

**SECOND SEMIANNUAL VRP PROGRESS REPORT
FOR THE
SILVERSTEIN'S CLEANERS PROPERTY
3818 WASHINGTON ROAD
MARTINEZ, COLUMBIA COUNTY, GEORGIA
HSI#10875**

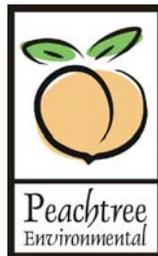
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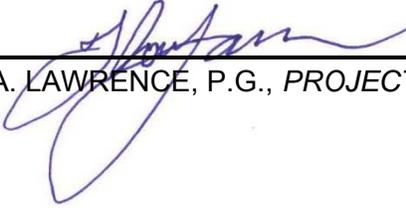


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MARCH 2015

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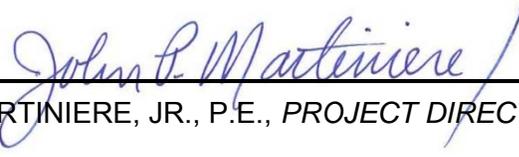


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MARCH 2015

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ACRONYMS

AES	Analytical Environmental Services, Inc.
bgs	Below Ground Surface
CAP	Corrective Action Plan
cis-DCE	cis-1,2-Dichloroethene
CSR	Compliance Status Report
COCs	Constituents of Concern
CSM	Conceptual Site Model
Georgia EPD	Georgia Environmental Protection Division
HSI	Hazardous Site Inventory
HSRA	Hazardous Site Response Act
MCL	Maximum Contaminant Levels
µg/L	Micrograms per Liter
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
ORP	Oxidation Reduction Potential
Peachtree	Peachtree Environmental
PCE	Tetrachloroethene
RAGS	Risk Assessment Guidance for Superfund
RBCA	Risk Based Corrective Action
RRS	Risk Reduction Standard
SVE	Soil Vapor Extraction
TCLP	Toxicity Characteristic Leaching Procedure
TCE	Trichloroethene
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VIRP	Voluntary Investigation and Remediation Plan
VRP	Voluntary Remediation Program
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION AND BACKGROUND

1.1 INTRODUCTION

PEACHTREE ENVIRONMENTAL (Peachtree) is submitting this Voluntary Remediation Program (VRP) Semiannual Progress Report on behalf of **Edspen, LLC**, for the Silverstein's Cleaners Property located at 3818 Washington Road, in Martinez, Columbia County, Georgia (the "VRP Property"); HSI #10875 (the "Site"). This report serves as the Second VRP Semiannual Progress Report and details activities conducted over the previous 6 months, since the First VRP Semiannual Report submitted in September 2014.

1.2 VRP PROPERTY DESCRIPTION

The VRP Property has a latitude coordinate of 33° 30' 46" North and a longitude coordinate of 82° 5' 13" West. The VRP Property consists of a single parcel of land totaling 0.83 acres, as follows:

- 3818 Washington Road - Parcel ID: 078D046B (0.83 Acres).

The VRP Property is bounded to the north by Washington Road; to the south by the West Town Shopping Center; to the east by the Autoplex of Augusta used car lot/dealership; and to the west by the First Bank of Columbia County. A VRP Property Location / USGS Topographic Map is included as **Figure 1**. The VRP Property layout is illustrated in **Figure 2**. According to State records, the Property was originally developed as a laundromat in 1969. The Property was purchased by the current owner, Edspen, LLC, in 1998, and is currently being operated as Silverstein's Cleaners, a full service, drop-off/pick-up, and dry cleaning facility.

1.3 PROPERTY REGULATORY HISTORY

The Silverstein's Cleaners facility was placed on the State of Georgia Hazardous Site Inventory (HSI) in 2007 as HSI No. 10875. As a result of the detection of regulated substances in soil and groundwater at a neighboring property, investigations were conducted at the VRP Property in February and May 2010. The results of these investigations were used for the completion and submittal in August 2010 of a Corrective Action Plan (CAP). Georgia Environmental Protection Division's (EPD) conditional approval of the CAP was granted on May 17, 2012. The Site was later accepted into the VRP on March 6, 2014.

The August 2010 CAP provided a description of the evaluation process of various remedial technologies, a description of those technologies selected for further evaluation, and a description of the proposed remedial alternative pilot testing and evaluation program, as applicable. A combination of soil excavation and in-situ soil vapor extraction was identified as a potential corrective action approach for soil. The preliminary remediation plan for groundwater proposed an initial enhanced fluid recovery event at the monitoring well (MW-9) where PCE had been detected at the highest concentration, with in-situ chemical oxidation (ISCO) for areas with other high concentrations of contaminants. However, Peachtree has continued to review alternative/new corrective action technologies which have been further developed since the original technology selection in the 2010 CAP. One of these technologies is enhanced reductive dechlorination (ERD; e.g., enhanced bioremediation).

2.0 PRELIMINARY CONCEPTUAL SITE MODEL

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

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

The following provides a description of the various factors (surface / 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 KNOWN OR SUSPECTED SOURCE AREAS

Information obtained from the investigation indicated that the source of the release is the dry cleaning operations that have occupied the Silverstein property since around 1969. The first potential soil source area is the area under the slab of the dry cleaner. Soil and groundwater sampling and analysis from beneath and adjacent to the concrete building slab have confirmed that releases of dry cleaning solvents have occurred. The second area of impacted soil appears to be in the vicinity of the waste dumpster on the south-central portion of the VRP Property. Soil investigations also revealed a third possible soil source area outside the southwest portion of the current building, where dry cleaning fluids may have been stored and/or filters associated with dry cleaning operations placed after use. The known or suspected source areas are depicted on **Figure 2**.

2.2 CONTAMINANT MIGRATION PATHWAYS

A preliminary evaluation of the contaminant migration pathways was completed for the previous report, and includes the following:

- DNAPL Entry Zone 1: vertical migration of PCE from beneath the dry cleaning equipment, through the concrete floor to the soils below;
 - Residual DNAPL Zone 1: soils beneath dry cleaning machine;
 - Aqueous Plume 1: groundwater impact extending from former TMW-6 toward MW-12;
- DNAPL Entry Zone 2: vertical migration of PCE from the waste dumpster to the soils below;
 - Residual DNAPL Zone 2: soils beneath/adjacent to waste dumpster location;
 - Aqueous Plume 2: groundwater impact extending from former TMW-5 toward MW-9.

A fence diagram showing the locations of these DNAPL Entry zones along with groundwater impact is included as **Figure 3**. The detections during the 2010 investigations of PCE in shallow soil (0-2 feet) in

the vicinity of the rear of the building, between the two identified entry zones above, may be showing impact from surficial spills but also may be showing effects from vapor migration.

2.3 REGULATED SUBSTANCES

2.3.1 Constituents of Concern in Soil

Based on a review of regulated substances detected in soil at the VRP Property, PCE and TCE have been detected above their respective Type 1 RRS. A table presenting regulated substances detected in soil and their Type 1 Risk Reduction Standards (also see **Appendix B**) is provided below:

Table 2.3.1 – Type 1 Soil RRS

Regulated Constituent	Highest Detected Concentration (Soil Sample – (Depth))	Type 1 RRS (mg/Kg)
1,1,1-TCA	0.38 mg/Kg (SB-5 (10'))	20
1,1-DCE	0.61 mg/Kg (SB-5 (10'))	0.7
Cis-DCE	0.69 mg/Kg (SB-5 (10'))	7
Acetone	1.2 mg/Kg (SB-16 (0-2'))	400
Ethylbenzene	0.0071 mg/Kg (SB-16 (0-2'))	70
Isopropylbenzene	1.2 mg/Kg (SB-16 (0-2'))	21.9
Xylenes (m,p,o) Total	1.2 mg/Kg (SB-16 (0-2'))	1,000
PCE	18,000 mg/Kg (SB-27 (10'))	0.5
Toluene	1.8 mg/Kg (SB-16 (0-2'))	100
Trichloroethene	28 mg/Kg (SB-5 (10'))	0.5

NOTES: 1) **Bolded** constituents exceed Type 1 RRS

2.3.2 Constituents of Concern in Groundwater

A preliminary review of regulated substances detected in groundwater show that cis-DCE, PCE, and TCE are considered COCs at the VRP Property since they were detected above their respective MCL or Type 1 RRS in groundwater. 1,1-DCE and 1,2-dichloropropane were detected above their respective Type 1 RRS in the 2010 sampling event only. A table presenting the regulated substances detected in groundwater and their respective MCL / Type 1 RRS is provided below:

TABLE 2.3.2 –TYPE 1 GROUNDWATER RRS

REGULATED CONSTITUENT	HIGHEST DETECTED CONCENTRATION (µg /L) (MONITORING WELL - DATE)	MCL / TYPE 1 RRS (µg /L)
1,1,1-TCA	54 (MW-9 – 2010)	200
1,1-DCE	16 (MW-9 – 2010)	7.0
1,2-Dichloropropane	6.7 (MW-9 – 2010)	5.0
cis-DCE	1,800 (MW-9 – 2010)	70
Chloroform	6.3 (TMW-5 – 2010)	80
PCE	130,000 (MW-9 – 2010)	5.0
TCE	370 (MW-9 – 2010)	5.0

NOTES: 1) **Bolded** constituents exceed MCL / Type 1 RRS

Based on groundwater sampling to date, the horizontal extents of PCE and TCE have been delineated to the west and southeast, but not to the north or southwest. It is anticipated that two delineation monitoring wells may need to be installed in the City of Martinez right-of-way in accordance with the required schedule for 2-year VRP milestone for on-Site definition.

