



SAILORS ENGINEERING ASSOCIATES, INC.

1675 SPECTRUM DRIVE • LAWRENCEVILLE, GEORGIA 30043 • TEL (770) 962-5922 • FAX 962-7964

**VOLUNTARY REMEDIATION PROGRAM APPLICATION
VOLUNTARY INVESTIGATION AND REMEDIATION PLAN
FORMER WESTSIDE CLEANERS
700 SANDTOWN ROAD
MARIETTA, COBB COUNTY, GEORGIA**

**HSI #10927
SEA JOB #152-026**

**SUBMITTED:
OCTOBER 30, 2015**

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION

COMPANY NAME	YNH Properties, LLC				
CONTACT PERSON/TITLE	Mr. Se Hong Yi, Managing Member				
ADDRESS	3296 Summit Ridge Parkway, Suite 420, Duluth, Georgia 30096				
PHONE	678-417-1434	FAX	678-417-1438	E-MAIL	info@tbrealtor.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP

NAME	Michael J. Haller		GA PE/PG NUMBER	GA PG # 1062	
COMPANY	Sailors Engineering Associates, Inc.				
ADDRESS	1675 Spectrum Drive, Lawrenceville, GA 30043				
PHONE	770-962-5922	FAX	770-962-7964	E-MAIL	mike@sailors-engineering.com

APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

- (1) The property must have a release of regulated substances into the environment;
- (2) The property shall not be:
 - (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
 - (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
 - (C) A facility required to have a permit under Code Section 12-8-66.
- (3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
- (4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:

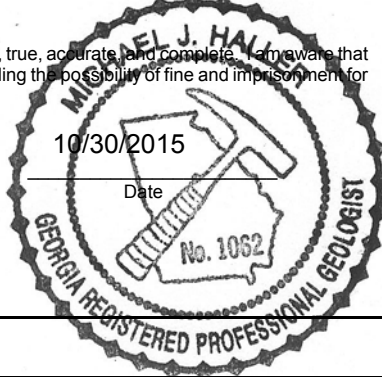
- (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
- (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.

APPLICANT'S SIGNATURE				
APPLICANT'S NAME/TITLE (PRINT)	Managing Member		DATE	10/27/2015

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	10927	Date HSI Site listed	11/22/2013
HSI Facility Name	Former Westside Cleaners	NAICS CODE	812310
PROPERTY INFORMATION			
TAX PARCEL ID	17 021400790	PROPERTY SIZE (ACRES)	6.27
PROPERTY ADDRESS	700 Sandtown Road		
CITY	Marietta	COUNTY	Cobb
STATE	Georgia	ZIPCODE	30008
LATITUDE (decimal format)	33.935161	LONGITUDE (decimal format)	-84.556769
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	YNH Properties, LLC	PHONE #	678-417-1434
MAILING ADDRESS	3296 Summit Ridge Parkway, Suite 420		
CITY	Duluth	STATE/ZIPCODE	Georgia, 30096
ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	\$5,000 APPLICATION FEE IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	Check # 2304, dated 10/27/2015	
2.	WARRANTY DEED(S) FOR QUALIFYING PROPERTY.	Appendix 3	
3.	TAX PLAT OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Appendix 3	
4.	ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	Included	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a PROJECTED MILESTONE SCHEDULE for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan	CSM - Section 2.0 & Appendix 1 Milestone – Section 4 & Appendix 4 Figures – Appendix 1 Tables – Appendix 2	

	during the preceding period. A Gantt chart format is preferred for the milestone schedule. The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	Section 4 & Appendix 4	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	Section 4 & Appendix 4	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	Section 4 & Appendix 4	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	Section 4 & Appendix 4	
6.	SIGNED AND SEALED PE/PG CERTIFICATION AND SUPPORTING DOCUMENTATION: "I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, <u>et seq.</u>). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances. Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division. The information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." Michael J. Haller Printed Name and GA PE/PG Number Signature and Stamp 	Certification Page	

ADDITIONAL QUALIFYING PROPERTIES (COPY THIS PAGE AS NEEDED)

PROPERTY INFORMATION			
TAX PARCEL ID		PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS			
CITY		COUNTY	
STATE		ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)		PHONE #	
MAILING ADDRESS			
CITY		STATE/ZIPCODE	

PROPERTY INFORMATION			
TAX PARCEL ID		PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS			
CITY		COUNTY	
STATE		ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)		PHONE #	
MAILING ADDRESS			
CITY		STATE/ZIPCODE	

