FOURTH SEMIANNUAL VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT FOR THE COLUMBIA COUNTY CAR CARE CENTER PROPERTY MARTINEZ, COLUMBIA COUNTY, GEORGIA HSI NO. 10394

DOCUMENT PREPARED FOR:

5C WASHINGTON ROAD, LLC
4014 WASHINGTON ROAD
MARTINEZ, GEORGIA 30907

DOCUMENT PRESENTED TO:

GEORGIA ENVIRONMENTAL PROTECTION DIVISION
HAZARDOUS WASTE MANAGEMENT BRANCH
2 MARTIN LUTHER KING, JR. DRIVE SE, SUITE 1054 EAST
ATLANTA, GEORGIA 30334-9000

DOCUMENT PREPARED BY:

PEACHTREE ENVIRONMENTAL
3000 NORTHWOODS PARKWAY, SUITE 105
NORCROSS, GEORGIA 30071
(770) 449-6100 · (770) 449-6119 FAX
WWW.PEACHTREEENVIRONMENTAL.COM

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ABBREVIATIONS

5C	Columbia County Car Care Center
bgs	below ground surface
CAS	Chemical Abstracts Service
cis-1,2-DCE	cis-1,2-dichloroethene
CSR	Compliance Status Report
CSM	Conceptual Site Model
EPA	United States Environmental Protection Agency
EPD	Georgia Environmental Protection Division
HSI	Hazardous Site Inventory
µg/L	micrograms per liter
mg/kg	milligrams per kilogram
Peachtree	Peachtree Environmental
PCE	tetrachloroethene
PID	photoionization detector
RRS	Risk Reduction Standard
TCE	trichloroethene
TOC	top-of-casing
USGS	United States Geological Survey
VIRP	Voluntary Investigation and Remediation Plan
VISL	Vapor Intrusion Screening Level
VRP	Voluntary Remediation Program
VOC	volatile organic compound

1.0 INTRODUCTION AND BACKGROUND

1.1 INTRODUCTION

Peachtree Environmental (Peachtree) is submitting this Fourth Semiannual Voluntary Remediation Program (VRP) Progress Report for the Columbia County Car Care Center (5C) property (Hazardous Site Inventory [HSI] No. 10394) located at 4014 Washington Road in Martinez, Columbia County, Georgia (the "VRP Property") on behalf of Dr. Harinderjit Singh and 5C Washington Road, LLC (the "Applicant"). This report describes activities conducted at the VRP Property since the Third Semiannual VRP Progress Report submitted in March 2015.

1.2 VRP PROPERTY DESCRIPTION

The VRP Property consists of one parcel of land (Parcel ID No. 079 133) totaling approximately 1.78 acres. The VRP Property has a latitude coordinate of 33°30'35.80" North and a longitude coordinate of 82°06'10.99" West. A VRP Property Location / United States Geological Survey (USGS) Topographic Map is included as **Figure 1**.

The VRP Property is developed with two one-story buildings and is currently utilized as an automobile repair facility, commercially known as Performance Plus Transmission, and an automobile window repair facility.

The surrounding properties are listed below:

- North – Washington Road with commercial strip mall property (restaurant and retail establishments);
- East – Commercial property (former Blockbuster Video);
- South – Commercial strip mall property (restaurant and retail establishments); and
- West – Columbia Square Shopping Center (including the former Vogue Cleaners)

A VRP Property Layout Map showing soil boring and monitoring well locations is provided as **Figure 2**.

1.3 VRP PROPERTY HISTORY

The VRP Property has operated as various retail automobile repair facilities dating back to 1988. Automotive repair activities performed on the VRP Property have ranged from transmission and engine repair to routine maintenance and oil change operations.

The VRP Property was sub-listed with the adjoining former Vogue Cleaners on the HSI as Site No. 10394 on February 3, 2000 due to a release of tetrachloroethene (PCE) at Vogue Cleaners. PCE has not been used at the VRP Property. However, in a 1996 Notification of Regulated Waste Activity Form submitted to the United States Environmental Protection Agency (EPA) by Performance Plus Transmission, the auto repair shop located on the VRP Property, erroneously included the waste code for PCE. In a May 2007 subsequent affidavit, Mr. Glenn Tanner, the

owner and operator of Performance Plus Transmission, provided the clarification that the business had never used or stored PCE or any chlorinated solvents on the VRP Property.

Williams Environmental Services, Inc. (Williams) performed soil sampling on the VRP Property in June and July of 1999 as part of the former Vogue Cleaners' CSR investigation. Williams advanced fifteen soil borings (WESB-26, WESB-30 through WESB-33, WESB-36 through WESB-40, and WESB-42 through WESB-46) on the western portion of the VRP Property in an effort to delineate PCE impacts associated with the former Vogue Cleaners facility. Williams collected one soil sample for laboratory analysis of PCE from each soil boring at a depth of at least 2 feet below ground surface (bgs). PCE concentrations in the soil samples collected by Williams ranged from below the laboratory reporting limit to 1,400 milligrams per kilogram (mg/kg).

On February 9, 2007, J. Dunaway & Co performed a limited subsurface investigation to assess whether a source of PCE was originating from the VRP Property. J. Dunaway & Co advanced five soil borings (SB-1 through SB-5) in an area of PCE-impacted soil that had previously been identified on the western portion of the VRP Property during the former Vogue Cleaners' CSR investigation in 1999. PCE was detected at concentrations ranging from 0.054 mg/kg to 8.33 mg/kg in the soil samples collected by J. Dunaway & Co.

In August 2012, Peachtree initiated a limited soil and groundwater investigation at the VRP Property. The investigation consisted of the following:

- The collection of groundwater samples from the seven existing on-site monitoring wells (MW-5D, MW-5DD, MW-10, MW-10D, MW-11D, MW-15, and MW-15D) for analysis of volatile organic compounds (VOCs) by EPA Method 8260B.
- The installation of one monitoring well (PMW-1) and subsequent collection of a groundwater sample for analysis of VOCs by EPA Method 8260B.
- Advancement of eight direct-push soil borings (DP-1 through DP-8). Soil samples with significant photoionization detector (PID) field readings were submitted to the laboratory for analysis of VOCs by EPA Method 8260B.

In February 2013, a Voluntary Investigation and Remediation Plan (VIRP) and VRP Application were submitted for the VRP Property utilizing data collected in August 2012. The Georgia Environmental Protection Division (EPD) approved the VRP Application in August 2013.

2.0 CONCEPTUAL SITE MODEL

A Conceptual Site Model (CSM) has been developed 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/sub-surface 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 SUB-SURFACE SETTING

2.1.1 Surface Setting

The VRP Property contains two single-story garage-style buildings, both constructed of cinder block and situated on a concrete slab. The parking lot and driveway are paved with asphalt. Grassed and landscaped areas are present to the north and east of the on-site buildings. The VRP Property is designated for commercial/retail use.

2.1.2 Subsurface Setting

The VRP Property is situated on the western side of a broad ridge top. The ridge is dissected to the west by Reed Creek, a north-flowing tributary to the Savannah River, and to the east by numerous named and unnamed tributaries to the Savannah River. Reed Creek is approximately 0.5 miles west of the VRP Property and the Savannah River is approximately 6 miles to the east of the VRP Property.

The VRP Property lies along the geologic and physiographic boundary known as the Fall Line. Geologically, the Fall Line is the contact between the Cretaceous and younger sediments of the Coastal Plain Physiographic Province to the south and the older, crystalline rocks of the Piedmont Province to the north. Several stream characteristics change as they flow south across the Fall Line: rapids and shoals are common near the geologic contact, floodplains are considerably wider on the younger sediments, and the frequency of stream meanders increases.

The gently undulating surface of the Washington Slope District of the Piedmont Province occurs north of the Fall Line. Streams in this district occupy broad, shallow valleys with long gentle side slopes separated by broad, rounded divides (Clark and Zisa, 1976). The Fall Line Hills District of the Coastal Plain Province occurs south of the Fall Line and is highly dissected with little level land except marshy floodplains and their better drained, narrow stream terraces (Clark and Zisa, 1976).

Bedrock in nearby portions of the Washington Slope District, and underlying the unconsolidated sediments of the Fall Line Hills, is an imbricate complex of coarse-grained biotitic metagraywackes, pebbly mudstones, semischists, and thin beds of chert (Higgins et al., 1988). The bedrock is covered by unconsolidated saprolite, alluvium, and soil, collectively referred to as regolith, and occurs at depths of approximately 85 to 110 feet below ground surface (bgs) in the area. The bedrock and its regolith are the uppermost subsurface units in the Washington Slope District. South of the Fall Line, the bedrock and regolith are overlain by unconsolidated sediments of the Coastal Plain, except where removed by erosion along stream valleys, such as Reed Creek to the west of the VRP Property. The Coastal Plain sediments consist of undifferentiated Cretaceous strata overlain by white to cream, buff, and gray, medium- to coarse-grained, cross-bedded, fossiliferous, kaolinitic sand of the Huber Formation of Paleocene and Eocene age (Buie, 1978).

Soil beneath the VRP Property consists of the Wagram loamy sand (NRCS, 2014), a deep, well-drained, very gently sloping soil that forms from marine sediments, such as the Huber Formation, and occurs on broad ridge tops (USDA, 1981). The contact between the Wagram loamy sand and the adjacent Bibb silt loam, a deep, poorly drained, nearly level soil that forms from alluvial sediments on floodplains, coincides with the western boundary of the VRP Property (NRCS, 2014). Further west, soils along Reed Creek consist of Cecil sandy clay loam. The Cecil soil formed from residuum weathered from Piedmont Province metamorphic bedrock (USDA, 1981).

Based on the topographic setting of the VRP Property, the soils present beneath the site, and published geologic maps of the area, it appears that the VRP Property is located over Coastal Plain sediments. Crystalline rock of the Piedmont Province occurs beneath the Coastal Plain sediments and at the ground surface in areas of lower elevations, such as the valley of Reed Creek to the west. The Fall Line, the contact between the Coastal Plain sediment and bedrock of the Piedmont Province, is overlain by the alluvium-derived soil (Bibb silt loam) west of the VRP Property.

Shallow groundwater occurs under water table (unconfined) conditions beneath the VRP Property. Historical depths to groundwater at the VRP Property are summarized in **Table 1**.

2.2 KNOWN OR SUSPECTED SOURCE AREAS

The VRP Property has operated as an automobile repair facility dating back to 1988. Chlorinated solvents were not used on the VRP Property, and 5C maintains that the listing of chlorinated solvents on a 1996 Notification of Regulated Waste Activity Form was an error based on a clarification from the owner of the establishment at that time.

Based on previous investigations, knowledge of how the area was developed, and the results of the August 2012 subsurface investigation, Peachtree understands that PCE-impacted soil from the Vogue Cleaners site was used to fill in low areas near the VRP Property's western boundary with Columbia Square Shopping Center during 1988 pre-construction grading activities. The

suspected source areas (Vogue Cleaners and on-site impacted fill/soils) are depicted on **Figure 2**.

2.3 REGULATED SUBSTANCES

As previously discussed in **Section 1.3**, Peachtree conducted a soil and groundwater investigation at the VRP Property in August 2012. The most recent groundwater sampling event was performed in July 2014. Based on the 2012 soil and 2014 groundwater data, the following regulated substances were detected above the laboratory reporting limit in soil and/or groundwater at the VRP Property:

- PCE (Chemical Abstracts Service [CAS] No. 127184) – soil and groundwater;
- trichloroethene (TCE) (CAS No. 79016) – soil only; and
- cis-1,2-dichloroethene (cis-1,2-DCE) (CAS No. 156592) – soil and groundwater.

2.3.1 Regulated Substances in Soil

PCE, TCE, and cis-1,2-DCE were detected in soil above the laboratory reporting limit during the soil investigations conducted at the VRP Property by J. Dunaway & Company in February 2007 and Peachtree in August 2012; however, only PCE was detected above the Type 1 Risk Reduction Standard (RRS).

REGULATED CONSTITUENT	HIGHEST DETECTED CONCENTRATION (MG/KG)	SOIL SAMPLE (DEPTH)	TYPE 1 RRS (MG/KG)
PCE	**1,400**	**WESB-40 (3-4 feet bgs)**	**0.5**
TCE	0.090	DP-3 (3 feet bgs)	0.5
cis-1,2-DCE	3.6	DP-3 (5 feet bgs)	7.0

Notes:
Bolded constituents exceed Type 1 RRS.

The soil analytical results from the 1999, 2007, and 2012 investigations are summarized in **Table 2**. The soil sample locations and extent of PCE detected in soil at depths less than 2 feet bgs and greater than 2 feet bgs are shown in **Figure 3** and **Figure 4**, respectively. The extent of TCE and cis-1,2-DCE in soil are not graphically displayed as the extent of their distribution is less than that of PCE and their concentrations are below the Type 1 RRS.

Peachtree supervised soil excavation activities at the VRP Property in April 2015 to remove the impacted soil identified during the 1999, 2007, and 2012 investigations. The details of these activities are discussed further in **Section 4.0**.

2.3.2 Regulated Substances in Groundwater

PCE and cis-1,2-DCE have been detected in groundwater at the VRP Property above the laboratory reporting limits; however, PCE is the only regulated substance that has been detected in groundwater above the Type 1 RRS. Historically, the maximum concentration of PCE detected in groundwater at the VRP Property was 250 micrograms per liter (µg/L), which was detected in a groundwater sample collected from monitoring well PMW-1 in August 2012, with 6.0 µg/L in groundwater from monitoring well MW-11D (2013) as the only other concentration above the Type 1 RRS. In addition, PCE was detected slightly above the Type 1 RRS in the duplicate sample collected from monitoring well PMW-1 in July 2014. The analytical results for the groundwater samples collected at the VRP Property since August 2012 are summarized in **Table 3**.