The vertical extent of impacted groundwater has yet to be defined at the VRP Property. Based on the current analytical results, the location of the deep well will be in the vicinity of MW-9 and the former TMW-5. Discussions and data associated with vertical extent delineation will be provided in subsequent semiannual groundwater monitoring reports and the final VRP CSR. Vertical delineation will be conducted in accordance with the VRP milestone schedule, prior to the 5th Semiannual Progress Report due September 2016.

3.0 WORK PERFORMED DURING THIS PERIOD

Soil samples were collected from the VRP Property on October 17, 2014. The objective of the soil sampling was to collect samples for fraction organic carbon (f_{oc}) for use in calculation of site-specific RRS. Four soil borings were advanced adjacent to locations of former SB-series borings SB-1 through SB-4. The soil sample locations are provided on **Figure 4**.

3.1 SOIL SAMPLING METHODOLOGY

The soil samples were collected using direct-push technology (DPT). A five-foot sampling core barrel equipped with an inner PVC liner was advanced to 10 feet below ground surface depths to collect shallow (2 to 4 ft bgs) samples and deep samples (8 to 10 ft bgs, except for the soil sample from SB-4 at 5 to 7 ft bgs). Soil samples were placed in unpreserved jars for f_{oc} analysis. Samples were also collected by USEPA Method 5030 for PCE analysis, which served as a screening method to remove any soil samples with detections of PCE above the laboratory Reporting Limit, which could potentially impact the f_{oc} analysis. The samples were delivered to AES under chain of custody procedures.

3.2 LABORATORY RESULTS

Analyses were performed by AES in accordance with USEPA Standard Methods (total PCE [5035B/8260B]). Laboratory analyses reported a PCE concentration of 5.5 $\mu\text{g}/\text{kg}$ in sample SB-1 (8-10ft), which was slightly above the detection limit of 5.0 $\mu\text{g}/\text{kg}$. This sample was not used for the f_{oc} analysis. The remaining samples were analyzed, with the following results:

Sample Location & Depth	Concentration (%)
SB-1 (2-4)	1.80
SB-2 (2-4)	1.00
SB-2 (8-10)	1.90
SB-3 (2-4)	2.40
SB-3 (8-10)	2.30
SB-4 (2-4)	4.20
SB-4 (5-7)	2.00
average	2.23

The laboratory analytical report associated with the October 2014 soil investigation is provided in **Appendix A**.

3.3 RISK REDUCTION STANDARDS

The site RRS are based on property use (i.e., residential or non-residential) and, when applicable, site-specific conditions. Types 1 and 2 RRS are appropriate for residential sites; Types 3 and 4 are appropriate for non-residential sites. Both the current and future assumed use of the property is non-residential.

The soil samples collected for f_{oc} were utilized for calculating site-specific Type 4 RRSs. The site-specific RRS for the detected COCs are provided in **Table 1**. The RRS calculations are provided in **Appendix B**.

3.4 PROFESSIONAL SERVICE HOURS THIS PERIOD

A monthly summary of Professional Engineer/Geologist hours expended during the past 6 months for the tasks performed as documented by this semiannual progress report is included as **Appendix C**.

3.5 RESPONSE TO EPD COMMENT LETTER

A comment letter from Georgia EPD dated January 6, 2015, *Comments on Voluntary Remediation Program Semiannual Report 1 – September 2014, Silverstein’s Cleaners, HSI Site Number 10875* was received. The comments of that letter have been incorporated into this and subsequent semiannual progress reports. Peachtree’s response to EPD’s comment letter showing how those comments were incorporated or addressed is included in **Appendix D**.

4.0 WORK TO BE PERFORMED

Highest PCE detections in both soil and groundwater are seen in the vicinity of SB-26, SB-27, MW-9, and the former TMW-5. This corresponds roughly with the current location, and likely former locations, of the dumpster behind the dry cleaners. Therefore, a voluntary pilot-scale soil remediation, with the objective of source zone reduction, is anticipated to be conducted in this area during the next six-month period.

4.1 VOLUNTARY SOIL REMEDIATION PLAN

The August 2010 CAP provided a description of a combination of soil excavation and in-situ soil vapor extraction as applicable corrective technologies. Because structural integrity may be compromised in this area during excavation activities, Peachtree has decided to use in-situ treatment for source reduction versus excavation. Peachtree has identified two optimal technologies for treatment of the chlorinated ethenes observed at the site. These two technologies are:

- 1) Chemical oxidation; and
- 2) Enhanced reductive dechlorination (ERD; e.g., enhanced bioremediation).

Chemical oxidation works directly on the contaminants by breaking organic bonds, whereas ERD promotes “consumption” of the contaminants by indigenous anaerobic bacteria (hydrogen is provided to indigenous halorespirers, which use the hydrogen as an electron donor and the chlorinated organics as electron acceptors).

Due to the presence of daughter products (i.e., TCE and cis-DCE), it is evident that reducing conditions are already present beneath the facility. Therefore, an ERD approach using a carbon source (e.g., glycerin, emulsified soy oil, lactate, whey, etc.) would also be effective. However, due to the moderate levels of dissolved oxygen and oxidation-reduction potential, using a combination of ERD with zero-valent iron (ZVI)¹, which is added for chemical reduction, would be the most technically sound and cost-effective approach for remediation. The addition of ZVI to the carbon source (using patented proprietary products such as EHC®, ABC+®, eZVI®) provides a number of advantages over ERD alone. The ZVI provides an immediate and complete chemical reduction of all constituents regardless of oxidant demand, while the carbon provides short-term and long-term nutrients to anaerobic growth. The carbon source should provide a food (hydrogen) source to natural bacteria for at least one to two years; the ZVI should have a chemical reaction time of up to five years.

¹ Treatment of chlorinated volatile organic compounds by ZVI was first performed over 20 years ago, and is a proven and widely accepted in-situ technology for remediation of chlorinated solvents such as PCE, TCE, and most importantly related degradation products (i.e., vinyl chloride).

4.2 IN-SITU SOIL BLENDING

Since most chemical remediation alternatives require direct contact with the target contaminants, the main challenge to in-situ treatment effectiveness at the site is the low permeability of the soils that will hinder the homogeneous distribution of the oxidant. The success of the remediation will be directly related to the distribution and density (mass) of the ERD-ZVI liquid. Hot spots will remain if insufficient volume of chemical reaches the impacted soils. To increase the effectiveness of the distribution of the ERD-ZVI product, rather than use the standard approach of injecting the fluid using injection points, Peachtree will use in-situ soil blending using a track hoe with a rotary drum attachment that serves as a soil/fluid mixer. The in-situ blender is the most effective and efficient method to achieve mixing at shallow depths. In addition, the production rate of this equipment is comparable to excavating, and will be a much cheaper alternative when compared to dig and haul.

The required carbon loading rate will be calculated assuming a 4,200 ft² (60x70 ft) treatment area taken to a depth of 15 feet bgs, with PCE concentrations in soil ranging from 4,000 to 18,000 mg/kg. The preliminary identification of the area to be treated is shown in **Figure 5**. This calculation takes into account not only the contaminants of concern but also any electron acceptors that may be present, including dissolved oxygen, manganese, nitrate, ferric iron, sulfate, and carbon dioxide. The ERD will be augmented with a minimum 0.1% weight ratio of ZVI.

In-situ soil blending involves using a rotary drum blender to distribute chemical amendments throughout the soil medium to treat the contaminants of concern. The in-situ blender is mounted on a large excavator with a modified diesel engine and hydraulic power system. The mixer is capable of mixing both dry and wet soil to depths of 20 feet below grade (well below the depth to groundwater at the site). The treatment cells will first be dug by excavator to loosen the soil and facilitate blending. Utilizing the soil blender will allow treatment of soil impact, as well as treat the upper portion of the saturated zone. Thus, the objective of remediating local impacted groundwater, as well as removing soil source material, would be accomplished.

4.3 POST-BLENDING MONITORING

Performance monitoring of the voluntary soil source remediation will be accomplished by the next subsequent semiannual sampling, the results of which will be documented in the fourth semiannual progress report.

4.4 GROUNDWATER REMEDIATION PLAN

The preliminary remediation plan for groundwater may involve an enhanced fluid recovery (EFR) event at monitoring well MW-9 where PCE has been detected at the highest concentration, and possibly at MW-12 which has the second highest detection. The use of EFR will be evaluated after the voluntary soil remediation has been conducted.

5.0 PROFESSIONAL CERTIFICATION

"I certify that I am a qualified groundwater scientist who has received a baccalaureate or post graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction."

John P. Martinieri, Jr.

John P. Martinieri, Jr., P.E.

