW5035)	
1,1,1-Trichloroethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,1,2,2-Tetrachloroethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,1,2-Trichloroethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,1-Dichloroethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,1-Dichloroethene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,2,4-Trichlorobenzene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,2-Dibromo-3-chloropropane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,2-Dibromoethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,2-Dichlorobenzene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR

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: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-11-FP
Project Name:	THCG Wrens	Collection Date:	10/5/2016 8:10:00 AM
Lab ID:	1610493-001	Matrix:	Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B							(SW5035)	
1,2-Dichloroethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,2-Dichloropropane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,3-Dichlorobenzene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
1,4-Dichlorobenzene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
2-Butanone	BRL	24		mg/Kg	230907	50	10/11/2016 14:03	AR
2-Hexanone	BRL	4.8		mg/Kg	230907	50	10/11/2016 14:03	AR
4-Methyl-2-pentanone	BRL	4.8		mg/Kg	230907	50	10/11/2016 14:03	AR
Acetone	BRL	24		mg/Kg	230907	50	10/11/2016 14:03	AR
Benzene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Bromodichloromethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Bromoform	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Bromomethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Carbon disulfide	BRL	4.8		mg/Kg	230907	50	10/11/2016 14:03	AR
Carbon tetrachloride	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Chlorobenzene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Chloroethane	BRL	4.8		mg/Kg	230907	50	10/11/2016 14:03	AR
Chloroform	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Chloromethane	BRL	4.8		mg/Kg	230907	50	10/11/2016 14:03	AR
cis-1,2-Dichloroethene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
cis-1,3-Dichloropropene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Cyclohexane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Dibromochloromethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Dichlorodifluoromethane	BRL	4.8		mg/Kg	230907	50	10/11/2016 14:03	AR
Ethylbenzene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Freon-113	BRL	4.8		mg/Kg	230907	50	10/11/2016 14:03	AR
Isopropylbenzene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
m,p-Xylene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Methyl acetate	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Methyl tert-butyl ether	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Methylcyclohexane		4.9	2.4	mg/Kg	230907	50	10/11/2016 14:03	AR
Methylene chloride	BRL	9.6		mg/Kg	230907	50	10/11/2016 14:03	AR
o-Xylene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Styrene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Tetrachloroethene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Toluene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
trans-1,2-Dichloroethene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
trans-1,3-Dichloropropene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Trichloroethene	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Trichlorofluoromethane	BRL	2.4		mg/Kg	230907	50	10/11/2016 14:03	AR
Vinyl chloride	BRL	4.8		mg/Kg	230907	50	10/11/2016 14:03	AR
Surr: 4-Bromofluorobenzene	123	70-128		%REC	230907	50	10/11/2016 14:03	AR

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)

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Narr See case narrative

NC Not confirmed

< Less than Result value

J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 13-Oct-16

Client:	Peachtree Environmental	Client Sample ID:	MW-11-FP
Project Name:	THCG Wrens	Collection Date:	10/5/2016 8:10:00 AM
Lab ID:	1610493-001	Matrix:	Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B								
Surr: Dibromofluoromethane	110	78.2-128	%REC	230907	50	10/11/2016 14:03	AR	
Surr: Toluene-d8	112	76.5-116	%REC	230907	50	10/11/2016 14:03	AR	
POLYCHLORINATED BIPHENYLS SW8082A								
Aroclor 1016	BRL	1.0	mg/Kg	230706	1	10/07/2016 16:34	SH	
Aroclor 1221	BRL	1.0	mg/Kg	230706	1	10/07/2016 16:34	SH	
Aroclor 1232	BRL	1.0	mg/Kg	230706	1	10/07/2016 16:34	SH	
Aroclor 1242	3.0	1.0	mg/Kg	230706	1	10/07/2016 16:34	SH	
Aroclor 1248	BRL	1.0	mg/Kg	230706	1	10/07/2016 16:34	SH	
Aroclor 1254	1.4	1.0	mg/Kg	230706	1	10/07/2016 16:34	SH	
Aroclor 1260	BRL	1.0	mg/Kg	230706	1	10/07/2016 16:34	SH	
Surr: Decachlorobiphenyl	71.9	48.6-156	%REC	230706	1	10/07/2016 16:34	SH	
Surr: Tetrachloro-m-xylene	134	47-168	%REC	230706	1	10/07/2016 16:34	SH	