2.4 EXPOSURE PATHWAYS

Figure 5 presents the key features of the VRP Property, including the location of cross sections A-A' and B-B'. **Figure 6** and **Figure 7** present the preliminary CSM via cross sections A-A' and B-B', respectively. Per EPD's request, the cross sections have been revised to run through existing monitoring wells and soil boring locations on the VRP Property and on the former Vogue Cleaners property. In addition, contaminant concentration data for soil borings and groundwater and groundwater elevations have been added to the cross sections.

Currently, direct exposure does not occur to contaminated soil because the VRP Property is covered by buildings and by asphalt pavement, except for some small landscaped traffic islands along Washington Road and along the eastern property boundary. Regulated substances in soil may leach to groundwater, although the potential for leaching is greatly reduced by the concrete slabs and asphalt soil covers. The concrete and asphalt covers also preclude erosion or runoff of the impacted soil by stormwater, as well as incidental ingestion or inhalation of wind-borne soil particles.

There is no current exposure to regulated substances in groundwater. The VRP Property receives its potable water from the Columbia County Water Utility. Regulated substances in groundwater may migrate off-site to surface water. The nearest surface water body to the VRP Property is Reed Creek approximately 0.5 mile to the west; however, delineation of impacted soil and groundwater does not indicate that regulated substances have migrated that distance.

Using the EPA Vapor Intrusion Screening Level (VISL) calculator and the historical PCE concentration of 250 µg/L, the carcinogenic risk associated with vapor intrusion of PCE into the buildings at the VRP Property is calculated to be 3.8×10^{-6}, which is less than the EPD's 1×10^{-5} threshold. The non-carcinogenic Hazard Quotient is 1.0, equal to the EPD's threshold. Furthermore, the maximum concentration of PCE in groundwater at the VRP Property was below detection limits during the most recent sampling event (July 2014). Therefore, although vapor intrusion is potentially a complete pathway, the risk associated with this pathway does not exceed acceptable levels.

2.4.1 Current Land Use

Current on-site receptors at the VRP Property potentially include site workers, customers, utility workers, construction workers, and trespassers. Currently, site workers, customers, and trespassers are not exposed to soil, as the VRP Property is covered by buildings and by asphalt parking areas, except for some small landscaped traffic islands along Washington Road and along the eastern property boundary. There is no on-going construction or utility work at the VRP Property requiring construction- or utility-worker receptors.

Groundwater exposure is not a complete pathway because the VRP Property receives its potable water from the Columbia County Water Utility. Off-site receptors in the area also receive their drinking water from the Columbia County Water Utility. Direct contact to shallow groundwater is precluded by the on-site buildings and asphalt parking areas.

Current site workers and customers may be exposed to regulated substances by inhalation of vapors intruding into on-site buildings. However, the risk associated with potential vapor intrusion does not exceed the EPD's thresholds. Therefore, although vapor intrusion is potentially a complete pathway, the risk associated with this pathway does not exceed acceptable levels.

2.4.2 Future Land Use

The VRP Property is likely to remain a commercial automobile repair facility or similar commercial operation in the future, and the current exposure pathways will remain the same. Future site workers, customers, and trespassers are not expected to be exposed to soil, as the property will likely remain covered by buildings and by asphalt pavement. However, if there is new construction or utility work in the future, construction- or utility-worker receptors may be exposed to soil.

The VRP Property and off-site receptors will likely continue to receive their potable water from the Columbia County Water Utility in the future. Future off-site receptors in the area will also receive their drinking water from the Columbia County Water Utility. However, it is understood that the EPD considers all groundwater a potential future source of drinking water, so future exposure to groundwater by site workers, customers, utility workers, construction workers, and off-site receptors has been considered. Therefore, the complete exposure pathways for future land use are as follows:

- Soil Exposure – Future Construction Workers
- Soil Exposure – Future Utility Workers
- Groundwater Exposure – Future Site Workers
- Groundwater Exposure – Future Customers
- Groundwater Exposure – Future Utility Workers
- Groundwater Exposure – Future Construction Workers
- Groundwater Exposure – Future Off-Site Receptors

2.4.3 Ecological Receptors

Since the VRP Property is covered by buildings and by asphalt pavement, there are no viable ecological habitats on the VRP Property. The soil covers prevent migratory species such as birds from coming into contact with impacted soil, and there is no surface water on the VRP Property.

The VRP Property is located in the Sand Hills ecoregion of the Southeastern Plains of Georgia (Georgia DNR, 2014), a narrow, rolling to hilly, highly dissected belt stretching across the state from Augusta to Columbus. Many of the droughty, low-nutrient soils of the Sand Hills formed in thick beds of sand, although soils in some areas contain more loamy and clayey horizons. On the drier sites, turkey oak and longleaf pine are dominant, while shortleaf-loblolly pine forests and other oak-pine forests are common throughout the region. However, other than the small landscaped traffic islands along Washington Road and along the eastern property boundary, there is no vegetation on the VRP Property.

Due to the lack of ecological habitats and lack of exposure of contaminated media to migratory species, there are no complete pathways for ecological receptors.

3.0 SEMIANNUAL GROUNDWATER MONITORING ACTIVITIES

Semiannual groundwater monitoring was conducted at the VRP Property in July 2014 and reported in the Second Semiannual VRP Progress Report submitted to the EPD in August 2014. Based on the July 2014 groundwater sampling results, which were below Type 1 RRS for the COCs, Peachtree has ceased semiannual groundwater monitoring at the VRP Property.

Per EPD's request, Peachtree surveyed the top-of-casing (TOC) elevation for monitoring well MW-10 on April 21, 2015. The TOC elevation for monitoring well MW-10 is included in **Table 1**. This information was used to develop a potentiometric map for shallow groundwater at the VRP Property, which is included as **Figure 8**.

4.0 SOIL REMEDIATION

Peachtree supervised soil excavation activities at the VRP Property on April 21, 2015 to remove the impacted soil in excess of Type 1 RRS identified during the soil investigations conducted at the VRP Property by J. Dunaway & Company in February 2007 and Peachtree in August 2012. The excavation area was located beneath asphalt pavement on the west-central portion of the VRP Property and was generally centered around monitoring well PMW-1. The western extent of the excavation coincided with a concrete wall that forms the western VRP Property boundary with Columbia Square Shopping Center (including the former Vogue Cleaners). The dimensions of the excavation were roughly 30 feet long (north to south) by 27 feet wide (east to west) by 6.5 feet deep. The depth of the excavation was based on depth to groundwater measurements collected from monitoring well PMW-1 (located within the excavation area), which have been approximately 7.5 feet bgs.

Approximately 219.97 tons of excavated material (soil, rock, and asphalt) was placed directly into dump trucks and transported by a contracted waste hauler to the Augusta Deans Bridge Road Municipal Solid Waste Landfill in Blythe, Georgia under Reference Profile No. 15-0318. Generator's Non-Hazardous Waste Manifests were maintained during transportation and disposal process and are included in **Appendix A**.

Following the soil excavation activities, Peachtree collected six confirmation soil samples from within the excavation: one each from the western wall (WW), northern wall (NW), eastern wall (EW) and southern wall (SW); and two from the bottom of the excavation (NB and SB). The four confirmation soil samples obtained from the excavation walls were collected from approximately 4 feet bgs, while the samples obtained from the bottom of the excavation were collected from approximately 6.5 feet bgs. The confirmation soil samples were placed on ice and delivered under strict chain-of-custody procedures to Analytical Environmental Services, Inc. (AES) in Atlanta, Georgia. The samples were analyzed for VOCs by EPA Method 8260B and fractional organic carbon by ASTM D2974. One quality assurance/quality control (QA/QC) trip blank was maintained during the sampling event and submitted to the laboratory for VOC analysis by EPA Method 8260B. Following the collection of the confirmatory samples, the excavation was backfilled and repaved with asphalt. The location of the confirmation soil samples are shown on **Figure 9**.

PCE and cis-1,2-DCE were detected above the laboratory reporting limit in all six of the confirmatory soil samples, while TCE was only detected above the laboratory reporting limit in two of the six samples. In addition, acetone was detected slightly above the laboratory reporting limit in the confirmatory soil sample collected from the northern wall (NW) of the excavation. Acetone was not detected above the laboratory reporting limit in any of the remaining confirmatory soil samples. The confirmatory soil analytical results are presented in **Table 2**, and the laboratory analytical report is provided in **Appendix B**.

None of the COCs exceeded the Type 1 RRS in the confirmatory soil samples, with the exception of PCE, which exceeded the Type 1 RRS in the confirmatory soil samples collected from the western wall (WW) and southern bottom (SB) of the excavation at concentrations of 1.3 mg/kg and 1.4 mg/kg, respectively.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Types 1 through 4 RRS have been calculated for the substances detected in soil and in groundwater. These calculations were provided in the First Semiannual VRP Progress Report and are not repeated here.

PCE was historically detected in groundwater at the VRP Property in excess of the Type 1 RRS at monitoring wells PMW-1 and MW-11D. The results of the July 2014 groundwater sampling demonstrated that both monitoring wells MW-11D and PMW-1 had achieved compliance with the Type 1 RRS.

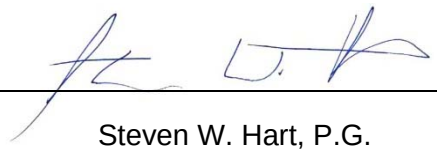
Based on the October 1999, February 2007, and August 2012 soil analytical results, PCE on the VRP Property exceeded the Type 1 RRS in a small area on the west-central portion of the Property. The soil exceeding the Type 1 RRS was excavated and removed from the Property on April 21, 2015, with the exception of soil on the western wall and southern bottom of the excavation that still exceeded the Type 1 RRS for PCE. The soil exceeding the Type 1 RRS was allowed to remain in place.

Given that the sample locations SB and WW were allowed to remain in place, Peachtree calculated a representative concentration (i.e., Exposure Point Concentration [EPC]) for PCE in accordance with the Georgia Voluntary Remediation Program Act (VRPA) rule 12-8-108.(3). Peachtree utilized ProUCL, a statistical analysis program developed by the EPA, to calculate the site-specific EPC for PCE. To calculate the EPC, Peachtree utilized soil analytical data for PCE from only those soil sample locations that are still present at the Property following the excavation. A total of fifteen PCE concentrations (including non-detect results) were entered into the ProUCL program for analysis. ProUCL generated three suggested upper concentration limits (UCLs) for PCE. The highest suggested UCL for PCE (0.826 mg/kg) was based on the Kaplan-Meier (Chebyshev) statistical analysis and was selected for this project as the site-specific EPC. The site-specific EPC for PCE is below the Type 4 RRS of 0.83 mg/kg. The ProUCL input data and results page are provided in **Appendix C**.

A monthly summary of Professional Engineer/Geologist hours expended as part of this semiannual progress report is included as **Appendix D**.

6.0 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."



Steven W. Hart, P.G.
Georgia Registration No. 660

7.0 REFERENCES

Buie, B.F., 1978, The Huber Formation of Eastern Central Georgia, in Platt, P.A., ed., Short Contributions to the Geology of Georgia; Georgia Geological Survey Bulletin, no. 93, p. 1-7.

Clark, W.Z., and A.C. Zisa, 1976, Physiographic Map of Georgia; Department of Natural Resources, Geologic and Water Resources Division, scale: 1:2,000,000

Georgia DNR, 2014, Georgia Ecoregions: Maps and Descriptions; Georgia Department of Natural Resources, Wildlife Resources Division (http://www.georgiawildlife.com/node/1704)

Higgins, M.W., R.L. Atkins, T.J. Crawford, R.F. Crawford, R/H/ Brooks, and R.B. Cook, 1988, The Structure, Stratigraphy, Tectonostratigraphy, and Evolution of the Southernmost Part of the Appalachian Orogen; U.S. Geological Survey Professional Paper 1475

NRCS, 2014, Web Soil Survey; United States Department of Agriculture, Natural Resources Conservation Service (http://websoilsurvey.nrcs.usda.gov/app/)

USDA, 1981, Soil Survey of Columbia, McDuffie, and Warren Counties, Georgia; United States Department of Agriculture, Soil Conservation Service, in cooperation with The University of Georgia, College of Agriculture, Agricultural Experiment Stations

TABLES

Columbia County Car Care Center
4014 Washington Road, Martinez, Columbia County, Georgia
HSI No. 10394

TABLE 1
Summary of Groundwater Level Measurements

Monitoring Well ID	Date	Top of Casing Elevation (feet)	Total Well Depth (feet)	Depth to Groundwater (feet)	Water Level Elevation (feet)
MW-5D	10/15/13	365.66	36.60	7.41	358.25
	07/02/14			7.72	357.94
MW-5DD	10/15/13	365.70	76.51	1.72	363.98
	07/02/14			2.57	363.13
MW-10	10/15/13	364.75	13.89	6.81	357.94
	07/02/14			6.77	357.98
MW-10D	10/15/13	364.37	28.04	6.06	358.31
	07/02/14			5.97	358.40
MW-11D	10/15/13	365.81	32.75	7.30	358.51
	07/02/14			7.51	358.30
MW-15	10/15/13	365.57	13.75	7.38	358.19
	07/02/14			7.37	358.20
MW-15D	10/15/13	365.54	28.79	7.00	358.54
	07/02/14			7.02	358.52
PMW-1	10/15/13	365.42	20.72	7.45	357.97
	07/02/14			7.62	357.80

NOTES:

Top of casing elevations based on survey data collected by Williams/Genesis, with the exception of MW-10, which was surveyed by Peachtree on April 21, 2015.