Georgia Registration No. 11858





TABLE

**Table 1
Calculated Risk Reduction Standards
Silverstein's Cleaners
Martinez, Georgia**

Summary: Risk Reduction Standards for Soil

FOC = 0.002

FOC = 0.0223

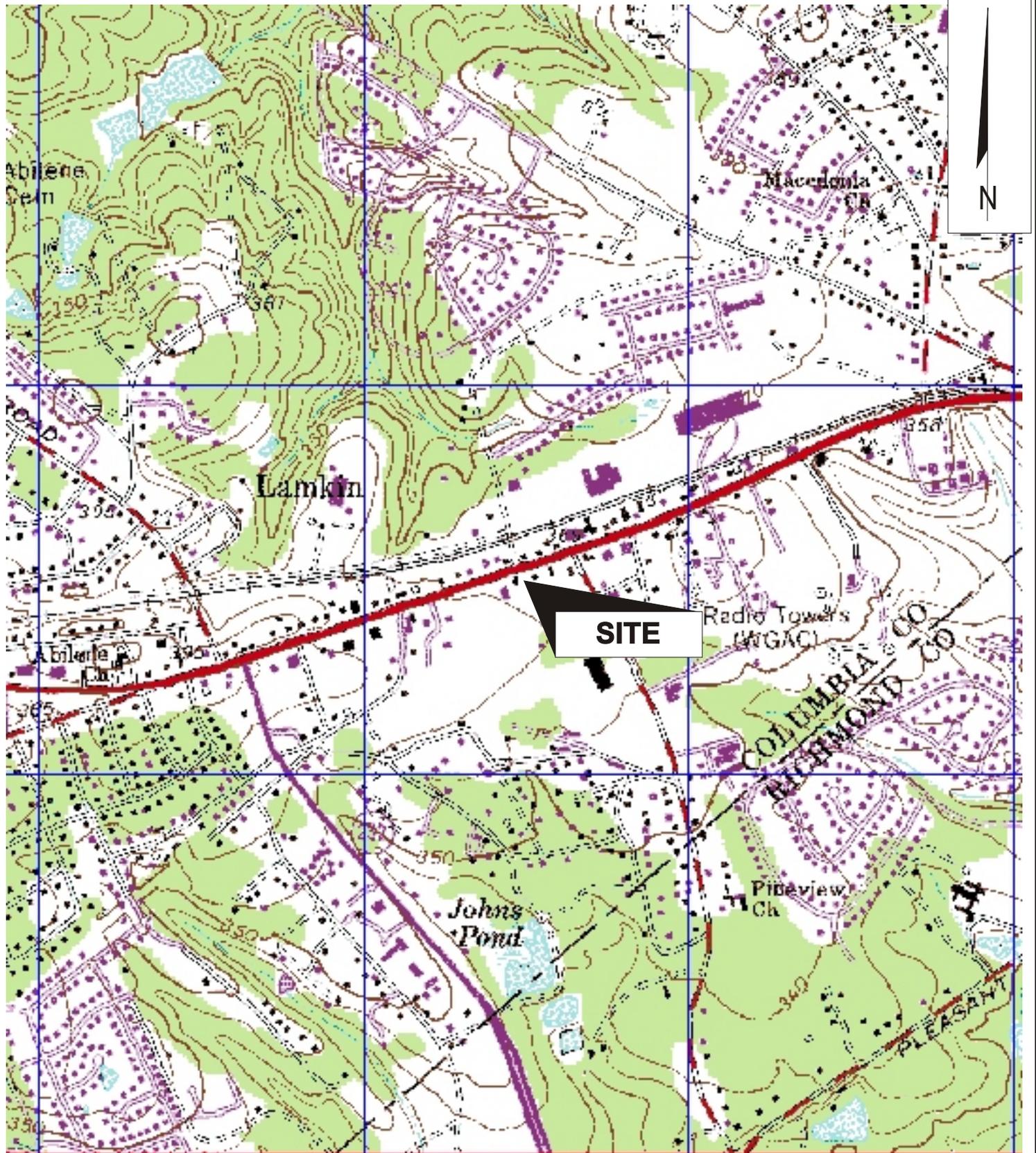
Constituents	CAS Number	Type 1 Soil RRS (mg/kg)	Type 2 Soil RRS (mg/kg)	Type 3 Soil RRS		Type 4 Surface Soil (mg/kg)	Type 3 Soil RRS		Type 4 Surface Soil (mg/kg)
				Surface Soil (mg/kg)	Subsurface Soil (mg/kg)		Surface Soil (mg/kg)	Subsurface Soil (mg/kg)	
Trichloroethane, 1,1,1-	71-55-6	20.0	19.1	20.0	20.0	95.5	20.0	20.0	649.1
Dichloroethylene, 1,1-	75-35-4	0.700	0.742	0.700	0.700	3.76	0.700	0.700	10.5
Dichloroethylene, 1,2-cis-	156-59-2	7.00	0.412	7.00	7.00	1.20	7.00	7.00	4.5
Dichloroethylene, 1,2-trans-	156-60-5	10.0	1.84	10.0	10.0	12.0	10.0	10.0	44.9
Dichloropropane, 1,2-	78-87-5	0.500	0.033	0.500	0.500	0.077	0.500	0.500	0.4
Acetone	67-64-1	400	32.7	400	400	187	400	400	230.7
Chloroform	67-66-3	3.86	0.028	4.88	8.00	1.24	4.88	8.00	4.1
Ethylbenzene	100-41-4	70.0	15.7	70.0	70.0	50.9	70.0	70.0	462.3
Cumene (Isopropylbenzene)	98-82-8	21.9	6.77	21.9	21.9	34.3	21.9	21.9	331.3
Xylenes	1330-20-7	1000	197	1000	1000	197	1000	1000	50.4
Tetrachloroethene (PCE)	127-18-4	0.500	0.173	0.500	0.500	2.32	0.500	0.500	12.2
Toluene	108-88-3	100	13.8	100	100	72.5	100	100	570.2
Trichloroethene (TCE)	79-01-6	0.500	0.036	0.500	0.500	0.108	0.500	0.500	0.5

Summary: Risk Reduction Standards for Groundwater

Constituents	CAS Number	Type 1/3 GW RRS (mg/L)	Type 2 GW RRS (mg/L)	Type 4 GW RRS (mg/L)
Trichloroethane, 1,1,1-	71-55-6	0.200	2.72	13.6
Dichloroethylene, 1,1-	75-35-4	0.007	0.103	0.524
Dichloroethylene, 1,2-cis-	156-59-2	0.070	0.031	0.204
Dichloroethylene, 1,2-trans-	156-60-5	0.100	0.313	2.04
Dichloropropane, 1,2-	78-87-5	0.005	0.005	0.012
Acetone	67-64-1	4.00	7.99	45.6
Chloroform	67-66-3	0.081	0.005	0.224
Ethylbenzene	100-41-4	0.700	0.019	2.27
Cumene (Isopropylbenzene)	98-82-8	DL	0.207	1.05
Xylenes	1330-20-7	10.0	0.058	0.288
Tetrachloroethene (PCE)	127-18-4	0.005	0.019	0.256
Toluene	108-88-3	1.00	0.881	5.24
Trichloroethene (TCE)	79-01-6	0.005	0.005	0.015



FIGURES



SILVERSTEIN'S CLEANERS
 MARTINEZ, COLUMBIA COUNTY, GEORGIA

FIGURE 1
PROPERTY LOCATION / USGS TOPOGRAPHIC MAP

VRP SEMIANNUAL PROGRESS REPORT MARCH 2015



Peachtree
 Environmental



MAP
 LOCATION



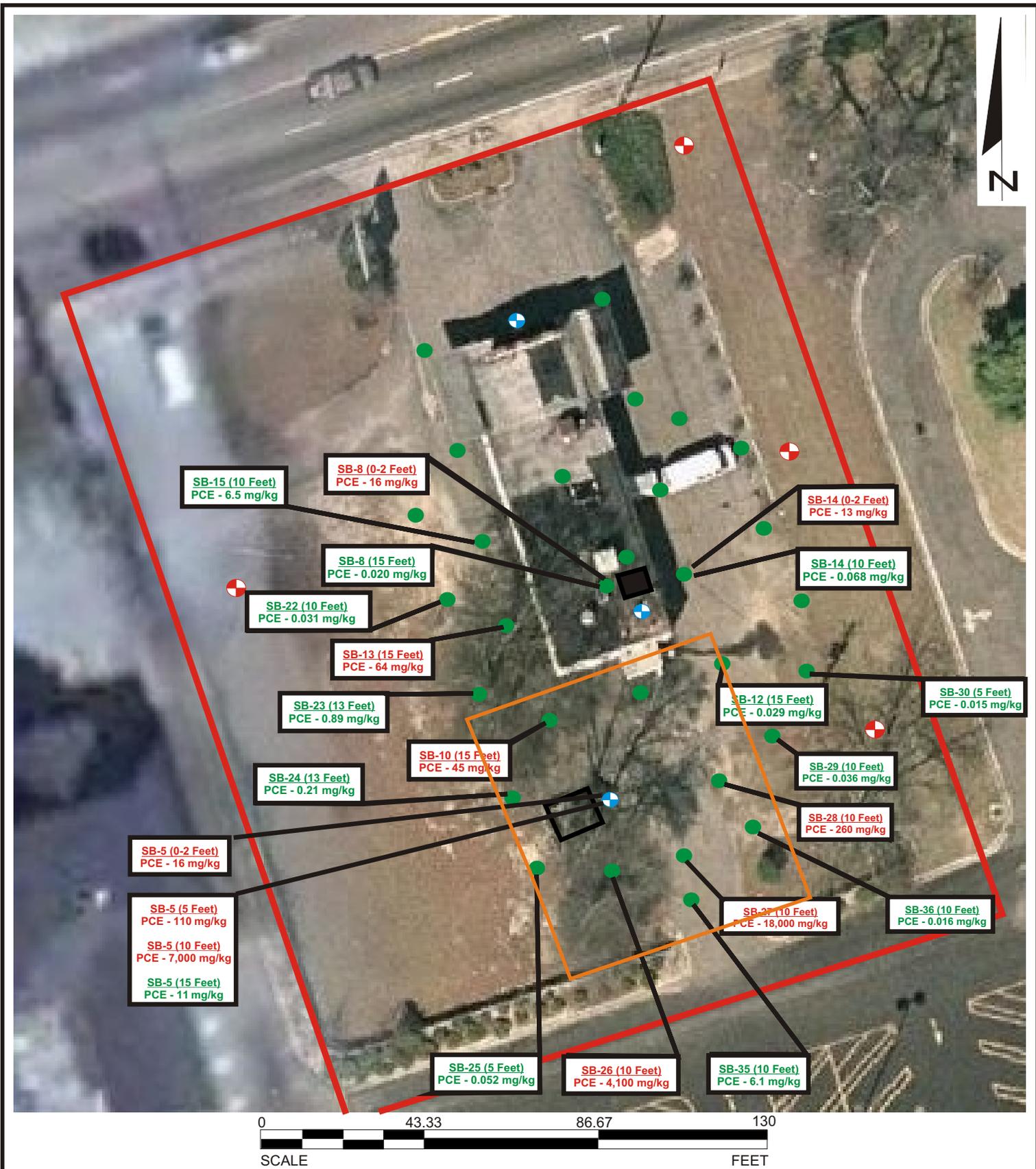
LEGEND

**FIGURE 2
SITE LAYOUT MAP WITH
SUSPECTED SOURCE AREA LOCATIONS
VRP SEMIANNUAL PROGRESS REPORT
MARCH 2015**

SILVERSTEIN'S CLEANERS
MARTINEZ, COLUMBIA COUNTY, GEORGIA



Peachtree
Environmental



LEGEND

- ⊕ - SOIL BORING/2-INCH DIAMETER WELL LOCATION
- ⊕ - SOIL BORING/1-INCH DIAMETER TEMPORARY WELL LOCATION
- - SOIL BORING LOCATIONS
- SB-X - SAMPLE RESULTS IN RED (above Type 4 RRS standards)
- SB-X - SAMPLE RESULTS IN GREEN (below Type 4 RRS standards)
- - PROPOSED CLEAN UP AREA (0-15')