PROPERTY INFORMATION			
TAX PARCEL ID		PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS			
CITY		COUNTY	
STATE		ZIPCODE	
LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)		PHONE #	
MAILING ADDRESS			
CITY		STATE/ZIPCODE	

Georgia Professional Certification Form

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Michael J Haller P.G. Number 1062
Printed Name and GA PE/PG Number

10/30/2015
Date





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1.0 INTRODUCTION

1.1 Objectives

The purpose of this Voluntary Investigation and Remediation Plan (VIRP) is to outline the steps necessary under the Georgia Voluntary Remediation Program (VRP) to investigate and remediate the Former Westside Cleaners HSI Site #10927 located at 700 Sandtown Road, Marietta, Cobb County Georgia. The subject property is currently owned by YNH Properties, LLC. A Site Plan showing the location of the property is included as Figure 2 in Appendix 1. Copies of the warranty deed and a tax map are included in Appendix 3.

1.2 Site Description

The subject property is located at 700 Sandtown Road in Marietta, Cobb County Georgia and is currently owned by YNH Properties, LLC. A former dry cleaners, Westside Cleaners, was located in an approximately 4,000 square foot, stand-alone building in the northwestern portion of the Westside or Westside Plaza Shopping Center. The building most recently operated as a coin laundry and is currently vacant. The subject property is bordered on the north by Powder Springs Road, beyond which are various commercial properties; on the west from north to south by commercial property at 721 Powder Springs Road occupied by various businesses followed by two undeveloped commercial tracts with the addresses of 840 and 844 Sandtown Road beyond which are an undeveloped commercial tract temporarily occupied by an automobile emissions testing facility along Powder Springs Road and the southeastern portion of Springs Landing Apartments at 825 Powder Springs Road; on the south by a commercial tract at 814 Sandtown Road occupied by Capper-McCall Company, an automated packaging machinery manufacturer representative sales office, beyond which is the western portion of Pine Haven Mobile Home Park at 848 Sandtown Road; and to the east by Sandtown Road, beyond which are various small commercial tracts. The subject property is approximately 6.267 acres in size and the geographical center of the former dry cleaner building is at approximate latitude of 33.935161° and approximate longitude of -84.556769°.

1.3 Qualification for the VRP

In accordance with Code Section 12-8-105 of the Georgia Voluntary Remediation Program Act, the property meets the criteria necessary to be considered a qualifying property for the voluntary remediation program as follows:

- (1) The property is listed on the Hazardous Site Inventory as Site #10927.
- (2) The property is not:
 - (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601, et seq.;
 - (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
 - (C) A facility required to have a permit under Code Section 12-8-66

- (3) The property is not in violation of the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency; and
- (4) The property does not have any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12.

Further, In accordance with Georgia Code Section 12-8-106, the applicant meets the criteria necessary to be considered a qualifying applicant for the voluntary remediation program as follows:

- (1) The applicant is the property owner of the voluntary remediation property or has express permission to enter another's property to perform corrective action including, to the extent applicable, implementing controls for the site pursuant to written lease, license, order, or indenture;
- (2) The applicant is not be in violation of any order, judgement, statute, rule, or regulation subject to the enforcement authority of the director.

1.4 Site History

The subject property was developed as a strip mall shopping center from approximately 1963 through 1972, based on Cobb County property records, aerial photographs and a review of previous reports prepared for the site. The shopping center is comprised of three buildings. The larger building, located along the western property boundary appears to have been built in two stages with the northern half built in 1963 and the southern half built in 1972. A large asphalt-paved parking area separates the large retail building from Sandtown Road. The second, smaller building at 700 Sandtown Road is located on the northwest corner of the subject property along Powder Springs Road and appears to have been built in 1963. According to the Phase I ESA prepared by BAT, Westside Cleaners occupied the building from 1961 through 2006 or 2007. This building was last occupied by Westside Coin Laundry. The third, smaller building at 690 Sandtown Road is located on the northeastern corner of the subject property at the southwestern quadrant of the Sandtown Road-Powder Springs Road intersection. This building was originally constructed as a Pizza Hut restaurant and is now occupied by Kevin's Package Store.

1.5 Site Hydrogeology

The subject site is located in the physiographic province known as the Piedmont, which extends from the Hudson River at the north to Alabama at the south. The Piedmont, the least mountainous portion of the Appalachian Highlands, is an area of intensely folded and faulted igneous and metamorphic rocks. The surface of the Piedmont can be described as a broadly undulating or rolling topography with low knobs or ridges, and valleys 30 to 300 feet thick. The underlying crystalline rocks of the Piedmont are the metamorphic schists, gneisses, quartzites and slates, and igneous granites and gabbros.