NS - Well not surveyed at time of water level measurement

Columbia County Car Care Center
4014 Washington Road, Martinez, Columbia County, Georgia
HSI No. 10394

TABLE 2
Summary of Soil Analytical Results for COCs

Sample ID	Sample Depth (feet)	Sample Date	cis-1,2-DCE (mg/kg)	PCE (mg/kg)	TCE (mg/kg)
WESB-26	2-3	06/03/99	-	**0.960**	-
WESB-30	2-3	06/02/99	-	<0.0056	-
WESB-31	2-3	06/03/99	-	0.075	-
WESB-32	3-3.5	07/27/99	-	0.0053	-
WESB-33	3-3.5	07/27/99	-	<0.0044	-
WESB-36	3-4	07/26/99	-	0.085	-
WESB-37	3-4	07/26/99	-	1.200E/<0.250	-
WESB-38	3-4	07/26/99	-	0.850E/<0.230	-
WESB-39	3-4	07/26/99	-	0.090	-
WESB-40	3-4	07/26/99	-	**1,400**	-
WESB-42	3-4	07/26/99	-	2.200E/<0.220	-
WESB-43	3-4	07/26/99	-	0.610E/<0.220	-
WESB-44	3-4	07/26/99	-	0.480E/<0.230	-
WESB-45	3-4	07/26/99	-	0.056	-
WESB-46	3-4	07/26/99	-	<0.0044	-
SB-1-1	1.5	02/13/07	<0.00472	**0.558**	<0.00472
SB-1-2	6	02/13/07	<0.00500	0.0540	<0.00500
SB-2-1	1.5	02/13/07	0.00750	**8.330**	<0.00464
SB-2-2	5.5	02/13/07	<0.00476	**4.360**	<0.00476
SB-3-1	1.5	02/13/07	0.0207	**0.642**	0.00860
SB-3-2	6	02/13/07	<0.186	0.205	<0.186
SB-4-1	1.5	02/13/07	<0.00541	**2.020**	<0.00541
SB-4-2	6	02/13/07	<0.186	<0.186	<0.186
SB-5-1	1	02/13/07	0.00758	**3.580**	<0.00566
SB-5-2	5.5	02/13/07	<0.00394	0.105	<0.00394
DP-1	0-2	08/30/12	<0.0063	**3.2**	<0.0063
DP-1	3	08/30/12	<0.0090	**0.58**	<0.0090
DP-1	5	08/30/12	<0.0066	<0.0066	<0.0066
DP-2	0-2	08/30/12	<0.0059	0.048	<0.0059
DP-2	5	08/30/12	<0.0030	0.24	<0.0030
DP-2	6	08/30/12	<0.0026	0.027	<0.0026
DP-3	0-2	08/30/12	0.035	0.46	<0.014
DP-3	3	08/30/12	1.7	**1.1**	0.090
DP-3	5	08/30/12	3.6	**8.0**	0.053
DP-3	6	08/30/12	0.024	0.13	<0.0064
DP-4	0-2	08/30/12	<0.0029	0.0037	<0.0029
DP-4	5	08/30/12	0.0084	0.088	<0.0034

Columbia County Car Care Center
4014 Washington Road, Martinez, Columbia County, Georgia
HSI No. 10394

TABLE 2
Summary of Soil Analytical Results for COCs

Sample ID	Sample Depth (feet)	Sample Date	cis-1,2-DCE (mg/kg)	PCE (mg/kg)	TCE (mg/kg)
DP-5	0-2	08/30/12	0.012	0.11	<0.0077
DP-5	3	08/30/12	0.052	**2.0**	0.020
DP-5	6	08/30/12	<0.0088	0.025	<0.0088
DP-6	0-2	08/30/12	<0.0056	**1.7**	<0.0056
DP-6	5	08/30/12	0.010	0.086	<0.0085
DP-7	0-2	08/30/12	0.0090	**19**	<0.0082
DP-7	5	08/30/12	0.012	0.098	<0.0085
DP-8	0-2	08/30/12	<0.0067	0.10	<0.0067
DP-8	3	08/30/12	0.062	**2.5**	0.031
DP-8	6	08/30/12	<0.0068	0.16	<0.0068
NW	4	04/21/15	0.029	0.044	<0.0045
WW	4	04/21/15	0.072	**1.3**	0.0083
SW	4	04/21/15	0.035	0.085	0.0069
EW	4	04/21/15	0.030	0.081	<0.0051
NB	6	04/21/15	0.033	0.26	<0.0047
SB	6	04/21/15	0.025	**1.4**	<0.0042
Exposure Point Concentration			N/A	0.826	N/A
Type 1 RRS			7.0	N/A	0.5
Type 4 RRS			N/A	0.83	N/A

NOTES:

Samples highlighted in green have been excavated and removed from the Property. The remaining samples were used in the EPC calculation for PCE.

Dash (-) indicates sample was not analyzed for constituent.

Bolded value indicates concentration is above the applicable risk reduction standard (RRS).

N/A - not applicable

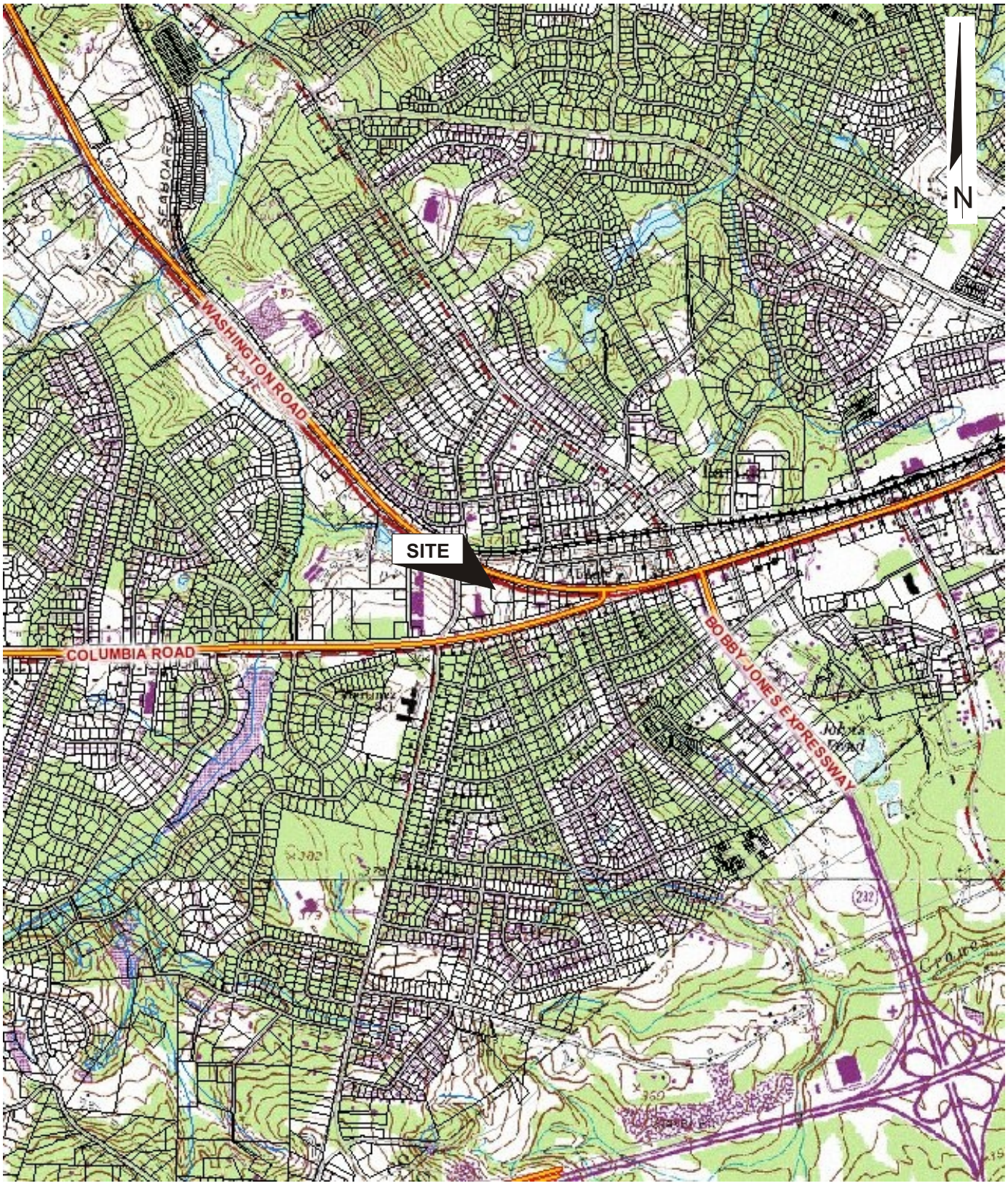
Columbia County Car Care Center
4014 Washington Road, Martinez, Columbia County, Georgia
HSI No. 10394

TABLE 3
Summary of Groundwater Analytical Results for COCs

Monitoring Well ID	Sample Date	cis-1,2-DCE (µg/L)	PCE (µg/L)
MW-5D	08/29/12	<5.0	<5.0
	10/15/13	<5.0	<5.0
	07/02/14	<5.0	<5.0
MW-5DD	08/29/12	<5.0	<5.0
	10/15/13	<5.0	<5.0
	07/02/14	<5.0	<5.0
MW-10	08/29/12	<5.0	<5.0
	10/15/13	<5.0	<5.0
	07/02/14	<5.0	<5.0
MW-10D	08/29/12	<5.0	<5.0
	10/15/13	<5.0	<5.0
	07/02/14	<5.0	<5.0
MW-11D	08/29/12	<5.0	**6.5**
	10/15/13	<5.0	**6.0**
	07/02/14	<5.0	<5.0
MW-15	08/29/12	<5.0	<5.0
	10/15/13	<5.0	<5.0
	07/02/14	<5.0	<5.0
MW-15D	08/29/12	<5.0	<5.0
	10/15/13	<5.0	<5.0
	07/02/14	<5.0	<5.0
PMW-1	08/30/12	<5.0	**250**
	10/15/13	17	<5.0
	10/15/13 (duplicate)	<5.0	<5.0
	07/02/14	<5.0	<5.0
	07/02/14 (duplicate)	12	**6.6**
Type 1 RRS		**70**	**5**

NOTES:
Bolded value indicates concentration is above Type 1 RRS

FIGURES



Source: United States Geological Survey 7.5 Minute Topographic Map
Martinez Quadrangle

SITE LOCATION

Scale: 1"= 1,800 ft.

0 900 1800 3600

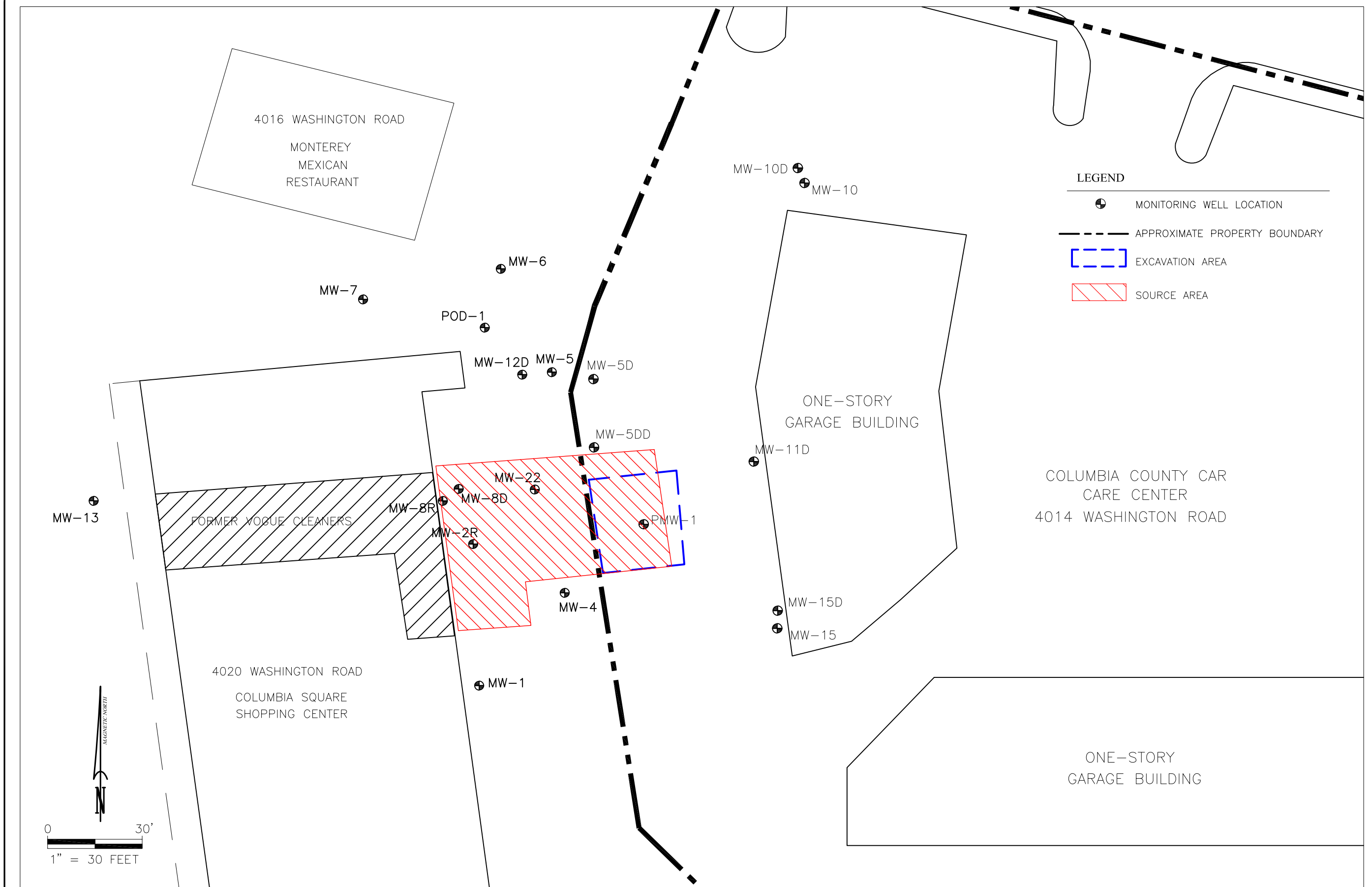
APPROX. SCALE IN FEET

Peachtree Environmental

COLUMBIA COUNTY CAR CARE CENTER
MARTINEZ, COLUMBIA COUNTY, GEORGIA

FIGURE 1
VRP PROPERTY LOCATION/USGS TOPOGRAPHIC LOCATION MAP

4th SEMIANNUAL VRP PROGRESS REPORT



NOTE: Scale is approximate

FOURTH SEMIANNUAL VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT

SEPTEMBER 2015

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
	DATE OF ISSUE 09/29/2015		MRH		BDW	
			DES BY		CHK BY	
			GENESIS		SRH	
					APP BY	