**FIGURE 5
PROPOSED CLEAN UP AREA
(TETRACHLOROETHENE
CONCENTRATIONS)**

**SILVERSTEIN'S CLEANERS
MARTINEZ, COLUMBIA COUNTY, GEORGIA**



*Peachtree
Environmental*



APPENDIX A

OCTOBER 2014 SOIL LABORATORY ANALYTICAL REPORT



October 22, 2014

John Martiniere
Peachtree Environmental
3000 Northwoods Parkway, Suite 105
Norcross GA 30071

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

RE: Silverstein's Cleaners

Dear John Martiniere:

Order No: 1410H51

Analytical Environmental Services, Inc. received 9 samples on 10/17/2014 3:00:00 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 deBruvn
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order: 1410451

Date: 10/17/14 Page 1 of 1

COMPANY: <i>Peachtree</i>		ADDRESS: <i>N McCross Cell</i>					ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers
PHONE: <i>770-449-6180</i>		SIGNATURE: <i>[Signature]</i>					PRESERVATION (See codes)										REMARKS		
SAMPLED BY: <i>Denny D. Jones / Rg, mbl</i>		SIGNED BY: <i>[Signature]</i>					NA - SEE VOC vials												
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)										REMARKS		
		DATE	TIME																
1	<i>SB1</i>	<i>2'-4'</i>	<i>10/17</i>	<i>11:00</i>	<i>X</i>														<i>5</i>
2	<i>SB1</i>	<i>8'-10'</i>		<i>11:10</i>															<i>5</i>
3	<i>SB2</i>	<i>2'-4'</i>		<i>11:20</i>															<i>5</i>
4	<i>SB2</i>	<i>8'-10'</i>		<i>11:30</i>															<i>5</i>
5	<i>SB3</i>	<i>2'-4'</i>		<i>11:40</i>															<i>5</i>
6	<i>SB3</i>	<i>8'-10'</i>		<i>11:50</i>															<i>5</i>
7	<i>SB4</i>	<i>2'-4'</i>		<i>12:00</i>															<i>5</i>
8	<i>SB4</i>	<i>5'-7'</i>		<i>12:10</i>															<i>5</i>
9																			
10																			
11																			
12																			
13																			
14																			
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION										RECEIPT	
<i>[Signature]</i>		<i>10/17 3pm</i>		<i>[Signature]</i>		<i>10/17/14 3:00</i>		<i>Silversteins</i>										Total # of Containers <i>40</i>	
								PROJECT #:										Turnaround Time Request	
								SITE ADDRESS:										Standard 5 Business Days	
								<i>Augusta</i>										2 Business Day Rush	
								SEND REPORT TO:										Next Business Day Rush	
								INVOICE TO:										Same Day Rush (auth req.)	
								(IF DIFFERENT FROM ABOVE)										Other _____	
								QUOTE #:										STATE PROGRAM (if any): _____	
								PO#:										E-mail? Y/N; Fax? Y/N	
																		DATA PACKAGE: I II III IV	

*Run VOC's first
Do not run FOC
on my sample with
VOC over BDL (5ppb)*

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

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

Client: Peachtree Environmental
Project: Silverstein's Cleaners
Lab ID: 1410H51

Case Narrative

Sample Receiving Nonconformance:

A Trip Blank was provided but not listed on the Chain of Custody. Trip blank analyzed at no cost to the client.

Analytical Environmental Services, Inc

Date: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB1 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:00:00 AM
Lab ID: 1410H51-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5035)								
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
2-Butanone	BRL	46		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
2-Hexanone	BRL	9.2		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
4-Methyl-2-pentanone	BRL	9.2		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Acetone	BRL	92		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Benzene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Bromodichloromethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Bromoform	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Bromomethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Carbon disulfide	BRL	9.2		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Chlorobenzene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Chloroethane	BRL	9.2		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Chloroform	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Chloromethane	BRL	9.2		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Cyclohexane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Dibromochloromethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Dichlorodifluoromethane	BRL	9.2		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Ethylbenzene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Freon-113	BRL	9.2		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Isopropylbenzene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
m,p-Xylene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Methyl acetate	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Methylcyclohexane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Methylene chloride	BRL	18		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
o-Xylene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB1 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:00:00 AM
Lab ID: 1410H51-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5035)			
Styrene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Tetrachloroethene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Toluene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Trichloroethene	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Vinyl chloride	BRL	9.2		ug/Kg-dry	197820	1	10/17/2014 18:13	MD
Surr: 4-Bromofluorobenzene	86.4	70-128		%REC	197820	1	10/17/2014 18:13	MD
Surr: Dibromofluoromethane	96.8	78.2-128		%REC	197820	1	10/17/2014 18:13	MD
Surr: Toluene-d8	95.9	76.5-116		%REC	197820	1	10/17/2014 18:13	MD
PERCENT MOISTURE D2216								
Percent Moisture	6.48	0		wt%	R278260	1	10/21/2014 10:00	SG

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

Client: Peachtree Environmental	Client Sample ID: SB1 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:10:00 AM
Lab ID: 1410H51-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5035)								
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
2-Butanone	BRL	50		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
2-Hexanone	BRL	10		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Acetone	BRL	100		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Benzene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Bromodichloromethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Bromoform	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Bromomethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Carbon disulfide	BRL	10		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Chlorobenzene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Chloroethane	BRL	10		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Chloroform	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Chloromethane	BRL	10		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Cyclohexane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Dibromochloromethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Ethylbenzene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Freon-113	BRL	10		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Isopropylbenzene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
m,p-Xylene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Methyl acetate	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Methylcyclohexane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Methylene chloride	BRL	20		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
o-Xylene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	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

Client: Peachtree Environmental	Client Sample ID: SB1 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:10:00 AM
Lab ID: 1410H51-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5035)			
Styrene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Tetrachloroethene	5.5	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Toluene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Trichloroethene	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Vinyl chloride	BRL	10		ug/Kg-dry	197820	1	10/17/2014 18:40	MD
Surr: 4-Bromofluorobenzene	92	70-128		%REC	197820	1	10/17/2014 18:40	MD
Surr: Dibromofluoromethane	97.6	78.2-128		%REC	197820	1	10/17/2014 18:40	MD
Surr: Toluene-d8	97.9	76.5-116		%REC	197820	1	10/17/2014 18:40	MD
PERCENT MOISTURE D2216								
Percent Moisture	13.0	0		wt%	R278260	1	10/21/2014 10:00	SG

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

Client: Peachtree Environmental	Client Sample ID: SB2 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:20:00 AM
Lab ID: 1410H51-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5035)								
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
2-Butanone	BRL	36		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
2-Hexanone	BRL	7.1		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
4-Methyl-2-pentanone	BRL	7.1		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Acetone	BRL	71		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Benzene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Bromodichloromethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Bromoform	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Bromomethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Carbon disulfide	BRL	7.1		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Chlorobenzene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Chloroethane	BRL	7.1		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Chloroform	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Chloromethane	BRL	7.1		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Cyclohexane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Dibromochloromethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Dichlorodifluoromethane	BRL	7.1		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Ethylbenzene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Freon-113	BRL	7.1		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Isopropylbenzene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
m,p-Xylene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Methyl acetate	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Methylcyclohexane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Methylene chloride	BRL	14		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
o-Xylene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB2 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:20:00 AM
Lab ID: 1410H51-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Tetrachloroethene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Toluene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Trichloroethene	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Vinyl chloride	BRL	7.1		ug/Kg-dry	197820	1	10/17/2014 19:07	MD
Surr: 4-Bromofluorobenzene	85.7	70-128		%REC	197820	1	10/17/2014 19:07	MD
Surr: Dibromofluoromethane	102	78.2-128		%REC	197820	1	10/17/2014 19:07	MD
Surr: Toluene-d8	96.6	76.5-116		%REC	197820	1	10/17/2014 19:07	MD
PERCENT MOISTURE D2216								
Percent Moisture	6.47	0		wt%	R278260	1	10/21/2014 10:00	SG

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

Client: Peachtree Environmental	Client Sample ID: SB2 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:30:00 AM
Lab ID: 1410H51-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5035)								
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,1,2-Trichloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,2,4-Trichlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,2-Dichlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
1,4-Dichlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
2-Butanone	BRL	41		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
2-Hexanone	BRL	8.3		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
4-Methyl-2-pentanone	BRL	8.3		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Acetone	BRL	83		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Benzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Bromodichloromethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Bromoform	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Bromomethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Carbon disulfide	BRL	8.3		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Chlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Chloroethane	BRL	8.3		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Chloroform	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Chloromethane	BRL	8.3		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
cis-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Cyclohexane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Dibromochloromethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Dichlorodifluoromethane	BRL	8.3		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Ethylbenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Freon-113	BRL	8.3		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Isopropylbenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
m,p-Xylene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Methyl acetate	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Methylcyclohexane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Methylene chloride	BRL	17		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
o-Xylene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD

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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB2 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:30:00 AM
Lab ID: 1410H51-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5035)			
Styrene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Tetrachloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Toluene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Trichloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Vinyl chloride	BRL	8.3		ug/Kg-dry	197820	1	10/17/2014 19:34	MD
Surr: 4-Bromofluorobenzene	91.4	70-128		%REC	197820	1	10/17/2014 19:34	MD
Surr: Dibromofluoromethane	97.7	78.2-128		%REC	197820	1	10/17/2014 19:34	MD
Surr: Toluene-d8	96.6	76.5-116		%REC	197820	1	10/17/2014 19:34	MD
PERCENT MOISTURE D2216								
Percent Moisture	9.88	0		wt%	R278260	1	10/21/2014 10:00	SG

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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB3 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:40:00 AM
Lab ID: 1410H51-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5035)								
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
2-Butanone	BRL	45		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
2-Hexanone	BRL	8.9		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
4-Methyl-2-pentanone	BRL	8.9		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Acetone	BRL	89		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Benzene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Bromodichloromethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Bromoform	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Bromomethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Carbon disulfide	BRL	8.9		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Chlorobenzene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Chloroethane	BRL	8.9		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Chloroform	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Chloromethane	BRL	8.9		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Cyclohexane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Dibromochloromethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Ethylbenzene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Freon-113	BRL	8.9		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Isopropylbenzene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
m,p-Xylene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Methyl acetate	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Methylcyclohexane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Methylene chloride	BRL	18		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
o-Xylene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB3 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:40:00 AM
Lab ID: 1410H51-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5035)			
Styrene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Tetrachloroethene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Toluene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Trichloroethene	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Vinyl chloride	BRL	8.9		ug/Kg-dry	197820	1	10/17/2014 20:01	MD
Surr: 4-Bromofluorobenzene	87.1	70-128		%REC	197820	1	10/17/2014 20:01	MD
Surr: Dibromofluoromethane	97.2	78.2-128		%REC	197820	1	10/17/2014 20:01	MD
Surr: Toluene-d8	95.3	76.5-116		%REC	197820	1	10/17/2014 20:01	MD
PERCENT MOISTURE D2216								
Percent Moisture	11.3	0		wt%	R278260	1	10/21/2014 10:00	SG

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

Client: Peachtree Environmental	Client Sample ID: SB3 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:50:00 AM
Lab ID: 1410H51-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5035)								
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
2-Butanone	BRL	47		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
2-Hexanone	BRL	9.4		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
4-Methyl-2-pentanone	BRL	9.4		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Acetone	BRL	94		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Benzene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Bromodichloromethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Bromoform	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Bromomethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Carbon disulfide	BRL	9.4		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Chlorobenzene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Chloroethane	BRL	9.4		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Chloroform	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Chloromethane	BRL	9.4		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
cis-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Cyclohexane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Dibromochloromethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Dichlorodifluoromethane	BRL	9.4		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Ethylbenzene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Freon-113	BRL	9.4		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Isopropylbenzene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
m,p-Xylene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Methyl acetate	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Methylcyclohexane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Methylene chloride	BRL	19		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
o-Xylene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB3 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:50:00 AM
Lab ID: 1410H51-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5035)			
Styrene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Tetrachloroethene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Toluene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Trichloroethene	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Vinyl chloride	BRL	9.4		ug/Kg-dry	197820	1	10/17/2014 20:28	MD
Surr: 4-Bromofluorobenzene	86.1	70-128		%REC	197820	1	10/17/2014 20:28	MD
Surr: Dibromofluoromethane	101	78.2-128		%REC	197820	1	10/17/2014 20:28	MD
Surr: Toluene-d8	103	76.5-116		%REC	197820	1	10/17/2014 20:28	MD
PERCENT MOISTURE D2216								
Percent Moisture	11.2	0		wt%	R278260	1	10/21/2014 10:00	SG

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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB4 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 12:00:00 PM
Lab ID: 1410H51-007	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B (SW5035)								
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,1,2-Trichloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,2,4-Trichlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,2-Dichlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
1,4-Dichlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
2-Butanone	BRL	41		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
2-Hexanone	BRL	8.2		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
4-Methyl-2-pentanone	BRL	8.2		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Acetone	BRL	82		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Benzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Bromodichloromethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Bromoform	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Bromomethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Carbon disulfide	BRL	8.2		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Chlorobenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Chloroethane	BRL	8.2		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Chloroform	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Chloromethane	BRL	8.2		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
cis-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Cyclohexane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Dibromochloromethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Dichlorodifluoromethane	BRL	8.2		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Ethylbenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Freon-113	BRL	8.2		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Isopropylbenzene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
m,p-Xylene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Methyl acetate	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Methylcyclohexane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Methylene chloride	BRL	16		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
o-Xylene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB4 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 12:00:00 PM
Lab ID: 1410H51-007	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Tetrachloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Toluene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Trichloroethene	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Vinyl chloride	BRL	8.2		ug/Kg-dry	197820	1	10/17/2014 20:55	MD
Surr: 4-Bromofluorobenzene	81.3	70-128		%REC	197820	1	10/17/2014 20:55	MD
Surr: Dibromofluoromethane	96.6	78.2-128		%REC	197820	1	10/17/2014 20:55	MD
Surr: Toluene-d8	98.8	76.5-116		%REC	197820	1	10/17/2014 20:55	MD
PERCENT MOISTURE D2216								
Percent Moisture	14.5	0		wt%	R278260	1	10/21/2014 10:00	SG

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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB4 5-7
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 12:10:00 PM
Lab ID: 1410H51-008	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B		(SW5035)						
1,1,1-Trichloroethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,1,2,2-Tetrachloroethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,1,2-Trichloroethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,1-Dichloroethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,2,4-Trichlorobenzene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,2-Dibromo-3-chloropropane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,2-Dibromoethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,2-Dichlorobenzene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,2-Dichloroethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,2-Dichloropropane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,3-Dichlorobenzene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
1,4-Dichlorobenzene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
2-Butanone	BRL	48		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
2-Hexanone	BRL	9.5		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
4-Methyl-2-pentanone	BRL	9.5		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Acetone	BRL	95		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Benzene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Bromodichloromethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Bromoform	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Bromomethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Carbon disulfide	BRL	9.5		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Carbon tetrachloride	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Chlorobenzene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Chloroethane	BRL	9.5		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Chloroform	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Chloromethane	BRL	9.5		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
cis-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Cyclohexane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Dibromochloromethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Dichlorodifluoromethane	BRL	9.5		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Ethylbenzene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Freon-113	BRL	9.5		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Isopropylbenzene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
m,p-Xylene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Methyl acetate	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Methyl tert-butyl ether	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Methylcyclohexane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Methylene chloride	BRL	19		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
o-Xylene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB4 5-7
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 12:10:00 PM
Lab ID: 1410H51-008	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5035)			
Styrene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Tetrachloroethene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Toluene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
trans-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Trichloroethene	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Trichlorofluoromethane	BRL	4.8		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Vinyl chloride	BRL	9.5		ug/Kg-dry	197820	1	10/17/2014 21:23	MD
Surr: 4-Bromofluorobenzene	88.1	70-128		%REC	197820	1	10/17/2014 21:23	MD
Surr: Dibromofluoromethane	100	78.2-128		%REC	197820	1	10/17/2014 21:23	MD
Surr: Toluene-d8	99.7	76.5-116		%REC	197820	1	10/17/2014 21:23	MD
PERCENT MOISTURE D2216								
Percent Moisture	10.5	0		wt%	R278260	1	10/21/2014 10:00	SG

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: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: TRIP BLANK
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014
Lab ID: 1410H51-009	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	197867	1	10/20/2014 15:53	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,1-Dichloroethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,1-Dichloroethene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,2-Dibromoethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,2-Dichloroethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,2-Dichloropropane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
2-Butanone	BRL	50		ug/L	197867	1	10/20/2014 15:53	NP
2-Hexanone	BRL	10		ug/L	197867	1	10/20/2014 15:53	NP
4-Methyl-2-pentanone	BRL	10		ug/L	197867	1	10/20/2014 15:53	NP
Acetone	BRL	50		ug/L	197867	1	10/20/2014 15:53	NP
Benzene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Bromodichloromethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Bromoform	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Bromomethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Carbon disulfide	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Carbon tetrachloride	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Chlorobenzene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Chloroethane	BRL	10		ug/L	197867	1	10/20/2014 15:53	NP
Chloroform	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Chloromethane	BRL	10		ug/L	197867	1	10/20/2014 15:53	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Cyclohexane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Dibromochloromethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Dichlorodifluoromethane	BRL	10		ug/L	197867	1	10/20/2014 15:53	NP
Ethylbenzene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Freon-113	BRL	10		ug/L	197867	1	10/20/2014 15:53	NP
Isopropylbenzene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
m,p-Xylene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Methyl acetate	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Methylcyclohexane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Methylene chloride	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
o-Xylene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 22-Oct-14

Client: Peachtree Environmental	Client Sample ID: TRIP BLANK
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014
Lab ID: 1410H51-009	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	197867	1	10/20/2014 15:53	NP
Tetrachloroethene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Toluene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Trichloroethene	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Trichlorofluoromethane	BRL	5.0		ug/L	197867	1	10/20/2014 15:53	NP
Vinyl chloride	BRL	2.0		ug/L	197867	1	10/20/2014 15:53	NP
Surr: 4-Bromofluorobenzene	88.3	66.2-120		%REC	197867	1	10/20/2014 15:53	NP
Surr: Dibromofluoromethane	97.1	79.5-121		%REC	197867	1	10/20/2014 15:53	NP
Surr: Toluene-d8	98.3	77-117		%REC	197867	1	10/20/2014 15:53	NP