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Flacktree Env.Work Order Number 1010493Checklist completed by J Signature _____ Date 10/16/2014Carrier name: FedEx UPS Courier Client ✓ US Mail Other Shipping container/cooler in good condition? Yes ✓ No Not Present Custody seals intact on shipping container/cooler? Yes No Not Present ✓Custody seals intact on sample bottles? Yes No Not Present ✓Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No Cooler #1 0.4°C Cooler #2 Cooler #3 Cooler #4 Cooler#5 Cooler #6 Chain of custody present? Yes ✓ No Chain of custody signed when relinquished and received? Yes ✓ No Chain of custody agrees with sample labels? Yes ✓ No Samples in proper container/bottle? Yes ✓ No Sample containers intact? Yes ✓ No Sufficient sample volume for indicated test? Yes ✓ No All samples received within holding time? Yes ✓ No Was TAT marked on the COC? Yes ✓ No Proceed with Standard TAT as per project history? Yes No Not Applicable ✓Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes No Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____(For diffusive samples or AIHA lead) Is a known blank included? Yes No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: Peachtree Environmental
Project Name: THCG Wrens
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230705**

Sample ID: MB-230705	Client ID:	Units: mg/Kg	Prep Date: 10/07/2016	Run No: 326934							
SampleType: MBLK	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D	BatchID: 230705	Analysis Date: 10/07/2016	Seq No: 7085804							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1'-Biphenyl	BRL	100									
2,4,5-Trichlorophenol	BRL	500									
2,4,6-Trichlorophenol	BRL	100									
2,4-Dichlorophenol	BRL	100									
2,4-Dimethylphenol	BRL	100									
2,4-Dinitrophenol	BRL	500									
2,4-Dinitrotoluene	BRL	100									
2,6-Dinitrotoluene	BRL	100									
2-Chloronaphthalene	BRL	100									
2-Chlorophenol	BRL	100									
2-Methylnaphthalene	BRL	100									
2-Methylphenol	BRL	100									
2-Nitroaniline	BRL	500									
2-Nitrophenol	BRL	100									
3,3'-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	500									
4,6-Dinitro-2-methylphenol	BRL	500									
4-Bromophenyl phenyl ether	BRL	100									
4-Chloro-3-methylphenol	BRL	100									
4-Chloroaniline	BRL	100									
4-Chlorophenyl phenyl ether	BRL	100									
4-Methylphenol	BRL	100									
4-Nitroaniline	BRL	500									
4-Nitrophenol	BRL	500									
Acenaphthene	BRL	100									
Acenaphthylene	BRL	100									
Acetophenone	BRL	100									

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230705**

Sample ID: MB-230705	Client ID:	Units: mg/Kg			Prep Date:	10/07/2016	Run No:	326934			
SampleType: MBLK	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D	BatchID: 230705			Analysis Date:	10/07/2016	Seq No:	7085804			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	100									
Atrazine	BRL	100									
Benz(a)anthracene	BRL	100									
Benzaldehyde	BRL	100									
Benzo(a)pyrene	BRL	100									
Benzo(b)fluoranthene	BRL	100									
Benzo(g,h,i)perylene	BRL	100									
Benzo(k)fluoranthene	BRL	100									
Bis(2-chloroethoxy)methane	BRL	100									
Bis(2-chloroethyl)ether	BRL	100									
Bis(2-chloroisopropyl)ether	BRL	100									
Bis(2-ethylhexyl)phthalate	BRL	100									
Butyl benzyl phthalate	BRL	100									
Caprolactam	BRL	100									
Carbazole	BRL	100									
Chrysene	BRL	100									
Di-n-butyl phthalate	BRL	100									
Di-n-octyl phthalate	BRL	100									
Dibenz(a,h)anthracene	BRL	100									
Dibenzofuran	BRL	100									
Diethyl phthalate	BRL	100									
Dimethyl phthalate	BRL	100									
Fluoranthene	BRL	100									
Fluorene	BRL	100									
Hexachlorobenzene	BRL	100									
Hexachlorobutadiene	BRL	100									
Hexachlorocyclopentadiene	BRL	100									