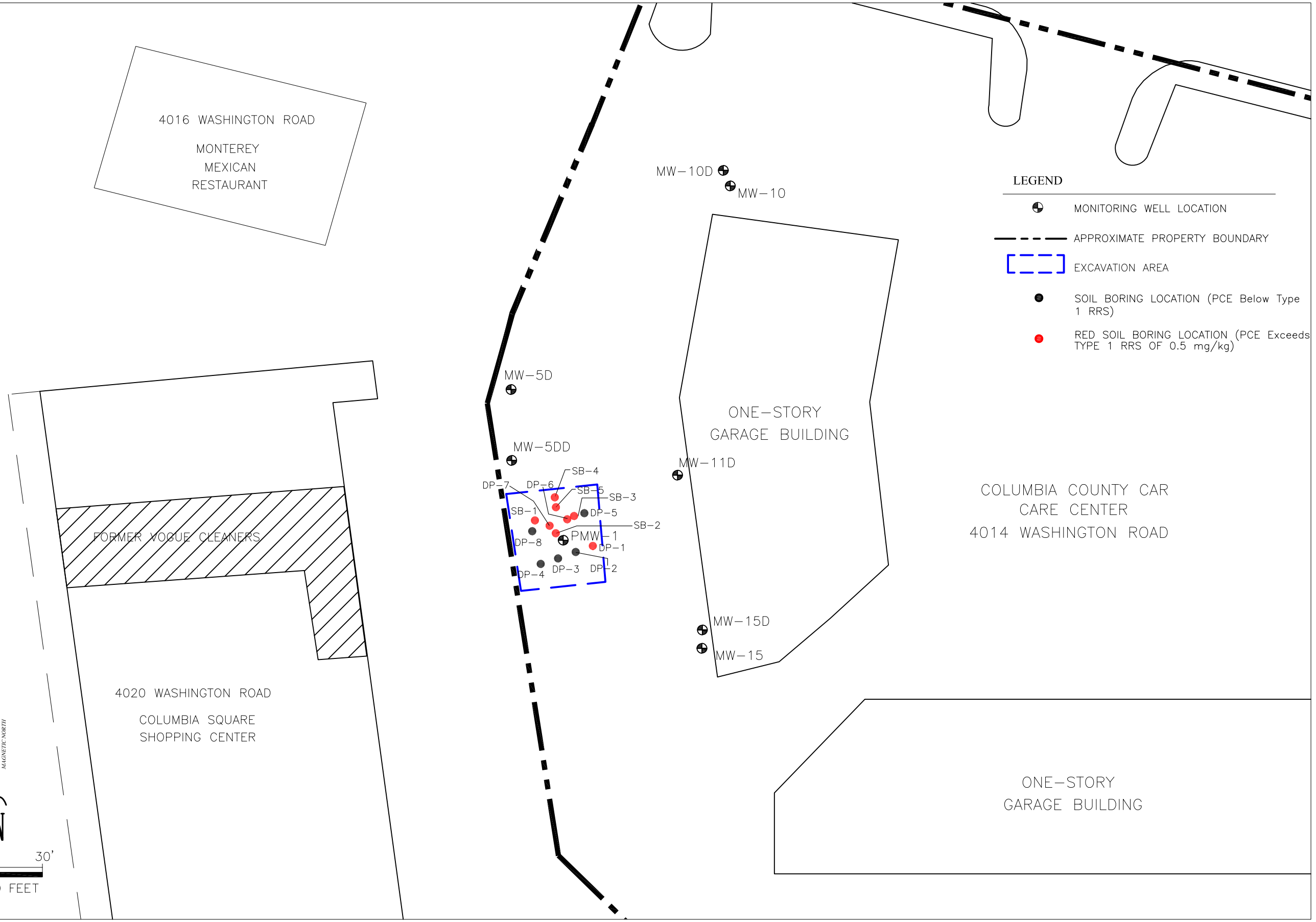
COLUMBIA COUNTY CAR CARE CENTER
4014 WASHINGTON ROAD
MARTINEZ, GEORGIA

VRP PROPERTY LAYOUT MAP

FIGURE NO. 2

5C

3226



NOTE: Scale is approximate

FOURTH SEMIANNUAL VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT

SEPTEMBER 2015

REV	DATE	DWN BY	CHK BY	APP BY	DESCRIPTION
	DATE OF ISSUE 09/29/2015	DES BY MDH GENESIS	CHK BY BDW	APP BY SRH	

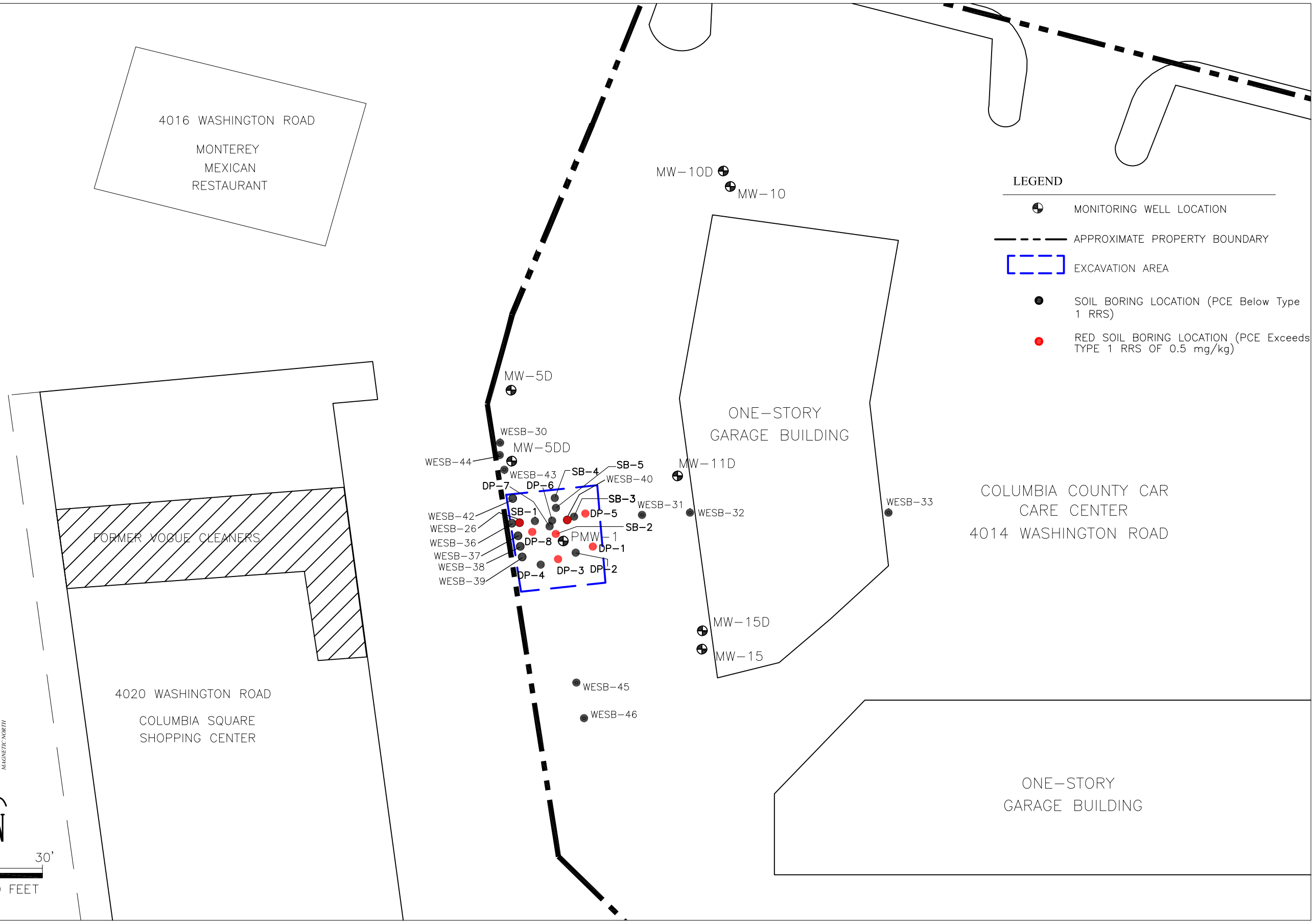
COLUMBIA COUNTY CAR CARE CENTER
4014 WASHINGTON ROAD
MARTINEZ, GEORGIA

PRE - EXCAVATION SOIL ANALYTICAL RESULTS FOR PCE LESS THAN 2 FEET BGS

FIGURE NO. 3

5C

3226



NOTE: Scale is approximate

FOURTH SEMIANNUAL VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT

SEPTEMBER 2015

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
	DATE OF ISSUE 09/29/2015		MRH GENESIS		CHK BY	BDW
					APP BY	SRH

COLUMBIA COUNTY CAR CARE CENTER
4014 WASHINGTON ROAD
MARTINEZ, GEORGIA
PRE - EXCAVATION SOIL ANALYTICAL RESULTS FOR PCE GREATER THAN 2 FEET BGS

FIGURE NO. 4

5C

3226

4016 WASHINGTON ROAD

MONTEREY
MEXICAN
RESTAURANT

A

B'

MW-10D

MW-10

MW-6

MW-7

POD-1

MW-12D

MW-5

MW-5D

WESB-30

MW-5DD

WESB-44

WESB-43

ONE-STORY
GARAGE BUILDING

MW-11D

MW-22

MW-13

FORMER VOGUE CLEANERS

MW-8R

MW-8D

MW-2R

WESB-31

WESB-32

WESB-33

PMW-1

COLUMBIA COUNTY CAR
CARE CENTER
4014 WASHINGTON ROAD

MW-4

MW-15D

MW-15

A'

4020 WASHINGTON ROAD

COLUMBIA SQUARE
SHOPPING CENTER

MW-1

WESB-45

WESB-46

B

ONE-STORY
GARAGE BUILDING

MAGNETIC NORTH

N

0 30'