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Peachtree Environmental

Work Order Number 1410H51

Checklist completed by Tanna Paevar 10/19/14
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 3.5°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

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

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

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by _____

Sample Condition: Good Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

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

Client: Peachtree Environmental
Project Name: Silverstein's Cleaners
Workorder: 1410H51

ANALYTICAL QC SUMMARY REPORT

BatchID: 197820

Sample ID: MB-197820	Client ID:	Units: ug/Kg	Prep Date: 10/17/2014	Run No: 278117							
Sample Type: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197820	Analysis Date: 10/17/2014	Seq No: 5878741							
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: Silverstein's Cleaners
Workorder: 1410H51

ANALYTICAL QC SUMMARY REPORT

BatchID: 197820

Sample ID: MB-197820	Client ID:	Units: ug/Kg	Prep Date: 10/17/2014	Run No: 278117							
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197820	Analysis Date: 10/17/2014	Seq No: 5878741							
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	42.39	0	50.00		84.8	70	128				
Surr: Dibromofluoromethane	47.27	0	50.00		94.5	78.2	128				
Surr: Toluene-d8	48.92	0	50.00		97.8	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: Silverstein's Cleaners
Workorder: 1410H51

ANALYTICAL QC SUMMARY REPORT

BatchID: 197820

Sample ID: LCS-197820	Client ID:	Units: ug/Kg	Prep Date: 10/17/2014	Run No: 278117							
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197820	Analysis Date: 10/17/2014	Seq No: 5878738							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	47.69	5.0	50.00		95.4	69.9	145				
Benzene	49.27	5.0	50.00		98.5	72.3	130				
Chlorobenzene	51.51	5.0	50.00		103	69	130				
Toluene	53.80	5.0	50.00		108	71.1	130				
Trichloroethene	51.82	5.0	50.00		104	71.7	136				
Surr: 4-Bromofluorobenzene	42.28	0	50.00		84.6	70	128				
Surr: Dibromofluoromethane	46.62	0	50.00		93.2	78.2	128				
Surr: Toluene-d8	49.90	0	50.00		99.8	76.5	116				

Sample ID: 1410H51-001AMS	Client ID: SB1 2-4	Units: ug/Kg-dry	Prep Date: 10/17/2014	Run No: 278117							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197820	Analysis Date: 10/17/2014	Seq No: 5878739							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	51.14	5.3	53.46		95.7	56.6	151				
Benzene	54.22	5.3	53.46		101	70.4	130				
Chlorobenzene	58.77	5.3	53.46		110	67.5	132				
Toluene	58.84	5.3	53.46		110	70.4	130				
Trichloroethene	57.08	5.3	53.46		107	70.1	137				
Surr: 4-Bromofluorobenzene	43.60	0	53.46		81.6	70	128				
Surr: Dibromofluoromethane	48.89	0	53.46		91.4	78.2	128				
Surr: Toluene-d8	53.47	0	53.46		100	76.5	116				

Sample ID: 1410H51-001AMSD	Client ID: SB1 2-4	Units: ug/Kg-dry	Prep Date: 10/17/2014	Run No: 278117							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197820	Analysis Date: 10/17/2014	Seq No: 5878740							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	48.18	5.3	53.46		90.1	56.6	151	51.14	5.96	20.4	
Benzene	53.46	5.3	53.46		100	70.4	130	54.22	1.41	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: Silverstein's Cleaners
Workorder: 1410H51

ANALYTICAL QC SUMMARY REPORT

BatchID: 197820

Sample ID: 1410H51-001AMSD	Client ID: SB1 2-4	Units: ug/Kg-dry	Prep Date: 10/17/2014	Run No: 278117
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197820	Analysis Date: 10/17/2014	Seq No: 5878740

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	56.31	5.3	53.46		105	67.5	132	58.77	4.27	14.6	
Toluene	58.29	5.3	53.46		109	70.4	130	58.84	0.949	16.6	
Trichloroethene	53.94	5.3	53.46		101	70.1	137	57.08	5.64	17	
Surr: 4-Bromofluorobenzene	45.19	0	53.46		84.5	70	128	43.60	0	0	
Surr: Dibromofluoromethane	50.12	0	53.46		93.7	78.2	128	48.89	0	0	
Surr: Toluene-d8	52.90	0	53.46		98.9	76.5	116	53.47	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: Silverstein's Cleaners
Workorder: 1410H51

ANALYTICAL QC SUMMARY REPORT

BatchID: 197867

Sample ID: MB-197867	Client ID:	Units: ug/L	Prep Date: 10/18/2014	Run No: 278115							
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197867	Analysis Date: 10/18/2014	Seq No: 5877625							
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: Silverstein's Cleaners
Workorder: 1410H51

ANALYTICAL QC SUMMARY REPORT

BatchID: 197867

Sample ID: MB-197867	Client ID:	Units: ug/L	Prep Date: 10/18/2014	Run No: 278115							
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197867	Analysis Date: 10/18/2014	Seq No: 5877625							
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	44.87	0	50.00		89.7	66.2	120				
Surr: Dibromofluoromethane	49.66	0	50.00		99.3	79.5	121				
Surr: Toluene-d8	48.57	0	50.00		97.1	77	117				

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: Silverstein's Cleaners
Workorder: 1410H51

ANALYTICAL QC SUMMARY REPORT

BatchID: 197867

Sample ID: LCS-197867	Client ID:	Units: ug/L	Prep Date: 10/18/2014	Run No: 278131							
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197867	Analysis Date: 10/20/2014	Seq No: 5878447							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	59.88	5.0	50.00		120	63.1	140				
Benzene	51.25	5.0	50.00		102	74.2	129				
Chlorobenzene	48.66	5.0	50.00		97.3	70	129				
Toluene	50.02	5.0	50.00		100	74.2	129				
Trichloroethene	49.97	5.0	50.00		99.9	71.2	135				
Surr: 4-Bromofluorobenzene	44.45	0	50.00		88.9	66.2	120				
Surr: Dibromofluoromethane	49.73	0	50.00		99.5	79.5	121				
Surr: Toluene-d8	49.19	0	50.00		98.4	77	117				

Sample ID: 1410102-001AMS	Client ID:	Units: ug/L	Prep Date: 10/18/2014	Run No: 278131							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197867	Analysis Date: 10/20/2014	Seq No: 5878593							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	42.58	5.0	50.00		85.2	60.2	159				
Benzene	42.60	5.0	50.00		85.2	70.2	138				
Chlorobenzene	43.00	5.0	50.00		86.0	70.1	133				
Toluene	41.85	5.0	50.00		83.7	70	139				
Trichloroethene	41.23	5.0	50.00		82.5	70.1	144				
Surr: 4-Bromofluorobenzene	44.14	0	50.00		88.3	66.2	120				
Surr: Dibromofluoromethane	48.43	0	50.00		96.9	79.5	121				
Surr: Toluene-d8	48.37	0	50.00		96.7	77	117				

Sample ID: 1410102-001AMSD	Client ID:	Units: ug/L	Prep Date: 10/18/2014	Run No: 278131							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197867	Analysis Date: 10/20/2014	Seq No: 5878594							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	48.30	5.0	50.00		96.6	60.2	159	42.58	12.6	19.2	
Benzene	42.77	5.0	50.00		85.5	70.2	138	42.60	0.398	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: Silverstein's Cleaners
Workorder: 1410H51

ANALYTICAL QC SUMMARY REPORT

BatchID: 197867

Sample ID: 1410I02-001AMSD	Client ID:	Units: ug/L	Prep Date: 10/18/2014	Run No: 278131							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 197867	Analysis Date: 10/20/2014	Seq No: 5878594							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	43.37	5.0	50.00		86.7	70.1	133	43.00	0.857	20	
Toluene	42.39	5.0	50.00		84.8	70	139	41.85	1.28	20	
Trichloroethene	40.71	5.0	50.00		81.4	70.1	144	41.23	1.27	20	
Surr: 4-Bromofluorobenzene	44.81	0	50.00		89.6	66.2	120	44.14	0	0	
Surr: Dibromofluoromethane	48.13	0	50.00		96.3	79.5	121	48.43	0	0	
Surr: Toluene-d8	49.70	0	50.00		99.4	77	117	48.37	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		



October 27, 2014

John Martiniere
Peachtree Environmental
3000 Northwoods Parkway, Suite 105
Norcross GA 30071

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

RE: Silverstein's Cleaners

Dear John Martiniere:

Order No: 1410K43

Analytical Environmental Services, Inc. received 8 samples on 10/22/2014 12:00:00 AM for the analyses presented in following report.