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230705**

Sample ID: MB-230705	Client ID:				Units: mg/Kg	Prep Date: 10/07/2016	Run No: 326934				
SampleType: MBLK	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D				BatchID: 230705	Analysis Date: 10/07/2016	Seq No: 7085804				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	100									
Indeno(1,2,3-cd)pyrene	BRL	100									
Isophorone	BRL	100									
N-Nitrosodi-n-propylamine	BRL	100									
N-Nitrosodiphenylamine	BRL	100									
Naphthalene	BRL	100									
Nitrobenzene	BRL	100									
Pentachlorophenol	BRL	500									
Phenanthren	BRL	100									
Phenol	BRL	100									
Pyrene	BRL	100									
Surr: 2,4,6-Tribromophenol	770.0	0	1000		77.0	51.3	149				
Surr: 2-Fluorobiphenyl	426.5	0	500.0		85.3	70.5	133				
Surr: 2-Fluorophenol	908.7	0	1000		90.9	61.7	134				
Surr: 4-Terphenyl-d14	461.0	0	500.0		92.2	66.8	139				
Surr: Nitrobenzene-d5	463.2	0	500.0		92.6	57.3	138				
Surr: Phenol-d5	944.7	0	1000		94.5	56.9	136				

Sample ID: LCS-230705	Client ID:				Units: mg/Kg	Prep Date: 10/07/2016	Run No: 326943				
SampleType: LCS	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D				BatchID: 230705	Analysis Date: 10/07/2016	Seq No: 7086228				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	893.8	100	1000		89.4	74.3	124				
2-Chlorophenol	900.0	100	1000		90.0	70.3	135				
4-Chloro-3-methylphenol	880.7	100	1000		88.1	77.1	126				
4-Nitrophenol	658.7	500	1000		65.9	52.6	123				
Acenaphthene	846.6	100	1000		84.7	78.4	127				
N-Nitrosodi-n-propylamine	852.4	100	1000		85.2	80	138				

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		Page 11 of 19

Client: Peachtree Environmental
Project Name: THCG Wrens
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230705**

Sample ID: LCS-230705	Client ID: 	Units: mg/Kg	Prep Date: 10/07/2016	Run No: 326943							
SampleType: LCS	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D	BatchID: 230705	Analysis Date: 10/07/2016	Seq No: 7086228							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	655.2	500	1000		65.5	50.5	122				
Phenol	804.7	100	1000		80.5	67.6	121				
Pyrene	848.6	100	1000		84.9	73.1	136				
Surr: 2,4,6-Tribromophenol	884.7	0	1000		88.5	51.3	149				
Surr: 2-Fluorobiphenyl	469.4	0	500.0		93.9	70.5	133				
Surr: 2-Fluorophenol	928.8	0	1000		92.9	61.7	134				
Surr: 4-Terphenyl-d14	465.8	0	500.0		93.2	66.8	139				
Surr: Nitrobenzene-d5	437.4	0	500.0		87.5	57.3	138				
Surr: Phenol-d5	912.1	0	1000		91.2	56.9	136				

Sample ID: 1610493-001BMS	Client ID: MW-11-FP	Units: mg/Kg	Prep Date: 10/07/2016	Run No: 326934							
SampleType: MS	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D	BatchID: 230705	Analysis Date: 10/07/2016	Seq No: 7086265							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	667.0	500	1000		66.7	46.1	120				
2-Chlorophenol	904.5	500	1000		90.4	59.4	126				
4-Chloro-3-methylphenol	845.5	500	1000		84.6	52.3	136				
4-Nitrophenol	BRL	2500	1000		0	33.5	120				S
Acenaphthene	838.5	500	1000		83.8	60.5	136				
N-Nitrosodi-n-propylamine	1041	500	1000		104	76.3	138				
Pentachlorophenol	BRL	2500	1000		0	33	120				S
Phenol	893.0	500	1000		89.3	54.1	118				
Pyrene	925.0	500	1000		92.5	58.7	133				
Surr: 2,4,6-Tribromophenol	666.5	0	1000		66.6	51.3	149				
Surr: 2-Fluorobiphenyl	429.5	0	500.0		85.9	70.5	133				
Surr: 2-Fluorophenol	867.5	0	1000		86.8	61.7	134				
Surr: 4-Terphenyl-d14	463.0	0	500.0		92.6	66.8	139				
Surr: Nitrobenzene-d5	425.0	0	500.0		85.0	57.3	138				