1" = 30 FEET

NOTE: Scale is approximate

LEGEND

- MONITORING WELL LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- EXCAVATION AREA
- SOIL BORING SAMPLE LOCATION

FOURTH SEMIANNUAL VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT

SEPTEMBER 2015

REV	DATE	DESCRIPTION	DWN BY	CHK BY	APP BY
DATE OF ISSUE 09/29/2015			MDH	BDW	
DWN BY MDH			GENESIS	SRH	
DES BY GENESIS					

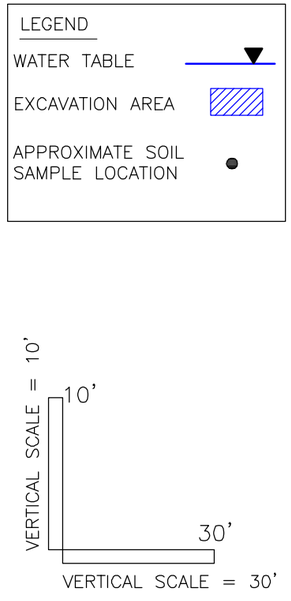
COLUMBIA COUNTY CAR CARE CENTER
4014 WASHINGTON ROAD
MARTINEZ, GEORGIA

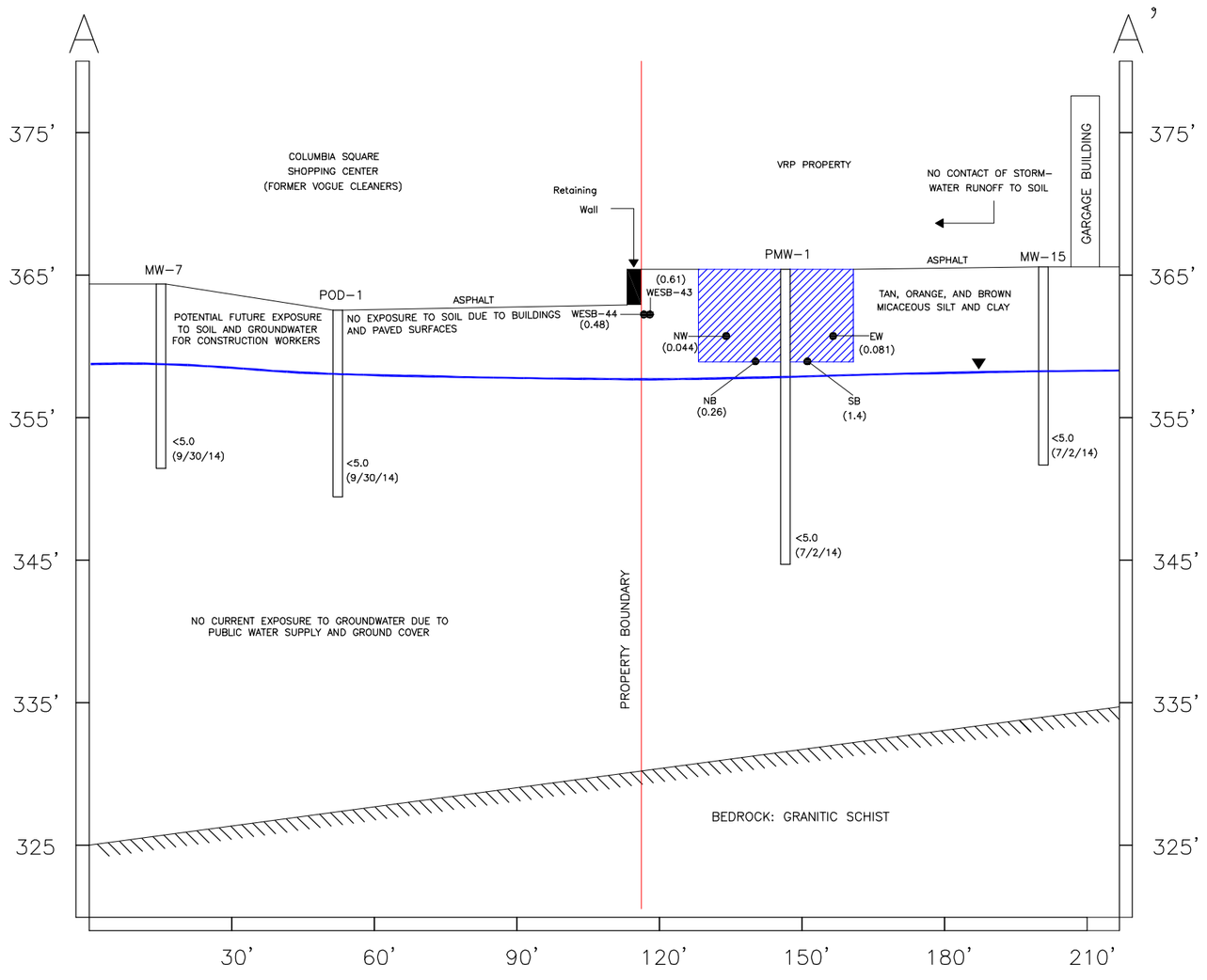
CONCEPTUAL SITE MODEL
CROSS-SECTION LOCATION MAP

FIGURE NO. 5

5C

3226



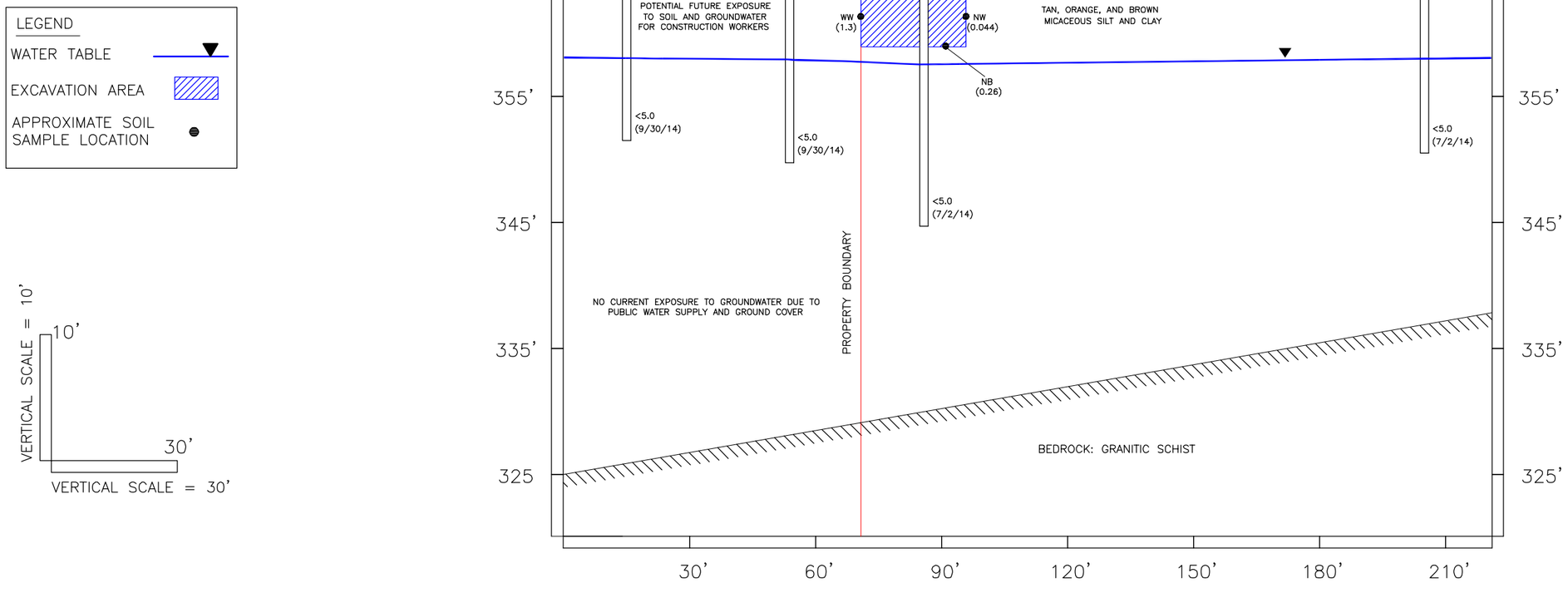


NOTE: ONLY SHALLOW MONITORING WELLS ALONG CROSS SECTION ARE SHOWN.
SOIL RESULTS REPORTED IN MILLIGRAMS PER KILOGRAM.
GROUNDWATER RESULTS REPORTED IN MICROGRAMS PER LITER.

FIGURE NO.	FORMER COLUMBIA CAR CARE CENTER WASHINGTON ROAD MARTINEZ, GEORGIA	Peachtree Environmental
6 CCCC 3226	CONCEPTUAL SITE MODEL CROSS SECTION A-A'	

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE 8/25/2015 DWN BY MRH DES BY MRH CHK BY BDW APP BY SWH



NOTE: ONLY SHALLOW MONITORING WELLS ALONG CROSS SECTION ARE SHOWN.
SOIL RESULTS REPORTED IN MILLIGRAMS PER KILOGRAM.
GROUNDWATER RESULTS REPORTED IN MICROGRAMS PER LITER.

FIGURE NO. 7
CCCC
3226

FORMER COLUMBIA CAR CARE CENTER
WASHINGTON ROAD
MARTINEZ, GEORGIA

CONCEPTUAL SITE MODEL CROSS SECTION B-B'

Peachtree Environmental

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE 8/25/2015
DWN BY MRH CHK BY EDW
DES BY MRH APP BY SWH

4016 WASHINGTON ROAD

MONTEREY
MEXICAN
RESTAURANT

357.8

358.0

358.2

MW-10D

(357.98)
MW-10

MW-5D

MW-5DD

ONE-STORY
GARAGE BUILDING

MW-11D

PMW-1
(357.80)

FORMER VOGUE CLEANERS

COLUMBIA COUNTY CAR
CARE CENTER
4014 WASHINGTON ROAD

MW-15D
(358.20)
MW-15

4020 WASHINGTON ROAD

COLUMBIA SQUARE
SHOPPING CENTER

ONE-STORY
GARAGE BUILDING

MAGNETIC NORTH

N

0 30'

1" = 30 FEET

LEGEND

- MONITORING WELL LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- EXCAVATION AREA
- (357.98) GROUNDWATER ELEVATION (ft) DATA COLLECTED JULY 2, 2014
- GROUNDWATER ELEVATION CONTOUR (FEET)
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTE: Scale is approximate

FOURTH SEMIANNUAL VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT

SEPTEMBER 2015

REV	DATE	DESCRIPTION	DWN BY	CHK BY	APP BY
	DATE OF ISSUE 09/25/2015		DWN BY MRH DES BY GENESIS	CHK BY BDW APP BY SRH	

COLUMBIA COUNTY CAR CARE CENTER
4014 WASHINGTON ROAD
MARTINEZ, GEORGIA

POTENTIOMETRIC MAP OF SHALLOW GROUNDWATER

FIGURE NO. 8

5C

3226

4016 WASHINGTON ROAD

MONTEREY
MEXICAN
RESTAURANT

MW-10D

MW-10

NW	
Acetone	0.092
cis-1,2-DCE	0.029
PCE	0.044
TCE	<0.0045

EW	
Acetone	<0.10
cis-1,2-DCE	0.030
PCE	0.081
TCE	<0.0051

MW-5D

NB	
Acetone	<0.094
cis-1,2-DCE	0.033
PCE	0.26
TCE	<0.0047

ONE-STORY
GARAGE BUILDING

MW-5DD

MW-11D

NW

NB

EW

PMW-1

WW	
Acetone	<0.089
cis-1,2-DCE	0.072
PCE	**1.3**
TCE	0.0083

WW

SB

SW

SB	
Acetone	<0.084
cis-1,2-DCE	0.025
PCE	**1.4**
TCE	<0.0042

SW	
Acetone	<0.091
cis-1,2-DCE	0.035
PCE	0.085
TCE	0.0069

COLUMBIA COUNTY CAR
CARE CENTER
4014 WASHINGTON ROAD

MW-15D

MW-15

FORMER VOGUE CLEANERS

4020 WASHINGTON ROAD

COLUMBIA SQUARE
SHOPPING CENTER

ONE-STORY
GARAGE BUILDING

MAGNETIC NORTH

N

0 30'

1" = 30 FEET

NOTE: Scale is approximate

LEGEND

- MONITORING WELL LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- EXCAVATION AREA
- CONFIRMATORY SAMPLE LOCATION

CONFIRMATORY SAMPLES COLLECTED APRIL 21, 2015
SAMPLE RESULTS REPORTED IN mg/kg

FOURTH SEMIANNUAL VOLUNTARY REMEDIATION PROGRAM PROGRESS REPORT

SEPTEMBER 2015

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
	DATE OF ISSUE 09/25/2015		MDH GENESIS		CHK BY	BDW
			DWN BY		APP BY	SRH

Peachtree Environmental

COLUMBIA COUNTY CAR CARE CENTER
4014 WASHINGTON ROAD
MARTINEZ, GEORGIA

POST-EXCAVATION CONFIRMATORY SOIL ANALYTICAL RESUTS FOR PCE

FIGURE NO. **9**

5C

3226

APPENDIX A

WASTE DISPOSAL MANIFESTS

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: **15-0318**

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Signature Date: 21 April 2015

WASTE TRANSPORTER

Company Name: Shealy Trucking Driver Name: Charles
Address: 503 Railroad Ave Truck Number: S-102
City/State/Zip: Grovetown GA 30813 Shipment Date: 4-21-15
Phone: 706-829-9669 Delivery Date: Same

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: _____

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 1416869 Tonnage: 18.27 Cell/Lift: EC8cell

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (print) Signature Date: 4-21-15

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: 15-0318

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Signature — Date: 21 April 2015

WASTE TRANSPORTER

Company Name: Shoaly TPK Driver Name: J Hartnett
Address: Pratt Road / AU Truck Number: S-109
City/State/Zip: Thomaston Ga 30813 Shipment Date: 4-21-15
Phone: 706 729-9669 Delivery Date: 4-21-15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: J Hartnett

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 1416861 Tonnage: 20 ~~40~~ Cell/Lift: CCBHT

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (print) — Signature — Date: 4-21-15

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____
_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: **15-0318**

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Signature — Date: 21 April 2015

WASTE TRANSPORTER

Company Name: DAVIS HAULING Driver Name: Thomas Maciejewski
Address: _____ Truck Number: 256
City/State/Zip: _____ Shipment Date: _____
Phone: 706 738 1413 Delivery Date: 4-21-15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: Thomas Maciejewski

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 14168447 Tonnage: 20.98 Cell/Lift: Cell 4

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (print): Vicki Tull — Signature — Date: 4-21-15

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____
_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: **15-0318**

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

_____ 21 April 2015
Generator Authorized Agent Signature Date

WASTE TRANSPORTER

Company Name: Streety Driver Name: J. A. Kelly
Address: Southgate Ct. Truck Number: 5-103
City/State/Zip: Thomaston Ga 30813 Shipment Date: 4-21-15
Phone: 706-829-9669 Delivery Date: 4-21-15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: J. A. Kelly

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 1416823 Tonnage: 18.90 Cell/Lift: EG3 Lift

I hereby acknowledge receipt of the above-described materials.

Vick Tutt _____ 4-21-15
Name of Authorized Agent (print) Signature Date

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____
_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: **15-0318**

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Signature — Date: 21 April 2015

WASTE TRANSPORTER

Company Name: Sheely TRK Driver Name: J H Sheely
Address: Railroad ave Truck Number: S-103
City/State/Zip: Thomaston Ga 30813 Shipment Date: 4-21-15
Phone: 706 829-9669 Delivery Date: 4-21-15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

X Driver Signature: James H Sheely

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 1416779 Tonnage: 21.09 Cell/Lift: Trench

I hereby acknowledge receipt of the above-described materials.

Name of Authorized Agent (print) — Signature — Date: 4-21-15

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____
_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: 15-0318

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Signature — Date: 21 April 2015

WASTE TRANSPORTER

Company Name: C&P Hauling Driver Name: J. H. SHELTON
Address: Railroad Ave Truck Number: S-103
City/State/Zip: Grovetown GA Shipment Date: 4-21-15
Phone: 706-829-9669 Delivery Date: 4-21-15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: James Shelton

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 1416742 Tonnage: 21.18 Cell/Lift: 6 63 Lift

I hereby acknowledge receipt of the above-described materials.

Natalie Sherrod — Name of Authorized Agent (print)
Natalie Sherrod — Signature
4/21/15 — Date

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____
_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: 15-0318

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

_____ 21 April 2015
Generator Authorized Agent Signature Date

WASTE TRANSPORTER

Company Name: DAVIS HAULING Driver Name: Thomas MACIEJEWSKI
Address: _____ Truck Number: 256
City/State/Zip: AUGUSTA GA Shipment Date: 4-21-15
Phone: 706 738 1413 Delivery Date: _____

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: Thomas Maciejewski

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 1411721 Tonnage: 21.01 Cell/Lift: E6 3Lift

I hereby acknowledge receipt of the above-described materials.

Natalie Sherrod Natalie Sherrod 4/21/15
Name of Authorized Agent (print) Signature Date

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____
_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: **15-0318**

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Signature — Date: 21 April 2015

WASTE TRANSPORTER

Company Name: SHEALY TRK Driver Name: JAMES H SHELLNUT
Address: Rail Road AVE Truck Number: 5-103
City/State/Zip: GROVE TOWN, GA. 30813 Shipment Date: 4-21-15
Phone: 706-829-9669 Delivery Date: 4-21-15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: James H Shellnut

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 141673160 Tonnage: 19.2 Cell/Lift: E6 3Lift

I hereby acknowledge receipt of the above-described materials.