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

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
- 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 deBruvn
Project Manager



COMPANY: Pendtree		ADDRESS: N CROSS Cell					ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers
PHONE: 770-449-6100		SIGNATURE: <i>[Signature]</i>					PRESERVATION (See codes) NA - see voc vials										REMARKS		
SAMPLED BY: Denny D. Johns / Rg mbe		SAMPLED		Grab	Composite	Matrix (See codes)													
#	SAMPLE ID	DATE	TIME																
1	SB1 2'-4'	10/17	11:00	X		SO											5'		
2	SB1 8'-10'		11:10														5'		
3	SB2 2'-4'		11:20														5'		
4	SB2 8'-10'		11:30														5'		
5	SB3 2'-4'		11:40														5'		
6	SB3 8'-10'		11:50														5'		
7	SB4 2'-4'		12:00														5'		
8	SB4 5'-7'		12:10														5'		
9																			
10																			
11																			
12																			
13																			
14																			

**Run VOC's first
Do not run FOC
on my sample with
VOC over BDL (5ppb)**

RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION				RECEIPT					
1: <i>[Signature]</i>		10/17 3pm		1: <i>[Signature]</i>		10/17/14 3:10		PROJECT NAME: Silversterns				Total # of Containers 40					
2:				2:				PROJECT #: Augusta				<input checked="" type="checkbox"/> Turnaround Time Request <input type="checkbox"/> Standard 5 Business Days <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same Day Rush (auth req.) <input type="checkbox"/> Other					
3:				3:				SEND REPORT TO:									
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				INVOICE TO: (IF DIFFERENT FROM ABOVE)				STATE PROGRAM (if any):					
				OUT VIA: IN VIA: <input checked="" type="checkbox"/> CLIENT <input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> MAIL <input type="checkbox"/> COURIER <input type="checkbox"/> GREYHOUND <input type="checkbox"/> OTHER				QUOTE #:				PO#:				E-mail? Y/N; Fax? Y/N	
												DATA PACKAGE: I II III IV					

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 27-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB1 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:00:00 AM
Lab ID: 1410K43-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
FOC/FOM ASTMD2974								
Fractional Organic Carbon	1.80	0.0580		%	198229	1	10/23/2014 10:20	AB

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: 27-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB1 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:10:00 AM
Lab ID: 1410K43-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
FOC/FOM ASTMD2974								
Fractional Organic Carbon	4.10	0.0580		%	198229	1	10/23/2014 10:20	AB

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: 27-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB2 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:20:00 AM
Lab ID: 1410K43-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
FOC/FOM ASTMD2974								
Fractional Organic Carbon	1.00	0.0580		%	198229	1	10/23/2014 10:20	AB

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: 27-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB2 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:30:00 AM
Lab ID: 1410K43-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
FOC/FOM ASTMD2974								
Fractional Organic Carbon	1.90	0.0580		%	198229	1	10/23/2014 10:20	AB

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: 27-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB3 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:40:00 AM
Lab ID: 1410K43-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.40	0.0580		%	198229	1	10/23/2014 10:20	AB

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: 27-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB3 8-10
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 11:50:00 AM
Lab ID: 1410K43-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.30	0.0580		%	198229	1	10/23/2014 10:20	AB

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: 27-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB4 2-4
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 12:00:00 PM
Lab ID: 1410K43-007	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
FOC/FOM ASTMD2974								
Fractional Organic Carbon	4.20	0.0580		%	198229	1	10/23/2014 10:20	AB

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: 27-Oct-14

Client: Peachtree Environmental	Client Sample ID: SB4 5-7
Project Name: Silverstein's Cleaners	Collection Date: 10/17/2014 12:10:00 PM
Lab ID: 1410K43-008	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
FOC/FOM ASTMD2974								
Fractional Organic Carbon	2.00	0.0580		%	198229	1	10/23/2014 10:20	AB

Qualifiers:

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

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Peachtree Environmental

Work Order Number 1410K43
~~1410H51~~ ^{det3} 10/22

Checklist completed by Tanna Pacurar Signature Date 10/17/14

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 3.5°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

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

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

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by _____

Sample Condition: Good Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

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

Client: Peachtree Environmental
Project Name: Silverstein's Cleaners
Workorder: 1410K43

ANALYTICAL QC SUMMARY REPORT

BatchID: 198229

Sample ID: MB-198229	Client ID:	Units: %	Prep Date: 10/23/2014	Run No: 278637							
SampleType: MBLK	TestCode: FOC/FOM ASTMD2974	BatchID: 198229	Analysis Date: 10/23/2014	Seq No: 5889428							
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: 1410K43-001ADUP	Client ID: SB1 2-4	Units: %	Prep Date: 10/23/2014	Run No: 278637							
SampleType: DUP	TestCode: FOC/FOM ASTMD2974	BatchID: 198229	Analysis Date: 10/23/2014	Seq No: 5889439							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Fractional Organic Carbon 1.700 0.0580 1.800 5.71 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		



APPENDIX B

CALCULATION SHEETS FOR SOIL RISK REDUCTION STANDARDS

APPENDIX B

Type 1 Risk Reduction Standards for Soil [Rule 391-3-19-.07(6)(c)]

Constituents (mg/kg)	Appendix III Table 2 Value	Item 1 (i) Appendix I Concentration	Item 1 (ii) Type 1 GW Criteria x 100	Greatest of Item i - iii	Item 2 RAGS (Equ 7) Non-Carcinogenic	Item 3 RAGS (Equ 6) Carcinogenic	Type 1 RRS (mg/kg)
Trichloroethane, 1,1,1-	--	5.44	20	20	1.07E+04	--	20.0
Dichloroethylene, 1,1-	--	0.36	0.7	0.70	2.38E+02	--	0.700
Dichloroethylene, 1,2-cis-	--	0.53	7	7	1.28E+03	--	7.00
Acetone	--	2.74	400	400	1.92E+05	--	400
Ethylbenzene	--	20.00	70	70	9.08E+03	9.21E+01	70.0
Cumene	--	21.88	--	21.88	4.35E+03	--	21.9
Xylenes	--	20.00	1000	1000	1.08E+03	--	1,000
Tetrachloroethene (PCE)	--	0.18	0.5	0.5	1.41E+02	3.15E+02	0.500
Toluene	--	14.40	100	100	2.22E+04	--	100
Trichloroethene (TCE)	--	0.13	0.5	0.5	6.63E+00	1.82E+01	0.500

APPENDIX B

Type 4 Soil Screening Level for Migration to Groundwater

Constituents	Cw		Kd (L/kg)	Koc (L/kg)	foc* (g/g)	Ow** (Lwater/ Lsoil)	Oa (Lair/Lsoil)	n (Lpore/Lsoil)	Pb** (kg/L)	Ps** (kg/L)	H' (unitless)	Soil Screening Level (mg/kg)
	Type 3 or 4 GW Criteria (mg/L)	DAF (unitless)										
Tetrachloroethene (PCE)	0.256	20	2.12E+00	94.94	0.022	0.3	0.134	0.434	1.5	2.65	0.72363	12.171

Soil screening level = $Cw [Kd + (Ow + Oa \cdot H') / Pb]$

Notes:

Physical/chemical parameters obtained from U.S. EPA Mid-Atlantic Risk Assessment Regional Screening Tables (http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm)

** Values for Ow, Pb, and Ps obtained from Appendix B (Equation 13) of Supplemental Guidance for Developing Sol Screening Levels for Superfund Sites (EPA, 2002)

Cw = target soil leachate concentration (mg/L)

Cw = groundwater criteria * dilution attenuation factor (DAF)

Kd = soil-water partition coefficient (L/kg) = Koc x foc

Koc=soil organic carbon-water partition coefficient (L/kg)

foc = fraction organic carbon-water partition coefficient (g/g)

Ow = water-filled soil porosity (Lwater/Lsoil)

Oa = air-filled soil porosity (Lair/Lsoil) = n-Ow

n = soil porosity (Lpore/Lsoil) = 1-(Pb/Ps)

Pb = dry soil bulk density (kg/L)

Ps = soil particle density (kg/L)

H' = dimensionless Henry's Law Constant



APPENDIX C

SUMMARY OF PROFESSIONAL CERTIFICATION HOURS

**SILVERSTEIN'S CLEANERS PROPERTY
MARTINEX, COLUMBIA COUNTY, GEORGIA**

**APPENDIX C
MONTHLY SUMMARY AND DESCRIPTION OF PROFESSIONAL HOURS**

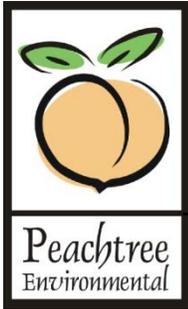
Quantity	Units	Time Period + Description of Activities	Hours	
				Subtotal
<i>October 11 to October 31, 2014</i>				
PE Oversight / Project Management				
0.00	Hours	Project Director (John P. Martiniere, P.E.)		0.00
<i>November 1 to November 30, 2014</i>				
2.50	Hours	Project Director (John P. Martiniere, P.E.)		2.50
<i>December 1 to December 31, 2014</i>				
6.00		Project Director (John P. Martiniere, P.E.)		6.00
<i>January 1 to January 31, 2015</i>				
1.00	Hours	Project Director (John P. Martiniere, P.E.)		1.00
<i>February 1 to February 28, 2015</i>				
3.00	Hours	Project Director (John P. Martiniere, P.E.)		3.00

PE MONTHLY HOURS TOTAL => 12.50



APPENDIX D

RESPONSE TO EPD COMMENT LETTER DATED
JANUARY 6, 2015



Peachtree Environmental
3000 Northwoods Parkway Suite 105
Norcross, Georgia 30071-1597
770-449-6100 / fax 770-449-6119

March 6, 2015

Mr. David Brownlee
Unit Coordinator – Response and Remediation Program
Georgia Department of Natural Resources / EPD
2 Martin Luther King, Jr. Drive, SE
Suite 1054
Atlanta, GA 30334-9000

RE: Response to January 6, 2015, EPD Comment Letter regarding
First Semiannual VRP Progress Report - September 2014
Silverstein's Cleaners, HSI Site 10875, Martinez, Georgia

Dear Mr. Brownlee:

Peachtree Environmental (Peachtree) has reviewed the Georgia Environmental Protection Division (EPD) January 6, 2015, comment letter regarding the *First Semiannual VRP Progress Report for the for the Silverstein's Cleaners Property, Martinez, Columbia County, Georgia*, dated September 6, 2014. Some of the comments in the letter have already been incorporated into the Second Semiannual VRP Progress Report. Peachtree has prepared responses to the specific comments of the letter, as follows:

Comment 1:

As stated in our March 6, 2014, Supplemental Comments on Voluntary Investigation and Remediation Plan Addendum, an additional source area may be present on site near the southern boundary, in the vicinity of SB-26, SB-27, and MW-9. Remedial efforts should include that area of the site. Soil and groundwater tetrachloroethene (PCE) concentrations at those locations suggest the presence of dense non-aqueous phase liquid (DNAPL) in the subsurface. Accordingly, a DNAPL-source-zone investigation may be warranted. We note that following the most recent groundwater sampling event, the analytical laboratory had to dilute the MW-9 groundwater sample due to the extremely high concentration of PCE present in the sample matrix.