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230705**

Sample ID: 1610493-001BMS	Client ID: MW-11-FP				Units: mg/Kg	Prep Date: 10/07/2016	Run No: 326934				
SampleType: MS	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D				BatchID: 230705	Analysis Date: 10/07/2016	Seq No: 7086265				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	921.5	0	1000		92.2	56.9	136				
Sample ID: 1610493-001BMSD	Client ID: MW-11-FP				Units: mg/Kg	Prep Date: 10/07/2016	Run No: 326934				
SampleType: MSD	TestCode: TCL-SEMOVOLATILE ORGANICS SW8270D				BatchID: 230705	Analysis Date: 10/07/2016	Seq No: 7086266				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	706.0	500	1000		70.6	46.1	120	667.0	5.68	26.8	
2-Chlorophenol	903.0	500	1000		90.3	59.4	126	904.5	0.166	22.3	
4-Chloro-3-methylphenol	905.0	500	1000		90.5	52.3	136	845.5	6.80	25.9	
4-Nitrophenol	BRL	2500	1000		0	33.5	120	0	0	21.3	S
Acenaphthene	859.5	500	1000		86.0	60.5	136	838.5	2.47	24	
N-Nitrosodi-n-propylamine	1060	500	1000		106	76.3	138	1041	1.81	17.5	
Pentachlorophenol	BRL	2500	1000		0	33	120	0	0	21	S
Phenol	894.5	500	1000		89.4	54.1	118	893.0	0.168	21.6	
Pyrene	973.0	500	1000		97.3	58.7	133	925.0	5.06	25.1	
Surr: 2,4,6-Tribromophenol	721.5	0	1000		72.2	51.3	149	666.5	0	0	
Surr: 2-Fluorobiphenyl	440.5	0	500.0		88.1	70.5	133	429.5	0	0	
Surr: 2-Fluorophenol	868.5	0	1000		86.8	61.7	134	867.5	0	0	
Surr: 4-Terphenyl-d14	470.0	0	500.0		94.0	66.8	139	463.0	0	0	
Surr: Nitrobenzene-d5	451.0	0	500.0		90.2	57.3	138	425.0	0	0	
Surr: Phenol-d5	906.0	0	1000		90.6	56.9	136	921.5	0	0	

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230706**

Sample ID: MB-230706	Client ID:				Units: mg/Kg	Prep Date: 10/07/2016	Run No: 327233				
SampleType: MBLK	TestCode: POLYCHLORINATED BIPHENYLS SW8082A				BatchID: 230706	Analysis Date: 10/07/2016	Seq No: 7094178				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	BRL	1.0									
Aroclor 1221	BRL	1.0									
Aroclor 1232	BRL	1.0									
Aroclor 1242	BRL	1.0									
Aroclor 1248	BRL	1.0									
Aroclor 1254	BRL	1.0									
Aroclor 1260	BRL	1.0									
Surr: Decachlorobiphenyl	0.6601	0	0.5000		132	48.6	156				
Surr: Tetrachloro-m-xylene	0.6740	0	0.5000		135	47	168				

Sample ID: LCS-230706	Client ID:				Units: mg/Kg	Prep Date: 10/07/2016	Run No: 327233				
SampleType: LCS	TestCode: POLYCHLORINATED BIPHENYLS SW8082A				BatchID: 230706	Analysis Date: 10/07/2016	Seq No: 7094179				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	5.701	1.0	5.000		114	82.6	149				
Aroclor 1260	6.362	1.0	5.000		127	74.8	149				
Surr: Decachlorobiphenyl	0.7202	0	0.5000		144	48.6	156				
Surr: Tetrachloro-m-xylene	0.7241	0	0.5000		145	47	168				

Sample ID: 1610493-001BMS	Client ID: MW-11-FP				Units: mg/Kg	Prep Date: 10/07/2016	Run No: 327233				
SampleType: MS	TestCode: POLYCHLORINATED BIPHENYLS SW8082A				BatchID: 230706	Analysis Date: 10/07/2016	Seq No: 7094181				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	6.212	1.0	5.000		124	65.7	158				
Aroclor 1260	6.151	1.0	5.000		123	62.9	157				
Surr: Decachlorobiphenyl	0.4981	0	0.5000		99.6	48.6	156				
Surr: Tetrachloro-m-xylene	0.6299	0	0.5000		126	47	168				

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230706**

Sample ID: 1610493-001BMSD	Client ID: MW-11-FP				Units: mg/Kg	Prep Date: 10/07/2016	Run No: 327233				
SampleType: MSD	TestCode: POLYCHLORINATED BIPHENYLS SW8082A				BatchID: 230706	Analysis Date: 10/07/2016	Seq No: 7094182				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	7.199	1.0	5.000		144	65.7	158	6.212	14.7	29	
Aroclor 1260	6.212	1.0	5.000		124	62.9	157	6.151	0.993	28.1	
Surr: Decachlorobiphenyl	0.3559	0	0.5000		71.2	48.6	156	0.4981	0	0	
Surr: Tetrachloro-m-xylene	0.6144	0	0.5000		123	47	168	0.6299	0	0	

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230907**

Sample ID: MB-230907	Client ID: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	Units: ug/Kg	Prep Date: 10/10/2016	Run No: 327028						
			BatchID: 230907	Analysis Date: 10/10/2016	Seq No: 7091136						
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	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	2500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	2500									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230907**