Natalie Sherrod — Name of Authorized Agent (print)
Natalie Sherrod — Signature
4/21/15 — Date

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____
_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: **15-0318**

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

_____ 21 April 2015
Generator Authorized Agent Signature Date

WASTE TRANSPORTER

Company Name: DAVIS HAULING Driver Name: Thomas Marcyniak
Address: _____ Truck Number: 256
City/State/Zip: _____ Shipment Date: _____
Phone: 706 732 1413 Delivery Date: 4-21-15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: Thomas Marcyniak

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 141/6256 Tonnage: 19.94 Cell/Lift: Eca3/4

I hereby acknowledge receipt of the above-described materials.

Vicki Smith _____ 4-21-15
Name of Authorized Agent (print) Signature Date

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____

_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: **15-0318**

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

_____ 21 April 2015
Generator Authorized Agent Signature Date

WASTE TRANSPORTER

Company Name: DAVIS HAULING Driver Name: Thomas Maciejewski
Address: _____ Truck Number: 256
City/State/Zip: _____ Shipment Date: _____
Phone: 706 738 1413 Delivery Date: 4-21-15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: Thomas Maciejewski

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 1416898 Tonnage: 21.54 Cell/Lift: E 634ft

I hereby acknowledge receipt of the above-described materials.

Natalie Sherrod Natalie Sherrod 4/21/15
Name of Authorized Agent (print) Signature Date

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____

_____

Augusta
Environmental Services
Generator's Non-Hazardous Waste Manifest

Reference Profile Number: **15-0318**

WASTE GENERATOR

Generator Name: 5C Washington Road, LLC Email Address: _____
Physical Address: 4014 Washington Road Phone: 770 449-6100
City/State/Zip: Martinez, Georgia 30907 Fax: _____

Authorized Agent/Contact Name/Title: Thomas Lawrence, Consultant with Peachtree Environmental

Description of Waste: Contaminated soil from excavation
Amount: approximately 200 yards

I hereby certify that the above-described materials are not hazardous waste as defined by 40 CFR 261 or any applicable state law, have been fully and accurately described, classified, and packaged, and are in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Signature — Date: 21 April 2015

WASTE TRANSPORTER

Company Name: Charles Shenley Driver Name: Nathan Clements
Address: 503 Railroad Ave Truck Number: 101
City/State/Zip: Grovetown, GA. 30813 Shipment Date: 4/21/15
Phone: 706 860 0294 Delivery Date: 4/21/15

I hereby acknowledge the receipt of the above described materials from the generator site listed above. I hereby acknowledge that the above-described materials were transported without incident to the destination listed below.

Driver Signature: _____

DESTINATION – WASTE DISPOSAL FACILITY

Disposal Facility: Augusta Deans Bridge Road MSW Landfill Phone: 706-592-3200
Address: 4330 Deans Bridge Road, Blythe, GA 30805 Permit #: 121-108D(MSWL)

Ticket Number: 146882 Tonnage: 17.46 Cell/Lift: E63Left

I hereby acknowledge receipt of the above-described materials.

Natalie Shemwell — Natalie Shemwell — 4/21/15
Name of Authorized Agent (print) — Signature — Date

BILLING

Bill the load described above to (circle one): (Generator) Transporter Other: _____

HAZARD INFORMATION

_____

_____

APPENDIX B

LABORATORY ANALYTICAL REPORT

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

April 28, 2015

Anthony Nievera
Peachtree Environmental
3000 Northwoods Pkwy
Norcross GA 30071

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

RE: Columbia Co Car Care Center

Dear Anthony Nievera: Order No: 1504I66

Analytical Environmental Services, Inc. received 7 samples on 4/22/2015 12:40:00 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 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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
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: 1504166

Date: 4-21-15 Page 1 of 1

COMPANY: Peachtree Environmental
ADDRESS: 3000 Northwoods Pkwy Ste 103 Norcross GA 30071
PHONE: 770 449-6100
FAX:
SAMPLED BY: Thom Lawrence
SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED: VOC	ANALYSIS REQUESTED: FOC	PRESERVATION (See codes): H+I	PRESERVATION (See codes): I	REMARKS	No # of Containers
1	NW	4-21-15	1500	X		So	X	X				5
2	WW	4-21-15	1505	X		So	X	X				5
3	SW	4-21-15	1515	X		So	X	X				5
4	EW	4-21-15	1510	X		So	X	X				5
5	NB	4-21-15	1520	X		So	X	X				5
6	SB	4-21-15	1525	X		So	X	X				5
7	Trip											
8												
9												
10												
11												
12												
13												
14												

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

RELINQUISHED BY DATE/TIME
1: 4-22-15 1240
2:
3:

RECEIVED BY DATE/TIME
1: Cathy Reeves 4/22/15 12:40
2:
3:

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Columbia County Car Care
PROJECT #: 3226
SITE ADDRESS: Martinez, GA
SEND REPORT TO:
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

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

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

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

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: Peachtree Environmental
Project: Columbia Co Car Care Center
Lab ID: 1504I66

Case Narrative

Sample Receiving Nonconformance:

Sample information on the Chain of Custody did not match that on the sample bottle labels for samples 1504I66-006B and 1504I66-006C. The collection date was written on those jars. Samples were logged in using the information on the COC

Volatile Organic Compounds Analysis by Method 8260B:

Tetrachloroethene value for sample 1504I66-005A is "E" qualified indicating an estimated value over linear calibration range. Sample was diluted and reanalyzed using the supplied methanol preserved sample at the minimum dilution allowed resulting in analytes being below reporting limits.

Analytical Environmental Services, Inc **Date:** 28-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	NW
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:00:00 PM
Lab ID:	1504I66-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,1,2,2-Tetrachloroethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,1,2-Trichloroethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,1-Dichloroethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,1-Dichloroethene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,2,4-Trichlorobenzene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,2-Dibromo-3-chloropropane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,2-Dibromoethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,2-Dichlorobenzene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,2-Dichloroethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,2-Dichloropropane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,3-Dichlorobenzene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
1,4-Dichlorobenzene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
2-Butanone	BRL	0.045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
2-Hexanone	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
4-Methyl-2-pentanone	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Acetone	0.092	0.089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Benzene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Bromodichloromethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Bromoform	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Bromomethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Carbon disulfide	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Carbon tetrachloride	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Chlorobenzene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Chloroethane	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Chloroform	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Chloromethane	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
cis-1,2-Dichloroethene	0.029	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
cis-1,3-Dichloropropene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Cyclohexane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Dibromochloromethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Dichlorodifluoromethane	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Ethylbenzene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Freon-113	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Isopropylbenzene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
m,p-Xylene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Methyl acetate	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Methyl tert-butyl ether	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Methylcyclohexane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Methylene chloride	BRL	0.018		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
o-Xylene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD

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-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	NW
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:00:00 PM
Lab ID:	1504I66-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Tetrachloroethene	0.044	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Toluene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
trans-1,2-Dichloroethene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
trans-1,3-Dichloropropene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Trichloroethene	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Trichlorofluoromethane	BRL	0.0045		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Vinyl chloride	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 12:41	MD
Surr: 4-Bromofluorobenzene	102	70-128		%REC	206339	1	04/23/2015 12:41	MD
Surr: Dibromofluoromethane	99	78.2-128		%REC	206339	1	04/23/2015 12:41	MD
Surr: Toluene-d8	97.5	76.5-116		%REC	206339	1	04/23/2015 12:41	MD
FOC/FOM ASTMD2974								
Fractional Organic Carbon	0.900	0.0580		%	206349	1	04/23/2015 09:00	OM
PERCENT MOISTURE D2216								
Percent Moisture	7.68	0		wt%	R290641	1	04/27/2015 10:00	PF

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:** 28-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	WW
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:05:00 PM
Lab ID:	1504I66-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,1,2,2-Tetrachloroethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,1,2-Trichloroethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,1-Dichloroethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,1-Dichloroethene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,2,4-Trichlorobenzene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,2-Dibromo-3-chloropropane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,2-Dibromoethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,2-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,2-Dichloroethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,2-Dichloropropane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,3-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
1,4-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
2-Butanone	BRL	0.044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
2-Hexanone	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
4-Methyl-2-pentanone	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Acetone	BRL	0.089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Benzene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Bromodichloromethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Bromoform	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Bromomethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Carbon disulfide	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Carbon tetrachloride	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Chlorobenzene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Chloroethane	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Chloroform	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Chloromethane	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
cis-1,2-Dichloroethene	0.072	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
cis-1,3-Dichloropropene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Cyclohexane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Dibromochloromethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Dichlorodifluoromethane	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Ethylbenzene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Freon-113	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Isopropylbenzene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
m,p-Xylene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Methyl acetate	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Methyl tert-butyl ether	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Methylcyclohexane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Methylene chloride	BRL	0.018		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
o-Xylene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD

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-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	WW
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:05:00 PM
Lab ID:	1504I66-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Tetrachloroethene	1.3	0.28		mg/Kg-dry	206486	50	04/25/2015 18:52	MD
Toluene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
trans-1,2-Dichloroethene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
trans-1,3-Dichloropropene	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Trichloroethene	0.0083	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Trichlorofluoromethane	BRL	0.0044		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Vinyl chloride	BRL	0.0089		mg/Kg-dry	206339	1	04/23/2015 13:05	MD
Surr: 4-Bromofluorobenzene	90	70-128		%REC	206339	1	04/23/2015 13:05	MD
Surr: 4-Bromofluorobenzene	95.4	70-128		%REC	206486	50	04/25/2015 18:52	MD
Surr: Dibromofluoromethane	88.8	78.2-128		%REC	206339	1	04/23/2015 13:05	MD
Surr: Dibromofluoromethane	92.5	78.2-128		%REC	206486	50	04/25/2015 18:52	MD
Surr: Toluene-d8	99.2	76.5-116		%REC	206339	1	04/23/2015 13:05	MD
Surr: Toluene-d8	92.6	76.5-116		%REC	206486	50	04/25/2015 18:52	MD
FOC/FOM ASTMD2974								
Fractional Organic Carbon	1.40	0.0580		%	206349	1	04/23/2015 09:00	OM
PERCENT MOISTURE D2216								
Percent Moisture	12.7	0		wt%	R290641	1	04/27/2015 10:00	PF

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:** 28-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	SW
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:15:00 PM
Lab ID:	1504I66-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,1,2,2-Tetrachloroethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,1,2-Trichloroethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,1-Dichloroethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,1-Dichloroethene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,2,4-Trichlorobenzene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,2-Dibromo-3-chloropropane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,2-Dibromoethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,2-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,2-Dichloroethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,2-Dichloropropane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,3-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
1,4-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
2-Butanone	BRL	0.046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
2-Hexanone	BRL	0.0091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
4-Methyl-2-pentanone	BRL	0.0091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Acetone	BRL	0.091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Benzene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Bromodichloromethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Bromoform	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Bromomethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Carbon disulfide	BRL	0.0091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Carbon tetrachloride	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Chlorobenzene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Chloroethane	BRL	0.0091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Chloroform	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Chloromethane	BRL	0.0091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
cis-1,2-Dichloroethene	0.035	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
cis-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Cyclohexane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Dibromochloromethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Dichlorodifluoromethane	BRL	0.0091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Ethylbenzene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Freon-113	BRL	0.0091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Isopropylbenzene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
m,p-Xylene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Methyl acetate	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Methyl tert-butyl ether	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Methylcyclohexane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Methylene chloride	BRL	0.018		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
o-Xylene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD

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-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	SW
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:15:00 PM
Lab ID:	1504I66-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Tetrachloroethene	0.085	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Toluene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
trans-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
trans-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Trichloroethene	0.0069	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Trichlorofluoromethane	BRL	0.0046		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Vinyl chloride	BRL	0.0091		mg/Kg-dry	206339	1	04/23/2015 13:29	MD
Surr: 4-Bromofluorobenzene	98.9	70-128		%REC	206339	1	04/23/2015 13:29	MD
Surr: Dibromofluoromethane	98.9	78.2-128		%REC	206339	1	04/23/2015 13:29	MD
Surr: Toluene-d8	98.7	76.5-116		%REC	206339	1	04/23/2015 13:29	MD
FOC/FOM ASTMD2974								
Fractional Organic Carbon	1.20	0.0580		%	206349	1	04/23/2015 09:00	OM
PERCENT MOISTURE D2216								
Percent Moisture	10.3	0		wt%	R290641	1	04/27/2015 10:00	PF

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:** 28-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	EW
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:10:00 PM
Lab ID:	1504I66-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,1,2,2-Tetrachloroethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,1,2-Trichloroethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,1-Dichloroethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,1-Dichloroethene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,2,4-Trichlorobenzene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,2-Dibromo-3-chloropropane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,2-Dibromoethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,2-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,2-Dichloroethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,2-Dichloropropane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,3-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
1,4-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
2-Butanone	BRL	0.051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
2-Hexanone	BRL	0.010		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Acetone	BRL	0.10		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Benzene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Bromodichloromethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Bromoform	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Bromomethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Carbon disulfide	BRL	0.010		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Carbon tetrachloride	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Chlorobenzene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Chloroethane	BRL	0.010		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Chloroform	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Chloromethane	BRL	0.010		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
cis-1,2-Dichloroethene	0.030	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
cis-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Cyclohexane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Dibromochloromethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Ethylbenzene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Freon-113	BRL	0.010		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Isopropylbenzene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
m,p-Xylene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Methyl acetate	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Methyl tert-butyl ether	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Methylcyclohexane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Methylene chloride	BRL	0.020		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
o-Xylene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD

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-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	EW
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:10:00 PM
Lab ID:	1504I66-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Tetrachloroethene	0.081	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Toluene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
trans-1,2-Dichloroethene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
trans-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Trichloroethene	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Trichlorofluoromethane	BRL	0.0051		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Vinyl chloride	BRL	0.010		mg/Kg-dry	206339	1	04/23/2015 13:53	MD
Surr: 4-Bromofluorobenzene	91.9	70-128		%REC	206339	1	04/23/2015 13:53	MD
Surr: Dibromofluoromethane	89.5	78.2-128		%REC	206339	1	04/23/2015 13:53	MD
Surr: Toluene-d8	100	76.5-116		%REC	206339	1	04/23/2015 13:53	MD
FOC/FOM ASTMD2974								
Fractional Organic Carbon	0.600	0.0580		%	206349	1	04/23/2015 09:00	OM
PERCENT MOISTURE D2216								
Percent Moisture	7.29	0		wt%	R290641	1	04/27/2015 10:00	PF