According to the *Physiographic Map of Georgia* (Clark and Zisa, 1976), the subject site is located in the Central Uplands District of the Upland Georgia Subsection of the Southern Piedmont Section of the Piedmont Province. The northeastern and central portions of the Central Uplands District is described as a series of low, linear ridges, 1,300 to 1,500 feet above sea level,

and separated by broad, open valleys. Streams flowing through this section are generally transverse to the structure and occupy valleys 150 to 200 feet below the ridge crests. The southern boundary is the ridge crest that marks the beginning of the Gainesville Ridges District. According to a Custom Soil Resource Report for Cobb County Georgia acquired from the United States Department of Agriculture, National Resources Conservation Service website, the soils at the Former Westside Cleaners is identified as Urban land (Ub) . Urban lands are soils that have been so altered by the activities of Man that they no longer have the same physical properties as the nearby native soil associations.

Based upon a review of Georgia Geologic Survey – *Geologic Map of Georgia, 1976*, the bedrock underlying the site is described as amphibolite, mica schist and biotite gneiss (mm9) of the Piedmont Province. According to the Georgia Geologic Survey Bulletin 96 entitled *Geology of the Greater Atlanta Region*, the underlying rock present on the subject site is the Powers Ferry Formation (pfu) of the Eastern Belt of the Sandy Springs Group of the Northern Piedmont Province. The Powers Ferry Formation is described as undifferentiated biotite-quartz-plagioclase gneiss (metagraywacke), mica schist and amphibolite. Based on detailed mapping in the 1990s a more recent publication, Georgia Geologic Survey Bulletin 130 entitled *Revision of Stratigraphic Nomenclature in the Atlanta, Athens, and Cartersville 30' X 60' Quadrangles, Georgia, 1999*, was produced. In this report the Sandy Springs Group was determined to be a sequence of fault slices that mimics true stratigraphy. The Powers Ferry Formation is actually a facies of the Stonewall Gneiss and is in fault contact with the rest of the Sandy Springs Group. The Powers Ferry Formation was reassigned as the Powers Ferry Member of the Stonewall Gneiss.

Groundwater in the Piedmont is generally found in the shallow confined surficial aquifer, consisting of primary and secondary voids in the residuum and saprolite. Shallow unconfined water table conditions are present throughout the Piedmont physiographic province. Precipitation percolates through the residuum and saprolite until further vertical migration is impeded by the parent rock. In the Piedmont, the groundwater surface is generally a subdued reflection of surface topography. Recharge to the groundwater occurs from precipitation that averages approximately 49 inches per year within the Greater Atlanta area. Rainfall occurs throughout the year, although increased amounts of rainfall are typical during the spring months. Soils within the area consist predominantly of sandy silts and silty sands that allow rapid percolation of rainfall. Typically, the infiltration of precipitation through the soil to the groundwater occurs within a few days after rainfall.

According to the Georgia Geologic Survey Information Circular 63 entitled *Ground Water in the Greater Atlanta Region, Georgia*, the subject property is located on Plate 1, in Unit “A”. Well depths in Unit “A” range from 35 feet to 2,175 feet, averaging 294 feet. Well yields range from 20 gallons to 275 gallons per minute, averaging 56 gallons per minute. The rock found in Unit “A” is interlayered amphibolite, gneiss and schist. Interlayering with two or three different lithologies is significant because the contact zones between the different layers have the potential for increased permeability.

Based on groundwater elevation measurements taken at the site monitoring wells, the depth to groundwater is roughly 12 to 15 feet below ground surface (BGS) and flows generally to the south. A potentiometric surface map is included as Figure 5 in Appendix 1.

1.6 Regulatory Status

As part of a due diligence investigation conducted in March 2013, soil and groundwater samples were collected from the area immediately around the former dry cleaner building. Results of that investigation indicated impacts to soil and groundwater from tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, vinyl chloride, 1,1-dichloroethene, acetone, chloroform dichlorobenzene, ethylbenzene, toluene and xylenes. On August 7, 2013 a release notification was submitted to the Georgia EPD Hazardous Site Response Program and the site was subsequently placed on the Hazardous Site Inventory as Site Number 10927 on November 22, 2013.

1.7 Risk Reduction Standards

The subject property is non-residential. The properties immediately down gradient are also non-residential. The goal of corrective action will be either the non-residential Type 3 or Type 4 Risk Reduction Standard or a Type 5 Risk Reduction Standard.