Sample ID: MB-230907	Client ID: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	Units: ug/Kg	Prep Date: 10/10/2016	Run No: 327028						
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	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2280	0	2500		91.2	70	128				
Surr: Dibromofluoromethane	2771	0	2500		111	78.2	128				
Surr: Toluene-d8	2675	0	2500		107	76.5	116				

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230907**

Sample ID: LCS-230907	Client ID: TCL VOLATILE ORGANICS SW8260B	Units: ug/Kg	Prep Date: 10/10/2016	Run No: 327028							
SampleType: LCS	TestCode: 230907	BatchID: 230907	Analysis Date: 10/10/2016	Seq No: 7091139							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3348	250	2500		134	69.9	145				
Benzene	2904	250	2500		116	72.3	130				
Chlorobenzene	2624	250	2500		105	69	130				
Toluene	3094	250	2500		124	71.1	130				
Trichloroethene	2669	250	2500		107	71.7	136				
Surr: 4-Bromofluorobenzene	2364	0	2500		94.5	70	128				
Surr: Dibromofluoromethane	2745	0	2500		110	78.2	128				
Surr: Toluene-d8	2684	0	2500		107	76.5	116				

Sample ID: 1610493-001AMS	Client ID: MW-11-FP	Units: ug/Kg	Prep Date: 10/10/2016	Run No: 327028							
SampleType: MS	TestCode: 230907	BatchID: 230907	Analysis Date: 10/11/2016	Seq No: 7091143							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3211000	240000	2.40385e+006		134	56.6	151				
Benzene	2825000	240000	2.40385e+006		118	70.4	130				
Chlorobenzene	2624000	240000	2.40385e+006		109	67.5	132				
Toluene	2818000	240000	2.40385e+006		117	70.4	130				
Trichloroethene	2602000	240000	2.40385e+006		108	70.1	137				
Surr: 4-Bromofluorobenzene	2383000	0	2.40385e+006		99.1	70	128				
Surr: Dibromofluoromethane	2540000	0	2.40385e+006		106	78.2	128				
Surr: Toluene-d8	2513000	0	2.40385e+006		105	76.5	116				

Sample ID: 1610493-001AMSD	Client ID: MW-11-FP	Units: ug/Kg	Prep Date: 10/10/2016	Run No: 327028							
SampleType: MSD	TestCode: 230907	BatchID: 230907	Analysis Date: 10/11/2016	Seq No: 7091144							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3310000	240000	2.40385e+006		138	56.6	151	3211000	3.05	20.4	
Benzene	2749000	240000	2.40385e+006		114	70.4	130	2825000	2.74	16.9	

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
Workorder: 1610493

ANALYTICAL QC SUMMARY REPORT**BatchID: 230907**

Sample ID: 1610493-001AMSD	Client ID: MW-11-FP				Units: ug/Kg	Prep Date: 10/10/2016	Run No: 327028				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 230907	Analysis Date: 10/11/2016	Seq No: 7091144				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2544000	240000	2.40385e+006		106	67.5	132	2624000	3.11	14.6	
Toluene	2767000	240000	2.40385e+006		115	70.4	130	2818000	1.84	16.6	
Trichloroethene	2540000	240000	2.40385e+006		106	70.1	137	2602000	2.41	17	
Surr: 4-Bromofluorobenzene	2315000	0	2.40385e+006		96.3	70	128	2383000	0	0	
Surr: Dibromofluoromethane	2619000	0	2.40385e+006		109	78.2	128	2540000	0	0	
Surr: Toluene-d8	2454000	0	2.40385e+006		102	76.5	116	2513000	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		Page 19 of 19