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:** 28-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	NB
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:20:00 PM
Lab ID:	1504I66-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,1,2,2-Tetrachloroethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,1,2-Trichloroethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,1-Dichloroethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,1-Dichloroethene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,2,4-Trichlorobenzene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,2-Dibromo-3-chloropropane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,2-Dibromoethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,2-Dichlorobenzene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,2-Dichloroethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,2-Dichloropropane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,3-Dichlorobenzene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
1,4-Dichlorobenzene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
2-Butanone	BRL	0.047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
2-Hexanone	BRL	0.0094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
4-Methyl-2-pentanone	BRL	0.0094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Acetone	BRL	0.094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Benzene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Bromodichloromethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Bromoform	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Bromomethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Carbon disulfide	BRL	0.0094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Carbon tetrachloride	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Chlorobenzene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Chloroethane	BRL	0.0094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Chloroform	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Chloromethane	BRL	0.0094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
cis-1,2-Dichloroethene	0.033	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
cis-1,3-Dichloropropene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Cyclohexane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Dibromochloromethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Dichlorodifluoromethane	BRL	0.0094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Ethylbenzene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Freon-113	BRL	0.0094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Isopropylbenzene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
m,p-Xylene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Methyl acetate	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Methyl tert-butyl ether	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Methylcyclohexane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Methylene chloride	BRL	0.019		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
o-Xylene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD

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-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	NB
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:20:00 PM
Lab ID:	1504I66-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Tetrachloroethene	0.26	0.0047	E	mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Toluene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
trans-1,2-Dichloroethene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
trans-1,3-Dichloropropene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Trichloroethene	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Trichlorofluoromethane	BRL	0.0047		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Vinyl chloride	BRL	0.0094		mg/Kg-dry	206339	1	04/23/2015 14:16	MD
Surr: 4-Bromofluorobenzene	90.4	70-128		%REC	206339	1	04/23/2015 14:16	MD
Surr: Dibromofluoromethane	88.9	78.2-128		%REC	206339	1	04/23/2015 14:16	MD
Surr: Toluene-d8	101	76.5-116		%REC	206339	1	04/23/2015 14:16	MD
FOC/FOM ASTMD2974								
Fractional Organic Carbon	1.50	0.0580		%	206349	1	04/23/2015 09:00	OM
PERCENT MOISTURE D2216								
Percent Moisture	6.33	0		wt%	R290641	1	04/27/2015 10:00	PF

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:** 28-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	SB
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:25:00 PM
Lab ID:	1504I66-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,1,2,2-Tetrachloroethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,1,2-Trichloroethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,1-Dichloroethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,1-Dichloroethene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,2,4-Trichlorobenzene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,2-Dibromo-3-chloropropane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,2-Dibromoethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,2-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,2-Dichloroethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,2-Dichloropropane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,3-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
1,4-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
2-Butanone	BRL	0.042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
2-Hexanone	BRL	0.0084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
4-Methyl-2-pentanone	BRL	0.0084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Acetone	BRL	0.084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Benzene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Bromodichloromethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Bromoform	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Bromomethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Carbon disulfide	BRL	0.0084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Carbon tetrachloride	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Chlorobenzene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Chloroethane	BRL	0.0084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Chloroform	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Chloromethane	BRL	0.0084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
cis-1,2-Dichloroethene	0.025	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
cis-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Cyclohexane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Dibromochloromethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Dichlorodifluoromethane	BRL	0.0084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Ethylbenzene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Freon-113	BRL	0.0084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Isopropylbenzene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
m,p-Xylene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Methyl acetate	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Methyl tert-butyl ether	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Methylcyclohexane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Methylene chloride	BRL	0.017		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
o-Xylene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD

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-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	SB
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/21/2015 3:25:00 PM
Lab ID:	1504I66-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Tetrachloroethene	1.4	0.27		mg/Kg-dry	206486	50	04/25/2015 20:35	MD
Toluene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
trans-1,2-Dichloroethene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
trans-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Trichloroethene	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Trichlorofluoromethane	BRL	0.0042		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Vinyl chloride	BRL	0.0084		mg/Kg-dry	206339	1	04/23/2015 15:04	MD
Surr: 4-Bromofluorobenzene	89.2	70-128		%REC	206339	1	04/23/2015 15:04	MD
Surr: 4-Bromofluorobenzene	91.5	70-128		%REC	206486	50	04/25/2015 20:35	MD
Surr: Dibromofluoromethane	88.8	78.2-128		%REC	206339	1	04/23/2015 15:04	MD
Surr: Dibromofluoromethane	91.8	78.2-128		%REC	206486	50	04/25/2015 20:35	MD
Surr: Toluene-d8	102	76.5-116		%REC	206339	1	04/23/2015 15:04	MD
Surr: Toluene-d8	90.8	76.5-116		%REC	206486	50	04/25/2015 20:35	MD
FOC/FOM ASTMD2974								
Fractional Organic Carbon	0.800	0.0580		%	206349	1	04/23/2015 09:00	OM
PERCENT MOISTURE D2216								
Percent Moisture	7.68	0		wt%	R290641	1	04/27/2015 10:00	PF

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:** 28-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	TRIP BLANK
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/22/2015
Lab ID:	1504I66-007	**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	206391	1	04/24/2015 18:54	AR
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,1,2-Trichloroethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,1-Dichloroethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,1-Dichloroethene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,2-Dibromoethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,2-Dichlorobenzene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,2-Dichloroethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,2-Dichloropropane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,3-Dichlorobenzene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
1,4-Dichlorobenzene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
2-Butanone	BRL	50		ug/L	206391	1	04/24/2015 18:54	AR
2-Hexanone	BRL	10		ug/L	206391	1	04/24/2015 18:54	AR
4-Methyl-2-pentanone	BRL	10		ug/L	206391	1	04/24/2015 18:54	AR
Acetone	BRL	50		ug/L	206391	1	04/24/2015 18:54	AR
Benzene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Bromodichloromethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Bromoform	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Bromomethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Carbon disulfide	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Carbon tetrachloride	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Chlorobenzene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Chloroethane	BRL	10		ug/L	206391	1	04/24/2015 18:54	AR
Chloroform	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Chloromethane	BRL	10		ug/L	206391	1	04/24/2015 18:54	AR
cis-1,2-Dichloroethene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
cis-1,3-Dichloropropene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Cyclohexane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Dibromochloromethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Dichlorodifluoromethane	BRL	10		ug/L	206391	1	04/24/2015 18:54	AR
Ethylbenzene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Freon-113	BRL	10		ug/L	206391	1	04/24/2015 18:54	AR
Isopropylbenzene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
m,p-Xylene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Methyl acetate	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Methyl tert-butyl ether	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Methylcyclohexane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Methylene chloride	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
o-Xylene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	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:** 28-Apr-15

Client:	Peachtree Environmental	**Client Sample ID:**	TRIP BLANK
Project Name:	Columbia Co Car Care Center	**Collection Date:**	4/22/2015
Lab ID:	1504I66-007	**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	206391	1	04/24/2015 18:54	AR
Tetrachloroethene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Toluene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
trans-1,2-Dichloroethene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
trans-1,3-Dichloropropene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Trichloroethene	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Trichlorofluoromethane	BRL	5.0		ug/L	206391	1	04/24/2015 18:54	AR
Vinyl chloride	BRL	2.0		ug/L	206391	1	04/24/2015 18:54	AR
Surr: 4-Bromofluorobenzene	85.1	70.6-123		%REC	206391	1	04/24/2015 18:54	AR
Surr: Dibromofluoromethane	97.6	78.7-124		%REC	206391	1	04/24/2015 18:54	AR
Surr: Toluene-d8	93.8	81.3-120		%REC	206391	1	04/24/2015 18:54	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.

Sample/Cooler Receipt Checklist

Client Pearbrace Gnv Work Order Number 1504166

Checklist completed by Tanya Delis 4/22
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

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

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

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (0°≤6°C)* Yes ✓ No __

Cooler #1 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.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Peachtree Environmental
Project Name: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206339

Sample ID: **MB-206339** Client ID: Units: **ug/Kg** Prep Date: **04/22/2015** Run No: **290367**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206339** Analysis Date: **04/22/2015** Seq No: **6175193**

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	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206339

Sample ID: **MB-206339** Client ID: Units: **ug/Kg** Prep Date: **04/22/2015** Run No: **290367**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206339** Analysis Date: **04/22/2015** Seq No: **6175193**

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	20									
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	10									
Surr: 4-Bromofluorobenzene	50.06	0	50.00		100	70	128				
Surr: Dibromofluoromethane	47.90	0	50.00		95.8	78.2	128				
Surr: Toluene-d8	48.18	0	50.00		96.4	76.5	116				

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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206339

Sample ID: **LCS-206339** Client ID: Units: **ug/Kg** Prep Date: **04/22/2015** Run No: **290367**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206339** Analysis Date: **04/22/2015** Seq No: **6175198**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	43.66	5.0	50.00		87.3	69.9	145				
Benzene	44.54	5.0	50.00		89.1	72.3	130				
Chlorobenzene	42.23	5.0	50.00		84.5	69	130				
Toluene	42.78	5.0	50.00		85.6	71.1	130				
Trichloroethene	43.28	5.0	50.00		86.6	71.7	136				
Surr: 4-Bromofluorobenzene	48.99	0	50.00		98.0	70	128				
Surr: Dibromofluoromethane	47.15	0	50.00		94.3	78.2	128				
Surr: Toluene-d8	48.56	0	50.00		97.1	76.5	116				

Sample ID: **1504H90-003AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **04/22/2015** Run No: **290367**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206339** Analysis Date: **04/22/2015** Seq No: **6175196**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.05640	0.0063	62.87		89.7	56.6	151				
Benzene	0.06026	0.0063	62.87		95.9	70.4	130				
Chlorobenzene	0.05720	0.0063	62.87		91.0	67.5	132				
Toluene	0.05814	0.0063	62.87		92.5	70.4	130				
Trichloroethene	0.05733	0.0063	62.87		91.2	70.1	137				
Surr: 4-Bromofluorobenzene	0.06261	0	62.87		99.6	70	128				
Surr: Dibromofluoromethane	0.05901	0	62.87		93.9	78.2	128				
Surr: Toluene-d8	0.06109	0	62.87		97.2	76.5	116				

Sample ID: **1504H90-003AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **04/22/2015** Run No: **290367**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206339** Analysis Date: **04/22/2015** Seq No: **6175197**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.06143	0.0063	62.87		97.7	56.6	151	56.40	8.54	20.4	
Benzene	0.06272	0.0063	62.87		99.8	70.4	130	60.26	3.99	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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206339

Sample ID: **1504H90-003AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **mg/Kg-dry** Prep Date: **04/22/2015** Run No: **290367**
BatchID: **206339** Analysis Date: **04/22/2015** Seq No: **6175197**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	0.05820	0.0063	62.87		92.6	67.5	132	57.20	1.74	14.6	
Toluene	0.05875	0.0063	62.87		93.5	70.4	130	58.14	1.05	16.6	
Trichloroethene	0.06013	0.0063	62.87		95.6	70.1	137	57.33	4.75	17	
Surr: 4-Bromofluorobenzene	0.05889	0	62.87		93.7	70	128	62.61	0	0	
Surr: Dibromofluoromethane	0.05985	0	62.87		95.2	78.2	128	59.01	0	0	
Surr: Toluene-d8	0.06146	0	62.87		97.8	76.5	116	61.09	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: Peachtree Environmental
Project Name: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206349

Sample ID: **MB-206349**	Client ID:					Units: **%**		Prep Date: **04/23/2015**		Run No: **290406**	
SampleType: **MBLK**	TestCode: **FOC/FOM ASTMD2974**					BatchID: **206349**		Analysis Date: **04/23/2015**		Seq No: **6175916**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Fractional Organic Carbon	BRL	0.0580									

Sample ID: **1504I66-001BDUP**	Client ID: **NW**					Units: **%**		Prep Date: **04/23/2015**		Run No: **290406**	
SampleType: **DUP**	TestCode: **FOC/FOM ASTMD2974**					BatchID: **206349**		Analysis Date: **04/23/2015**		Seq No: **6175927**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Fractional Organic Carbon	0.9000	0.0580						0.9000	0	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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206391

Sample ID: **MB-206391** Client ID: Units: **ug/L** Prep Date: **04/23/2015** Run No: **290471**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206391** Analysis Date: **04/23/2015** Seq No: **6177660**

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	<	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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206391

Sample ID: **MB-206391** Client ID: Units: **ug/L** Prep Date: **04/23/2015** Run No: **290471**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206391** Analysis Date: **04/23/2015** Seq No: **6177660**

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	38.78	0	50.00		77.6	70.6	123				
Surr: Dibromofluoromethane	53.59	0	50.00		107	78.7	124				
Surr: Toluene-d8	48.83	0	50.00		97.7	81.3	120				

Qualifiers:

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

Client: Peachtree Environmental
Project Name: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206391

Sample ID: **LCS-206391** Client ID: Units: **ug/L** Prep Date: **04/23/2015** Run No: **290471**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206391** Analysis Date: **04/23/2015** Seq No: **6177659**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	64.33	5.0	50.00		129	64.2	137				
Benzene	51.07	5.0	50.00		102	72.8	128				
Chlorobenzene	50.28	5.0	50.00		101	72.3	126				
Toluene	52.41	5.0	50.00		105	74.9	127				
Trichloroethene	49.30	5.0	50.00		98.6	70.5	134				
Surr: 4-Bromofluorobenzene	41.22	0	50.00		82.4	70.6	123				
Surr: Dibromofluoromethane	50.69	0	50.00		101	78.7	124				
Surr: Toluene-d8	48.63	0	50.00		97.3	81.3	120				