2.0 CONCEPTUAL SITE MODEL

2.1 Source Area

The source of the soil and groundwater impacts at the subject site are the former activities associated with the operation of the Westside Cleaners dry cleaning facility. The release route is not known. There are no reports of spills or release events in the records reviewed. The impacts detected in the soil on site appear to be centered in the southwestern corner of the former dry cleaner building, where the dry cleaning machinery was reportedly located.

Based on the presence of both soil and groundwater impacts, the conceptual site model includes a release to soil which has migrated to the water table and resulted in both soil and groundwater impacts. Based on the concentrations recorded to date, it is possible that DNAPL may be present that is continuing to act as a source of groundwater impacts. It also appeared that prior to the recent excavation of the most heavily impacted soils, residual PCE trapped in the soil was continuing to leach out to the groundwater. Figure 1 in Appendix 1 depicts a cross sectional and plan view of the Conceptual Site Model.

2.2 Contaminant Transport

The primary contaminant transport mechanisms at this site are continued leaching from soil impacts, vapor off gassing from soil and groundwater impacts and advection and dispersion of contaminants through groundwater flow.

2.3 Potential Receptors

The potential human exposure routes associated with this release include direct exposure to impacted soil through construction work, primarily potential future underground utility work, and potential vapor exposure to site occupants. No drinking water usage of groundwater in the

immediate area has been identified. Further, no surface water bodies are present in the groundwater flow path that could be potential receptors.

No ecological receptors have been identified.

2.4 Exposure Pathways

Based on the current assessment of the site, the complete exposure pathways include the potential inhalation of vapors from soil and groundwater. No other complete exposure routes are present. Incomplete routes include exposure to impacted groundwater and exposure to impacted soils. No impacted groundwater withdrawals are occurring, and the known area of soil impacts is currently capped with an impervious cover of asphalt and concrete.

3.0 PRELIMINARY REMEDIATION PLAN

3.1 Corrective Action Completed or in Process

Corrective action activities completed to date include the removal, ex-situ treatment of 275 cubic yards of impacted soil from both inside and outside the former dry cleaner building. The excavation measured approximately 680 square feet, ten feet deep. The excavated soil was placed in roll off boxes, tested and treated, if needed, with a sodium hydroxide activated sodium permanganate. Three of the roll off boxes met the disposal criteria set by the landfill without needing treatment and the soil in those boxes was transferred to dump trucks and transported to Eagle Point Landfill in Ball Ground, Georgia for disposal. Following a sufficient time frame to allow the reaction to occur, the roll off boxes were retested and those meeting the landfill acceptance criteria were transported to Eagle Point Landfill in Ball Ground, Georgia for disposal. Those which did not meet the requirements were retreated and are currently waiting retesting prior to disposal.

The excavation was backfilled with #57 stone to within approximately twelve inches of the subgrade, where four inches of compacted graded aggregate base (GAB) and four inches of concrete were placed to match the existing floor inside the building and the drive area outside the building. In order to minimize the risk for vapor intrusion, slotted 2-inch diameter PVC pipe was placed horizontally in the trench at a depth of approximately two to three feet below the finished elevation and vented through a vertical 2-inch diameter PVC riser which extends approximately 18 inches above the roof line and is completed with a wind-blown turbine. Figure 6 of Appendix 1 depicts the area of excavation and post excavation sampling results

In order to address the remaining soil impacts and impacts to groundwater, a chemical oxidation approach is proposed. In order to gauge the effectiveness of a chemical oxidation approach, a pilot injection event was conducted between August 18 and 21, 2015 that included the injection of approximately 11,571 pounds of sodium hydroxide activated sodium permanganate dissolved in potable water. The injections were accomplished through nine soil injection points and 35 groundwater injection points in the areas shown on Figure 7 in Appendix 1. Based on the injection sub-contractors recommendations, the soil and groundwater samples that will be used to gauge the effectiveness of a chemical oxidation remedial approach were collected on October 21 and 22, 2015. The results of those samples were not available prior to the completion of this report. The effectiveness and any proposed changes to the anticipated remedial approach will be discussed in the next regular VRP Progress Report.