PEACHTREE
ENVIRONMENTAL

APPENDIX B

MONITORING WELL PURGING & SAMPLING INFORMATION

Monitoring Well Purging & Sampling Information								
Peachtree Project: THCG Wrens				Project No.: 3342		Date: 10/4/2016		
Peachtree Personnel: Brad White								
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): 49.52				Screened Interval from TOC (feet): 34.52 - 49.52				
Depth to Water from TOC (feet): 43.38								
Length of Static Water Column (feet): 6.14								
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
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02
One Well Volume (gallons): 1.0				Three Well Volumes (gallons): 3.0				
WELL PURGING INFORMATION								
Purging Method: Low flow/low volume with submersible pump and new Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 46								
Start Time: 11:30								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
11:51	0.3	43.85	5.33	0.020	5.9	18.43	8.68	357
11:57	0.4	43.90	5.46	0.019	6.2	18.55	8.39	359
12:03	0.5	43.90	5.58	0.018	5.1	18.76	7.87	372
12:09	0.6	43.95	5.62	0.018	5.4	18.79	7.64	383
12:15	0.7	43.95	5.66	0.019	5.0	18.90	7.56	388
12:21	0.7	43.90	5.65	0.019	4.2	19.18	7.51	392
Purged Volume (gallons): 0.7				Purge Time (minutes): 51		Pumping Rate (gallons per minute): 0.01		
WELL SAMPLING INFORMATION								
Method of Sampling: Submersible pump, direct from pump head tubing								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-1	12:23	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: 10/4/2016		
Peachtree Personnel: Daniel Barfield								
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): 42.60			Screened Interval from TOC (feet): 27.60 - 42.60					
Depth to Water from TOC (feet): 29.28								
Length of Static Water Column (feet): 13.32								
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): 2.1			Three Well Volumes (gallons): 6.3					
WELL PURGING INFORMATION								
Purging Method: Low flow/low volume with peristaltic pump and new Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 35								
Start Time: 10:58								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
11:10	0.25	30.48	6.21	0.074	16.2	22.29	0.00	-54
11:20	0.5	30.51	6.32	0.066	10.1	22.14	0.00	-60
11:30	0.75	30.53	6.29	0.064	8.2	22.53	0.00	-56
11:35	0.9	30.54	6.28	0.063	7.6	22.60	0.00	-54
11:40	1.0	30.55	6.27	0.063	7.5	22.59	0.00	-54
Purged Volume (gallons): 1.0			Purge Time (minutes): 42			Pumping Rate (gallons per minute): 0.02		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-2	11:44	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: 10/4/2016		
Peachtree Personnel: Daniel Barfield								
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): 11.92 - 26.92					
Depth to Water from TOC (feet): 17.40								
Length of Static Water Column (feet): 9.52								
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): 1.5			Three Well Volumes (gallons): 4.5					
WELL PURGING INFORMATION								
Purging Method: Low flow/low volume with peristaltic pump and new Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 22.5								
Start Time: 14:01								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
14:15	0.25	18.15	4.60	0.112	7.4	22.44	0.00	272
14:20	0.4	18.18	4.60	0.118	5.2	23.38	0.00	269
14:25	0.6	18.21	4.59	0.121	2.7	22.42	0.00	261
14:30	0.8	18.24	4.59	0.123	1.7	22.50	0.00	263
14:35	1.0	18.26	4.59	0.122	1.4	22.48	0.00	263
Purged Volume (gallons): 1.0			Purge Time (minutes): 34			Pumping Rate (gallons per minute): 0.03		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-3	14:40	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: 10/4/2016				
Peachtree Personnel:	Brad White								
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): 16.54 - 31.54						
Depth to Water from TOC (feet):	21.37								
Length of Static Water Column (feet):	10.17								
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 Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet):	26								
Start Time:	14:10								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
14:15	0.1	21.80	5.53	0.238	4.5	26.28	1.30	211	
14:20	0.5	21.76	5.57	0.261	5.2	25.63	0.77	202	
14:25	0.7	21.65	5.64	0.330	6.8	24.53	0.07	176	
14:30	0.9	21.70	5.67	0.395	6.6	23.93	0.00	139	
14:36	1.1	21.72	5.65	0.424	6.3	23.41	0.00	114	
14:41	1.3	21.72	5.65	0.470	6.1	22.84	0.00	90	
14:46	1.5	21.72	5.67	0.517	4.1	22.22	0.00	62	
14:51	1.8	21.72	5.69	0.550	2.7	21.97	0.00	43	
14:56	2.0	21.72	5.70	0.596	1.6	21.99	0.00	25	
15:01	2.2	21.74	5.71	0.608	1.7	21.62	0.00	23	
15:06	2.5	21.75	5.72	0.634	1.3	21.54	0.00	24	
15:11	2.7	21.75	5.71	0.637	2.8	21.65	0.00	24	
15:16	2.9	21.76	5.71	0.639	2.4	22.03	0.00	22	
Purged Volume (gallons):	2.9		Purge Time (minutes): 66	Pumping Rate (gallons per minute): 0.04					