Sample ID: **1504H11-006AMS** Client ID: Units: **ug/L** Prep Date: **04/23/2015** Run No: **290471**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206391** Analysis Date: **04/23/2015** Seq No: **6177664**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	699.4	50	500.0		140	60.5	156				
Benzene	521.0	50	500.0		104	70	135				
Chlorobenzene	494.9	50	500.0		99.0	70.5	132				
Toluene	560.2	50	500.0		112	70.5	137				
Trichloroethene	521.8	50	500.0		104	71.8	139				
Surr: 4-Bromofluorobenzene	364.6	0	500.0		72.9	70.6	123				
Surr: Dibromofluoromethane	553.0	0	500.0		111	78.7	124				
Surr: Toluene-d8	498.2	0	500.0		99.6	81.3	120				

Sample ID: **1504H11-006AMSD** Client ID: Units: **ug/L** Prep Date: **04/23/2015** Run No: **290471**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206391** Analysis Date: **04/23/2015** Seq No: **6177665**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	613.7	50	500.0		123	60.5	156	699.4	13.1	20	
Benzene	493.3	50	500.0		98.7	70	135	521.0	5.46	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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206391

Sample ID: **1504H11-006AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **04/23/2015** Run No: **290471**
BatchID: **206391** Analysis Date: **04/23/2015** Seq No: **6177665**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	482.4	50	500.0		96.5	70.5	132	494.9	2.56	20	
Toluene	505.2	50	500.0		101	70.5	137	560.2	10.3	20	
Trichloroethene	469.4	50	500.0		93.9	71.8	139	521.8	10.6	20	
Surr: 4-Bromofluorobenzene	365.5	0	500.0		73.1	70.6	123	364.6	0	0	
Surr: Dibromofluoromethane	517.9	0	500.0		104	78.7	124	553.0	0	0	
Surr: Toluene-d8	471.0	0	500.0		94.2	81.3	120	498.2	0	0	

Client: Peachtree Environmental
Project Name: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206486

Sample ID: **MB-206486** Client ID: Units: **ug/Kg** Prep Date: **04/25/2015** Run No: **290555**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206486** Analysis Date: **04/25/2015** Seq No: **6180693**

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	5000									
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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206486

Sample ID: **MB-206486** Client ID: Units: **ug/Kg** Prep Date: **04/25/2015** Run No: **290555**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206486** Analysis Date: **04/25/2015** Seq No: **6180693**

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	2288	0	2500		91.5	70	128				
Surr: Dibromofluoromethane	2342	0	2500		93.7	78.2	128				
Surr: Toluene-d8	2372	0	2500		94.9	76.5	116				

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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206486

Sample ID: **LCS-206486** Client ID: Units: **ug/Kg** Prep Date: **04/25/2015** Run No: **290555**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206486** Analysis Date: **04/25/2015** Seq No: **6180694**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2264	250	2500		90.6	69.9	145				
Benzene	2358	250	2500		94.3	72.3	130				
Chlorobenzene	2508	250	2500		100	69	130				
Toluene	2460	250	2500		98.4	71.1	130				
Trichloroethene	2506	250	2500		100	71.7	136				
Surr: 4-Bromofluorobenzene	2288	0	2500		91.5	70	128				
Surr: Dibromofluoromethane	2415	0	2500		96.6	78.2	128				
Surr: Toluene-d8	2364	0	2500		94.6	76.5	116				

Sample ID: **1504I66-002AMS** Client ID: **WW** Units: **mg/Kg-dry** Prep Date: **04/25/2015** Run No: **290555**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206486** Analysis Date: **04/25/2015** Seq No: **6180699**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2.733	0.28	2825		96.7	56.6	151				
Benzene	2.594	0.28	2825		91.8	70.4	130				
Chlorobenzene	2.820	0.28	2825		99.8	67.5	132				
Toluene	2.632	0.28	2825		93.2	70.4	130				
Trichloroethene	2.810	0.28	2825		99.5	70.1	137				
Surr: 4-Bromofluorobenzene	2.686	0	2825		95.1	70	128				
Surr: Dibromofluoromethane	2.692	0	2825		95.3	78.2	128				
Surr: Toluene-d8	2.611	0	2825		92.4	76.5	116				

Sample ID: **1504I66-002AMSD** Client ID: **WW** Units: **mg/Kg-dry** Prep Date: **04/25/2015** Run No: **290555**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206486** Analysis Date: **04/25/2015** Seq No: **6180700**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2.744	0.28	2825		97.1	56.6	151	2733	0.413	20.4	
Benzene	2.514	0.28	2825		89.0	70.4	130	2594	3.16	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: Columbia Co Car Care Center
Workorder: 1504I66

ANALYTICAL QC SUMMARY REPORT

BatchID: 206486

Sample ID: **1504I66-002AMSD** Client ID: **WW** Units: **mg/Kg-dry** Prep Date: **04/25/2015** Run No: **290555**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206486** Analysis Date: **04/25/2015** Seq No: **6180700**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2.741	0.28	2825		97.0	67.5	132	2820	2.84	14.6	
Toluene	2.636	0.28	2825		93.3	70.4	130	2632	0.150	16.6	
Trichloroethene	2.814	0.28	2825		99.6	70.1	137	2810	0.141	17	
Surr: 4-Bromofluorobenzene	2.585	0	2825		91.5	70	128	2686	0	0	
Surr: Dibromofluoromethane	2.641	0	2825		93.5	78.2	128	2692	0	0	
Surr: Toluene-d8	2.608	0	2825		92.3	76.5	116	2611	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		

APPENDIX C

ProUCL INPUT DATA AND RESULTS

Sample No.	PCE (mg/kg)	
WESB-30 (2'-3')	0.0056	0
WESB-31 (2'-3')	0.075	1
WESB-32 (3'-3.5')	0.0053	1
WESB-33 (3'-3.5')	0.0044	0
WESB-36 (3'-4')	0.085	1
WESB-43 (3'-4')	0.61	1
WESB-44 (3'-4')	0.48	1
WESB-45 (3'-4')	0.056	1
WESB-46 (3'-4')	0.0044	0
NW	0.044	1
WW	1.3	1
SW	0.085	1
EW	0.081	1
NB	0.26	1
SB	1.4	1

	A	B	C	D	E	F	G	H	I	J	K	L
1	**UCL Statistics for Data Sets with Non-Detects**											
2												
3	User Selected Options											
4	Date/Time of Computation			4/28/2015 4:06:31 PM								
5	From File			WorkSheet.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	mber of Bootstrap Operations			2000								
9												
10	**Tetrachloroethene**											
11												
12	**General Statistics**											
13	Total Number of Observations					15	Number of Distinct Observations					13
14	Number of Detects					12	Number of Non-Detects					3
15	Number of Distinct Detects					11	Number of Distinct Non-Detects					2
16	Minimum Detect					0.0053	Minimum Non-Detect					0.0044
17	Maximum Detect					1.4	Maximum Non-Detect					0.0056
18	Variance Detects					0.243	Percent Non-Detects					20%
19	Mean Detects					0.373	SD Detects					0.493
20	Median Detects					0.085	CV Detects					1.321
21	Skewness Detects					1.519	Kurtosis Detects					1.071
22	Mean of Logged Detects					-1.938	SD of Logged Detects					1.607
23												
24	**Normal GOF Test on Detects Only**											
25	Shapiro Wilk Test Statistic					0.723	**Shapiro Wilk GOF Test**					
26	5% Shapiro Wilk Critical Value					0.859	Detected Data Not Normal at 5% Significance Level					
27	Lilliefors Test Statistic					0.304	**Lilliefors GOF Test**					
28	5% Lilliefors Critical Value					0.256	Detected Data Not Normal at 5% Significance Level					
29	**Detected Data Not Normal at 5% Significance Level**											
30												
31	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
32	Mean					0.3	Standard Error of Mean					0.121
33	SD					0.448	95% KM (BCA) UCL					0.531
34	95% KM (t) UCL					0.512	95% KM (Percentile Bootstrap) UCL					0.501
35	95% KM (z) UCL					0.498	95% KM Bootstrap t UCL					0.748
36	90% KM Chebyshev UCL					0.662	95% KM Chebyshev UCL					0.826
37	97.5% KM Chebyshev UCL					1.053	99% KM Chebyshev UCL					1.501
38												
39	**Gamma GOF Tests on Detected Observations Only**											
40	A-D Test Statistic					0.59	**Anderson-Darling GOF Test**					
41	5% A-D Critical Value					0.774	etected data appear Gamma Distributed at 5% Significance Lev					
42	K-S Test Statistic					0.277	**Kolmogrov-Smirnoff GOF**					
43	5% K-S Critical Value					0.256	Detected Data Not Gamma Distributed at 5% Significance Leve					
44	**Detected data follow Appr. Gamma Distribution at 5% Significance Level**											
45												
46	**Gamma Statistics on Detected Data Only**											
47	k hat (MLE)					0.642	k star (bias corrected MLE)					0.537
48	Theta hat (MLE)					0.582	Theta star (bias corrected MLE)					0.695
49	nu hat (MLE)					15.41	nu star (bias corrected)					12.89
50	MLE Mean (bias corrected)					0.373	MLE Sd (bias corrected)					0.51
51												
52	**Gamma Kaplan-Meier (KM) Statistics**											
53	k hat (KM)					0.448	nu hat (KM)					13.45
54	Approximate Chi Square Value (13.45, α)					6.194	Adjusted Chi Square Value (13.45, β)					5.598
55	5% Gamma Approximate KM-UCL (use when n>=50)					0.65	95% Gamma Adjusted KM-UCL (use when n<50)					0.72

56												
57	**Gamma ROS Statistics using Imputed Non-Detects**											
58	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
59	GROS may not be used when kstar of detected data is small such as < 0.1											
60	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
61	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
62					Minimum	0.0053				Mean		0.301
63					Maximum	1.4				Median		0.081
64					SD	0.463				CV		1.538
65					k hat (MLE)	0.5				k star (bias corrected MLE)		0.445
66					Theta hat (MLE)	0.601				Theta star (bias corrected MLE)		0.677
67					nu hat (MLE)	15				nu star (bias corrected)		13.34
68					MLE Mean (bias corrected)	0.301				MLE Sd (bias corrected)		0.451
69										Adjusted Level of Significance (β)		0.0324
70					Approximate Chi Square Value (13.34, α)	6.12				Adjusted Chi Square Value (13.34, β)		5.528
71					95% Gamma Approximate UCL (use when n>=50)	0.655				95% Gamma Adjusted UCL (use when n<50)		0.726
72												
73	**Lognormal GOF Test on Detected Observations Only**											
74					Shapiro Wilk Test Statistic	0.93				**Shapiro Wilk GOF Test**		
75					5% Shapiro Wilk Critical Value	0.859				Detected Data appear Lognormal at 5% Significance Level		
76					Lilliefors Test Statistic	0.212				**Lilliefors GOF Test**		
77					5% Lilliefors Critical Value	0.256				Detected Data appear Lognormal at 5% Significance Level		
78	**Detected Data appear Lognormal at 5% Significance Level**											
79												
80	**Lognormal ROS Statistics Using Imputed Non-Detects**											
81					Mean in Original Scale	0.3				Mean in Log Scale		-2.658
82					SD in Original Scale	0.463				SD in Log Scale		2.072
83					95% t UCL (assumes normality of ROS data)	0.51				95% Percentile Bootstrap UCL		0.508
84					95% BCA Bootstrap UCL	0.566				95% Bootstrap t UCL		0.793
85					95% H-UCL (Log ROS)	8.117						
86												
87	**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**											
88					KM Mean (logged)	-2.632				95% H-UCL (KM -Log)		5.025
89					KM SD (logged)	1.954				95% Critical H Value (KM-Log)		4.474
90					KM Standard Error of Mean (logged)	0.527						
91												
92	**DL/2 Statistics**											
93	**DL/2 Normal**									**DL/2 Log-Transformed**		
94					Mean in Original Scale	0.299				Mean in Log Scale		-2.758
95					SD in Original Scale	0.464				SD in Log Scale		2.217
96					95% t UCL (Assumes normality)	0.51				95% H-Stat UCL		14.24
97	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
98												
99	**Nonparametric Distribution Free UCL Statistics**											
100	**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**											
101												
102	**Suggested UCL to Use**											
103					95% KM (Chebyshev) UCL	0.826				95% GROS Adjusted Gamma UCL		0.726
104					95% Adjusted Gamma KM-UCL	0.72						
105												
106	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
107	Recommendations are based upon data size, data distribution, and skewness.											
108	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
109	owever, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statisticia											
110												

APPENDIX D

SUMMARY OF PROFESSIONAL HOURS

COLUMBIA COUNTY CAR CARE CENTER
4th SEMIANNUAL VRP PROGRESS REPORT
MARTINEZ, COLUMBIA COUNTY, GEORGIA
SEPTEMBER 2015

APPENDIX D
MONTHLY SUMMARY AND DESCRIPTION OF PROFESSIONAL HOURS

Quantity	Units	Time Period + Description of Activities	Hours		
					Subtotal
		March 16 - 31, 2015			
		Project Management			
1.00	Hours	Project Director (Steven W. Hart, P.G.)			1.00
		April 1 - 30, 2015			
		Project Management			
6.00	Hours	Project Director (Steven W. Hart, P.G.)			6.00
		May 1 - 31, 2015			
		Project Management			
4.50	Hours	Project Director (Steven W. Hart, P.G.)			4.50
		June 1 -30, 2015			
		Project Management			
0.50	Hours	Project Director (Steven W. Hart, P.G.)			0.50
		July 1- 31, 2015			
		Project Management			
0.00	Hours	Project Director (Steven W. Hart, P.G.)			0.00
		August 1 - 31, 2015			
		Project Management -			
0.00	Hours	Project Director (Steven W. Hart, P.G.)			0.00
		September 1 - 18, 2015			
		Project Management			
3.00	Hours	Project Director (Steven W. Hart, P.G.)			3.00

MONTHLY HOURS TOTAL => **15.00**