3.2 Additional Corrective Action Measures

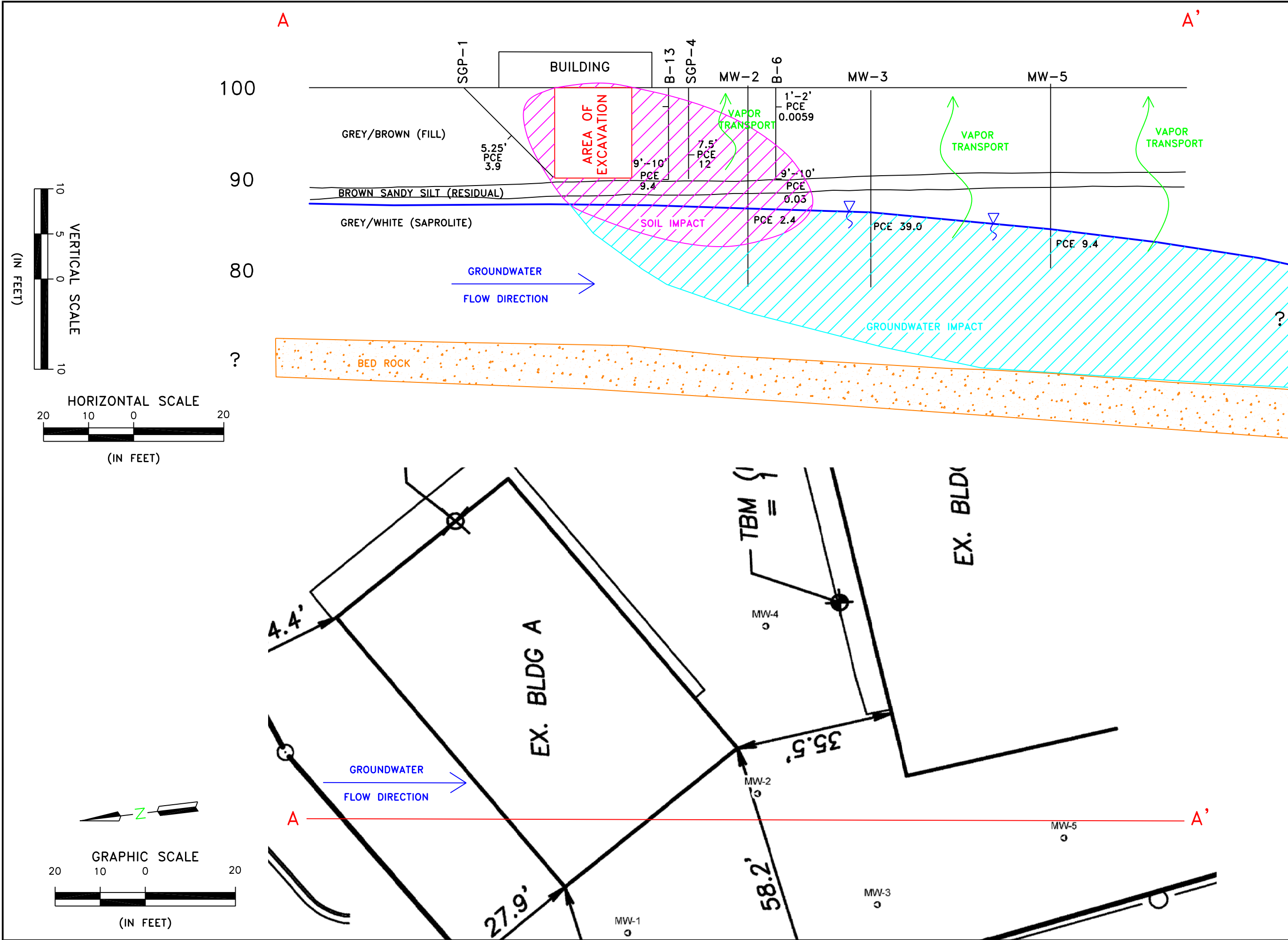
It is anticipated that additional corrective action measures may be necessary to meet the appropriate risk reduction standards. SEA anticipates, that in addition to direct excavation and chemical oxidation to reduce the contaminant concentrations, that engineering and/or institutional controls may be used to minimize the potential for exposure. The institutional controls may include a Uniform Environmental Covenant designed to be protective of human health and the environment and may include activity and/or use limitations. Engineering controls may include the use of vapor mitigation systems to minimize the potential for vapor intrusion.

4.0 MILESTONE SCHEDULE:

The following milestone schedule outlines significant events as discussed above including historic and anticipated future events. The dates of future events may be accelerated based on the progress of the remedial measures taken. A Gantt chart of the following milestone schedule is included in Appendix 4.