Response:

Peachtree concurs that a source area may be present near the southern boundary, in the vicinity of SB-26, SB-27, and MW-9, which is near the present dumpster location. For that reason, this area was specified in the Conceptual Site Model in Section 2.2, and identified as DNAPL Entry Zone 2 in Section 2.3 of the First Semiannual Progress Report. The soil detections and groundwater detections appear to be greatest in this area. For that reason, the Voluntary Soil Source Remediation proposed to be conducted in the next 6 months will be conducted at this location.

Comment 2:

Points of Exposure and associated Points of Demonstration, as defined under the VRP Act, will need to be identified in at least two directions, and possibly more. EPD disagrees with the assertion in Section 3.1 that historical potentiometric data indicates a groundwater-flow direction across the site to the southeast. Historical data indicates a semi-radial pattern of groundwater flow, to the west, northwest, north, and northeast. Furthermore, groundwater contamination believed to have originated from Silverstein's was initially detected east of the site, on a nearby McDonald's property. The presence of chlorinated solvents in McDonald's groundwater suggests that groundwater-flow directions on site have changed over time, or that groundwater-flow directions on site, as currently and historically depicted, are incorrect.

Response:

EPD is correct in pointing out the groundwater-flow direction statement in Section 3.1 is incorrect. However, it incorrectly states that flow is to the southwest, not southeast. The correct flow direction is to the northwest, which was shown on the August 2014 Water Table Map, Figure 3. This flow does appear to be semi-radial, although an easterly component is not evident from this or previous water level measurements. Peachtree is not aware of any natural mechanisms that would alter flow direction over time at this location. Groundwater withdrawal such as excavation dewatering would possibly pull affected groundwater onto the McDonald's property, but cessation of pumping would allow natural attenuation to lower the impacts over time. Historic water levels at the Site wells appear to show a consistent pattern of flow generally to the northwest. Individual interpretation can allow variability in placement of water level contours, but the inferred flow direction does not appear to be wrong.

Comment 3:

Please submit calculations for the Type 1 soil risk reduction standards (RRSs) presented in Table 2.5.1, including calculations and an RRS for isopropyl benzene (cumene), which is listed in that table but for which no RRS is presented. When calculating RRSs, please obtain toxicity factors from the latest version of the US EPA Region 3 Screening Level Summary Table. Where necessary, obtain input values for specific physical and chemical properties of a substance from

the latest version of the US EPA Region 3 Screening Level Chemical Specific Parameters Table. Both tables can be accessed on the Internet at: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm.

Response:

Noted. A revised table, referenced above, is included in the Second Semiannual VRP Progress Report. The calculations, including the use of site-specific organic carbon fraction percentages, are included as an appendix in the report.

Comment 4:

The Type 1 groundwater RRSs presented in Table 2.5.2 are acceptable for use at the site, except for chloroform, whose Type 1 groundwater RRS should be 80 ug/L.

Response:

Noted. The Type 1 groundwater RRS for chloroform has been revised for Table 2.5.2 and is included in the Second Semiannual VRP Progress Report.

Comment 5:

Please provide subsurface cross-sections intersecting the source areas on site, including MW-9 on the south. EPD believes that cross-sections could aid in remedial design. The cross-sections should depict the upper level of the saturated zone, soil horizons in the vadose zone, and should specify contaminant concentrations in vadose-zone soil and in groundwater.

Response:

Noted. A fence diagram has been created and inserted into the Conceptual Site Model Section 2 of the Second Semiannual VRP Progress Report. This fence diagram better shows the source area referenced in Comment 1 that will be addressed in the upcoming Voluntary Soil Source Remediation.

Comment 6:

Please construct a map depicting volatile organic compound concentrations at the various soil-sample locations on site. Also, indicate the estimated lateral extent of PCE in soil via contours. Different colored contours may be used to depict differing depths below ground surface, where needed.

Response:

These soil concentration figures were created for the CAP (Figures 4 and 5) and for the VRP Application (Figures 5A and 5B). Because this is a progress report, and these soil samples were collected in 2010 and not during the 6-month period referenced, they were not included in the report. Copies of these figures are attached as reference.

Comment 7:

Delineation of soil contamination is incomplete to the south. Relatively high concentrations of PCE were present in soil samples obtained from SB-26 and SB-27. Additional soil sampling south of those two locations will be required.

Response:

Noted. Soil sampling will need to be conducted in this area as part of the proposed Voluntary Soil Source Remediation.

Comment 8:

1. *Delineation of groundwater contamination is incomplete in the following compass directions:*
 - a. *north of MW-12*
 - b. *east of MW-3*
 - c. *east of the former location of MW-10*
 - d. *south of MW-9*
 - e. *west of MW-8*

Off-site access and installation of additional monitoring wells will be required to complete horizontal delineation of groundwater contamination.

Response:

Noted. Based on groundwater sampling to date, the horizontal extents of PCE and TCE have been delineated to the west and southeast, but not to the north or southwest. It is anticipated that two delineation monitoring wells may need to be installed in the City of Martinez right-of-way in accordance with the required 2-year VRP milestone schedule.

Comment 9:

Vertical delineation of groundwater contamination is incomplete. Installation of a vertical-delineation well, preferably within a source area, will be required.

Response:

Noted. A vertical well is anticipated to be installed in the vicinity of MW-9 and the former TMW-5 area.

Comment 10:

Please note that EPD allows low-flow/low-volume sampling (micropurging) on a case-by-case basis, and preferably then only in high permeability formations. During future groundwater sampling events, please use a traditional multiple volume purge, as described in Section 3.2.1 of the USEPA Region 4 groundwater sampling operating procedures (OPs), "Procedure SESDPROC-301-R3, Groundwater Sampling," effective March 6, 2013. At a minimum, three well volumes should be purged prior to sampling, unless the well runs dry. Please note that the pump intake should initially be positioned near the top of the water column, and then slowly lowered, to accommodate drawdown, until the water column stabilizes. The OPs can be accessed on the Internet at <http://www.epa.gov/region4/sesd/fbgstp>.

Response:

The evacuation of three to five well volumes was a tradition 30 years ago, before the advent of multiparameter field meters with flow-through cells that could document the attainment of representative formation water during purging. EPD will note on the monitoring well purge sheets that a low flow was maintained in each well that kept the water level in each well from being lowered more than 0.25 feet (except for MW-3, which probably should have used a slower pumping rate). By definition, this means that the entry point, located within the screened interval, was accessing water laterally through the screen and not from the casing above. Over the purging period the various field parameters were observed to have stabilized, which is the ultimate objective during purging. This is the endpoint that shows that water being removed is representative of formation water.

Since the water levels in each well tend to be within the screened intervals, this reduces the likelihood that a "stagnant" layer of water can form within the casing. Peachtree suggests that the success in attaining the required stabilization and water level drawdown parameters in these wells indicates that this Site is one of those cases where low flow purging is appropriate.

Comment 11:

Regarding the groundwater sampling logs in Appendix B:

- a. On the logs for wells MW-2, MW-3, MW-4, MW-8, and MW-9, the specified depths of the pump intake were greater than the specified total depths of the wells, which is impossible.*

- b. *On the log for well MW-12, the specified depth to water is greater than 19 feet, whereas the specified depth of the pump intake is 13 feet, which would place the pump intake above the water column.*
- c. *In future reports please include the depths to the top and bottom of screened intervals on the groundwater sampling logs.*

To verify that proper groundwater-sampling protocol was followed, EPD must be confident that data presented on the groundwater-sampling logs are accurate and complete. Otherwise, groundwater-analytical data may be disallowed and resampling will be required.

Response:

Noted. It is apparent that a copy-and-paste error was carried through several of the forms, which is unacceptable and Peachtree apologizes. The actual field parameters indicate that the purging methodology was successful, and, that the groundwater samples were representative of each sampling location. The screened intervals will be included in Table 1 (see Comment 12).

Comment 12

In future reports, please include the depths to the top and bottom of screened intervals on Table 1: Summary of Groundwater Elevation Measurements.

Response:

Noted. A revised table, referenced above, is included in the Second Semiannual VRP Progress Report.

Comment 13

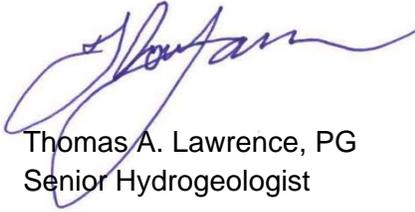
The groundwater scientist certification and signature page lacked the seal of the certifying professional. All reports containing groundwater data and interpretation must bear both the signature and seal of a professional geologist or engineer registered in the State of Georgia, along with the certifying groundwater scientist statement. Within 10 days of the date on this letter, please provide a complete groundwater scientist certification for VRP Semiannual Report 1, containing the signature and seal of a currently registered groundwater professional, along with the accompanying groundwater-scientist statement.

Response:

Noted. The sealed certification was sent to EPD within 10 days of receipt of the Comment Letter.

Please feel free to contact either of the undersigned if you have any questions or require additional information.

Respectfully submitted,



Thomas A. Lawrence, PG
Senior Hydrogeologist

770-449-6100, ext. 226



John P. Martiniere, Jr., PE
Technical Director

770-449-6100, ext. 225