WELL SAMPLING INFORMATION									
Method of Sampling:	Peristaltic pump, "soda straw" method								
Decontamination Procedures:	None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses			
MW-4	15:18	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: 10/4/2016		
Peachtree Personnel: Daniel Barfield								
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): 42.42			Screened Interval from TOC (feet): 32.42 - 42.42					
Depth to Water from TOC (feet): 30.47								
Length of Static Water Column (feet): 11.95								
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 Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 36								
Start Time: 12:16								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
12:20	0.2	30.60	5.18	0.148	4.3	22.02	0.00	212
12:25	0.4	30.72	5.08	0.153	4.8	21.81	0.00	232
12:30	0.6	30.73	4.94	0.154	6.8	21.74	0.00	274
12:35	0.8	30.73	4.93	0.156	7.7	21.70	0.00	276
12:40	1.0	30.73	4.92	0.157	7.6	21.69	0.00	277
Purged Volume (gallons): 1.0			Purge Time (minutes): 24			Pumping Rate (gallons per minute): 0.04		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-5	12:44	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: 10/4/2016		
Peachtree Personnel: Brad White								
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): 23.18				Screened Interval from TOC (feet): 13.18 - 23.18				
Depth to Water from TOC (feet): 10.80								
Length of Static Water Column (feet): 12.38								
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
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02
One Well Volume (gallons): 2.0				Three Well Volumes (gallons): 6.0				
WELL PURGING INFORMATION								
Purging Method: Low flow/low volume with peristaltic pump and new Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 18								
Start Time: 16:56								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
17:03	0.3	11.05	5.91	0.026	59.0	23.48	0.84	206
17:11	0.8	11.06	5.91	0.028	54.5	21.74	0.40	198
17:19	1.3	11.00	5.94	0.031	39.1	19.46	0.00	181
17:28	1.7	11.01	5.98	0.034	24.6	18.83	2.24	171
17:38	2.2	11.00	6.03	0.036	14.8	18.25	2.82	159
17:49	2.7	11.01	6.08	0.039	8.1	17.61	0.00	148
17:54	3.0	11.01	6.11	0.041	5.9	17.47	0.00	142
17:59	3.2	11.01	6.15	0.043	3.3	17.43	0.00	134
Purged Volume (gallons): 3.2				Purge Time (minutes): 63		Pumping Rate (gallons per minute): 0.05		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-6	18:01	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: 10/5/2016		
Peachtree Personnel: Daniel Barfield								
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): 17.55 - 27.55				
Depth to Water from TOC (feet): 16.54								
Length of Static Water Column (feet): 11.01								
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
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02
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 Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 20								
Start Time: 9:15								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
9:20	0.2	17.07	5.90	0.096	10.0	19.64	0.00	105
9:25	0.4	17.04	5.92	0.099	2.0	19.99	0.00	97
9:30	0.6	16.98	5.94	0.099	0.3	20.25	0.00	78
9:55	0.8	17.46	6.09	0.108	13.0	20.90	0.00	47
10:05	1.0	17.46	6.18	0.128	4.1	21.14	0.00	26
10:10	1.2	17.46	6.20	0.129	4.8	21.21	0.00	15
10:15	1.4	17.46	6.23	0.129	4.0	21.33	0.00	2
Purged Volume (gallons): 3.2				Purge Time (minutes): 60		Pumping Rate (gallons per minute): 0.05		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-7	10:20	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: 10/5/2016		
Peachtree Personnel: Daniel Barfield								
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): 23.00				Screened Interval from TOC (feet): 13.00 - 23.00				
Depth to Water from TOC (feet): 10.01								
Length of Static Water Column (feet): 12.99								
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
Well Capacity (gallons per foot)		0.02	0.04	0.06	0.16	0.37	0.65	1.02
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 Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 16								
Start Time: 8:00								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
8:05	0.2	10.12	5.37	0.038	35.5	19.38	0.00	361
8:15	0.6	10.18	5.32	0.037	18.9	19.56	0.00	361
8:25	0.8	10.18	5.29	0.036	9.5	19.51	0.00	333
8:30	1.0	10.18	5.29	0.036	6.0	19.61	0.00	330
8:35	1.2	10.18	5.29	0.036	4.1	19.51	0.00	329
Purged Volume (gallons): 1.2				Purge Time (minutes): 35		Pumping Rate (gallons per minute): 0.03		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-8	8:40	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: 10/4/2016		
Peachtree Personnel: Brad White								