Due Diligence Investigation by ETRI	March, 2013
Release Notification	August 8, 2013
Listing on HSI	November 23, 2013
Additional Investigation by SEA	March, 2015
Impacted Soil Removal	June 17 to 24, 2015
Chemical Oxidation Pilot Study Injections	August 18 to 21, 2015
Chemical Oxidation Pilot Study Sampling	October 5 to October 20, 2015
VRP Application and VIRP submittal	October 30, 2015
Additional Remedial Measures	As warranted
VRP Semi-Annual Reports	March, 2016 until March 2020
On site horizontal delineation	October 30, 2016
Off-site horizontal delineation	October 30, 2017
Vertical Delineation	March 30, 2018
VRP Compliance Status Report	October 2020

Appendix 1: Figures



700 SANDTOWN ROAD

700 Sandtown Road
Marietta, Cobb County, Georgia

Job No. 152-018

CONCEPTUAL SITE MODEL FIGURE 1

SEA SAILORS
ENGINEERING
ASSOCIATES, INC.
ENVIRONMENTAL/GEOTECHNICAL
1675 SPECTRUM DRIVE
LAWRENCEVILLE, GEORGIA 30043
(770) 962-5922 FAX 962-7964



Data Sources: 2013 aerial photography courtesy of ESRI Map Services

SEA

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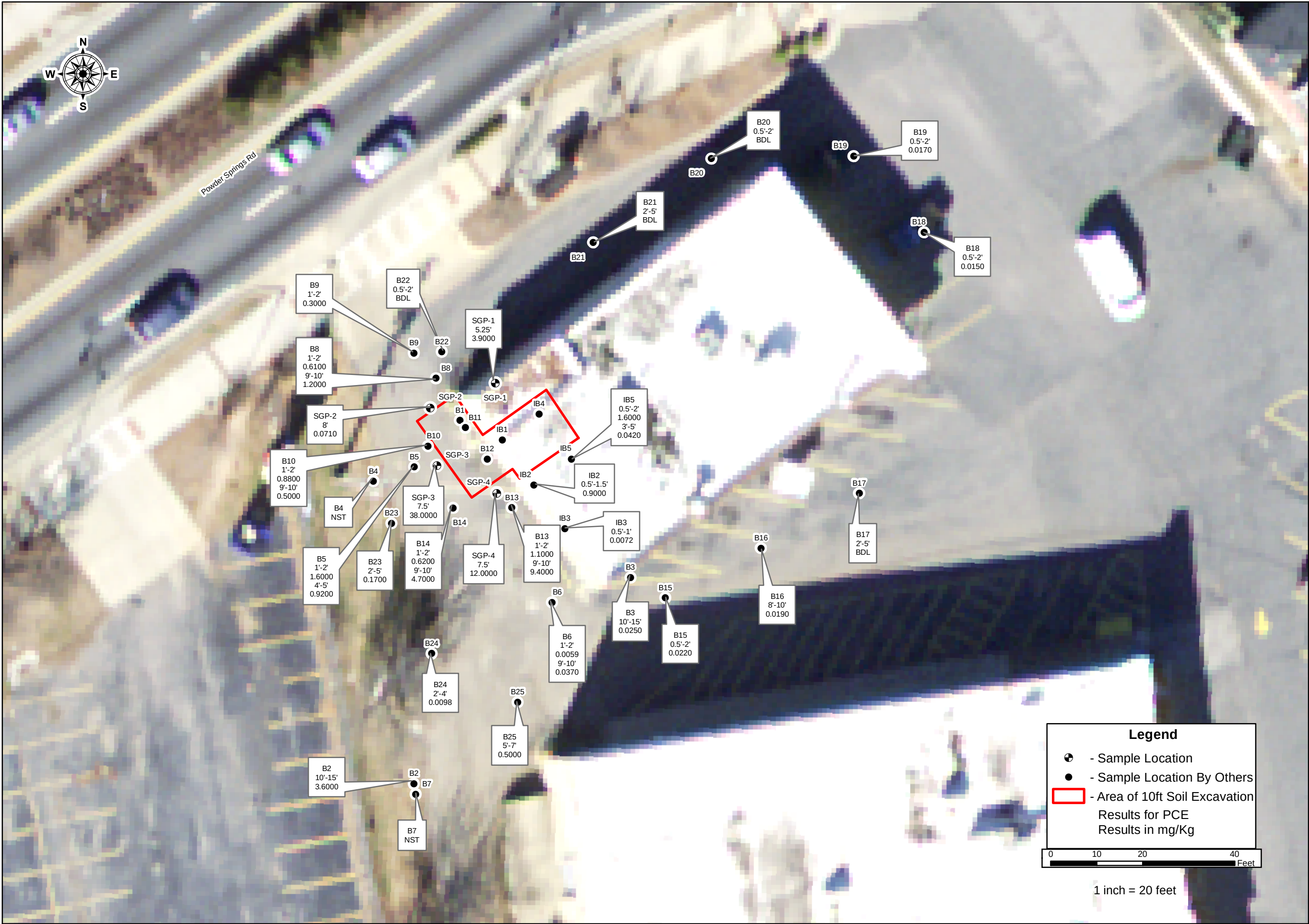
SITE PLAN FIGURE 2

700 SANDTOWN ROAD

700 Sandtown Road
Marietta, Cobb County, Georgia

Job No. 152-018

SEA-2108



Legend

- Sample Location
- Sample Location By Others
- Area of 10ft Soil Excavation

Results for PCE
Results in mg/Kg

0 10 20 40
Feet

1 inch = 20 feet

700 SANDTOWN ROAD

700 Sandtown Road
Marietta, Cobb County, Georgia

Job No. 152-018

SEA-2203

SOIL IMPACT
SUMMARY
FIGURE 3

**SAILORS
ENGINEERING
ASSOCIATES, INC.**
ENVIRONMENTAL/GEOTECHNICAL
1675 SPECTRUM DRIVE
LAWRENCEVILLE, GEORGIA 30043
(770) 962-5922 FAX 962-7964



Powder Springs Rd

MW-1	
Chloroform	<0.005
Tetrachloroethene	5.900
Trichloroethene	0.690
cis-1,2-Dichloroethene	1.400
trans-1,2-Dichloroethene	0.015
Vinyl chloride	0.170
o-Xylene	<0.005
Methyl tert-butyl ether	0.017

MW-1

MW-2	
Chloroform	<0.005
Tetrachloroethene	2.400
Trichloroethene	0.380
cis-1,2-Dichloroethene	2.600
trans-1,2-Dichloroethene	0.036
Vinyl chloride	0.280
o-Xylene	<0.005
Methyl tert-butyl ether	0.018

MW-2

MW-3	
Chloroform	0.0086
Tetrachloroethene	39.000
Trichloroethene	1.000
cis-1,2-Dichloroethene	<0.005
trans-1,2-Dichloroethene	0.033
Vinyl chloride	0.150
o-Xylene	0.0052
Methyl tert-butyl ether	<0.005

MW-3

MW-4

MW-4	
Chloroform	<0.005
Tetrachloroethene	0.190
Trichloroethene	0.120
cis-1,2-Dichloroethene	2.800
trans-1,2-Dichloroethene	0.011
Vinyl chloride	0.044
o-Xylene	<0.005
Methyl tert-butyl ether	<0.005

MW-5

MW-5	
Chloroform	<0.005
Tetrachloroethene	9.400
Trichloroethene	0.600
cis-1,2-Dichloroethene	3.100
trans-1,2-Dichloroethene	0.032
Vinyl chloride	0.095
o-Xylene	<0.005
Methyl tert-butyl ether	0.015