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): 24.35 - 44.35					
Depth to Water from TOC (feet): 26.04								
Length of Static Water Column (feet): 18.31								
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): 2.9			Three Well Volumes (gallons): 8.7					
WELL PURGING INFORMATION								
Purging Method: Low flow/low volume with peristaltic pump and new Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 36								
Start Time: 15:55								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
16:03	0.1	26.29	5.62	0.049	0.3	27.43	2.05	195
16:08	0.3	26.35	5.62	0.040	0.1	26.63	1.14	212
16:14	0.6	26.35	5.61	0.028	0.4	24.92	0.20	226
16:19	0.8	26.35	5.59	0.027	0.2	24.04	0.00	225
16:24	1.0	26.37	5.59	0.027	0.0	23.56	0.00	229
Purged Volume (gallons): 1.0			Purge Time (minutes): 29			Pumping Rate (gallons per minute): 0.03		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-9	16:26	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: 10/4/2016		
Peachtree Personnel: Daniel Barfield								
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): 9.45 - 24.45					
Depth to Water from TOC (feet): 12.58								
Length of Static Water Column (feet): 11.87								
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 Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 17								
Start Time: 16:40								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
16:50	0.25	12.65	6.07	0.115	41.3	23.77	0.00	-23
17:15	1.25	12.67	6.04	0.117	65.8	23.46	0.00	-28
17:30	1.75	12.68	6.08	0.118	29.0	23.52	0.00	-37
17:45	2.25	12.68	6.11	0.120	16.2	23.34	0.00	-43
18:00	2.75	12.68	6.11	0.122	9.8	23.34	0.00	-47
18:05	2.9	12.68	6.11	0.123	7.7	23.21	0.00	-47
18:10	3.1	12.68	6.12	0.123	6.3	23.13	0.00	-48
Purged Volume (gallons): 3.1			Purge Time (minutes): 90			Pumping Rate (gallons per minute): 0.03		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-10	18:15	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: 10/5/2016		
Peachtree Personnel: Brad White								
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): 31.00 (approximate)			Screened Interval from TOC (feet): 21.00 - 31.00 (approximate)					
Depth to Water from TOC (feet): 21.00								
Length of Static Water Column (feet): 10.00								
WELL OBSERVATIONS								
General Condition of Well: Good			General Condition of Surrounding Area: Good					
LNAPL Observation/Thickness: Yes, approx. 1 foot			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 Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet): 26								
Start Time: 9:23								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)
9:28	0.3	21.16	7.05	0.720	11.7	14.70	2.42	-64
9:34	0.7	21.16	7.10	0.705	9.0	14.86	1.59	-80
9:40	1.0	21.17	7.17	0.679	1.8	15.13	0.26	-103
9:45	1.3	21.23	7.17	0.673	1.7	15.18	0.02	-103
9:50	1.5	21.27	7.17	0.668	1.9	15.24	0.00	-103
Purged Volume (gallons): 1.5			Purge Time (minutes): 27			Pumping Rate (gallons per minute): 0.06		
WELL SAMPLING INFORMATION								
Method of Sampling: Peristaltic pump, "soda straw" method								
Decontamination Procedures: None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses		
MW-11	9:52	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: 10/5/2016				
Peachtree Personnel:	Brad White								
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): 20.35 - 50.35						
Depth to Water from TOC (feet):	20.08								
Length of Static Water Column (feet):	30.27								
WELL OBSERVATIONS									
General Condition of Well:	Well cover damaged			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):	19.7			Three Well Volumes (gallons): 59.1					
WELL PURGING INFORMATION									
Purging Method:	Low flow/low volume with peristaltic pump and new Teflon™-lined tubing								
Depth of Pump Intake from TOC (feet):	42								
Start Time:	11:14								
Time	Gallons Purged	Water Level (feet)	pH	Specific Conductance (mS/cm)	Turbidity (NTUs)	Temperature (°C)	DO (mg/L)	ORP (mV)	
11:25	0.7	20.86	5.76	0.068	55.2	20.06	12.41	217	
11:35	1.2	20.83	5.42	0.066	41.1	18.64	5.01	309	
11:45	1.6	20.82	5.41	0.066	28.5	18.61	4.79	315	
11:55	2.0	20.82	5.37	0.067	20.7	18.56	7.03	320	
12:05	2.5	20.82	5.35	0.067	13.5	18.73	7.09	328	
12:13	2.8	20.82	5.34	0.066	9.9	18.99	5.67	334	
Purged Volume (gallons):	2.8		Purge Time (minutes): 59			Pumping Rate (gallons per minute): 0.05			
WELL SAMPLING INFORMATION									
Method of Sampling:	Peristaltic pump, "soda straw" method								
Decontamination Procedures:	None, new sample bottles and single-use disposable tubing								
Sample ID	Time	Container		Preservative		Analyses			
RW-1	12:15	40 mL (2)		hydrochloric acid		volatile organic compounds			
Duplicate	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								