Legend

- MW- Monitoring Well Location
Results in mg/L

0 15 30 60
Feet

1 inch = 30 feet

Data Sources: 2014 aerial photography courtesy of USGS Earth Explorer

SEA

**SAILORS
ENGINEERING
ASSOCIATES, INC.**

ENVIRONMENTAL/GEOTECHNICAL
1675 SPECTRUM DRIVE
LAWRENCEVILLE, GEORGIA 30043
(770) 962-5922 FAX 962-7964

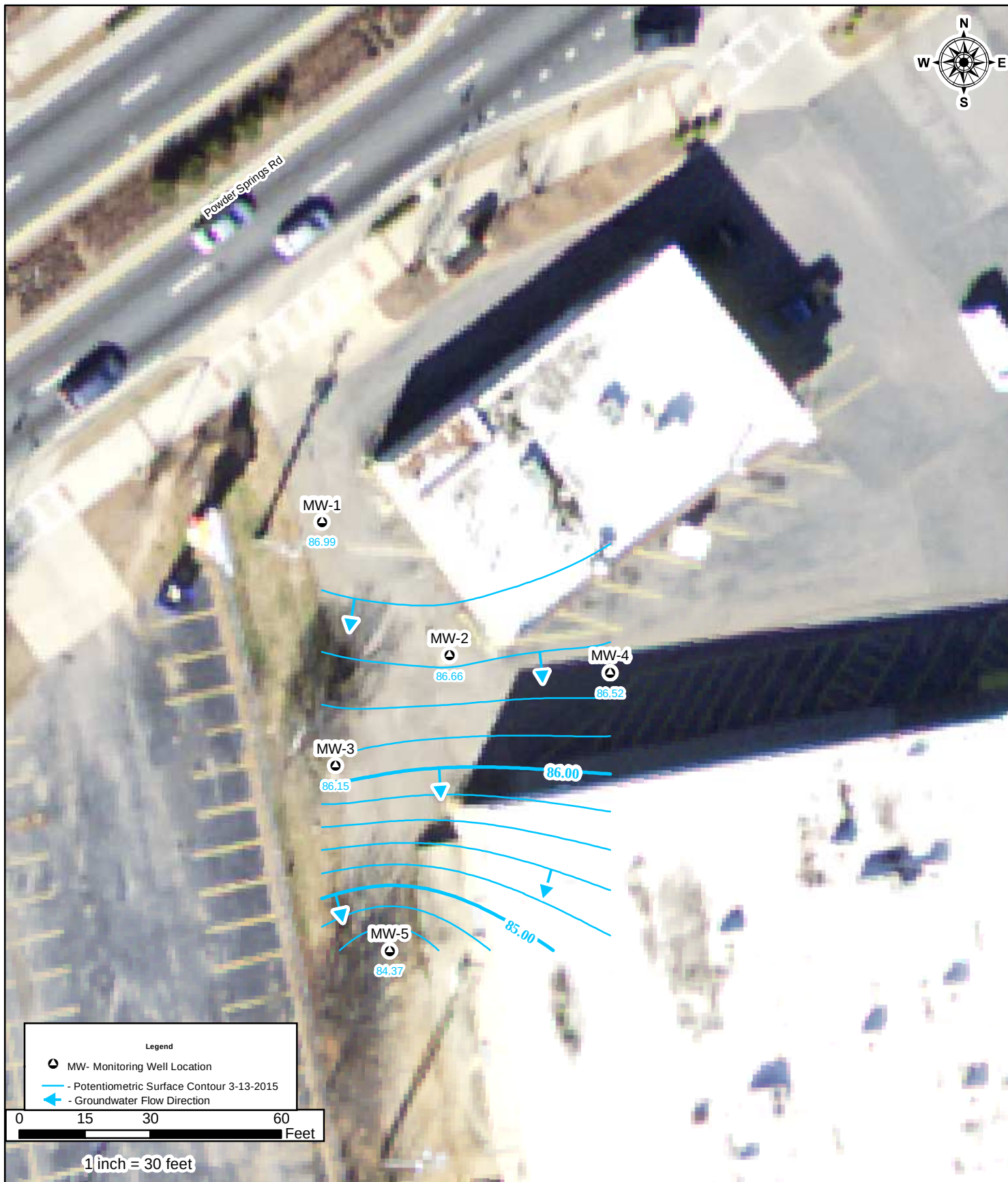
**GROUNDWATER
IMPACT SUMMARY
MARCH 2015
FIGURE 4**

700 SANDTOWN ROAD

700 Sandtown Road
Marietta, Cobb County, Georgia

Job No. 152-018

SEA-2108



Data Sources: 2014 aerial photography courtesy of USGS Earth Explorer

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ASSOCIATES, INC.**

**POTENTIOMETRIC
SURFACE MAP
3/13/2015
FIGURE 5**

700 SANDTOWN ROAD

700 Sandtown Road
Marietta, Cobb County, Georgia

Job No. 152-018

SEA-2108

EX. BLDG A



27.9'

SW-5
PCE 7.4000

SW-5
PCE 7.4000

FL-3
PCE 11.0000

SW-4
PCE 55.0000

FL-4
PCE 220.0000

SW-6
PCE 52.0000

SW-3
PCE 1.5000

SW-2
PCE 66.0000

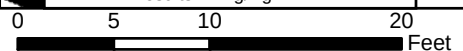
FL-2
PCE 3.2000

SW-1
PCE 0.0610

FL-1
PCE 17.0000

Legend

- 10ft Soil Excavation
- - Confirmation Sample Location
- - 2in Solid PVC Vent Pipe Riser
- ⋯ - 2in Slotted PVC Vent Pipe Results in mg/Kg



1 inch = 10 feet

58.2'

SEA

**SAILORS
ENGINEERING
ASSOCIATES, INC.**

ENVIRONMENTAL/GEOTECHNICAL
1675 SPECTRUM DRIVE
LAWRENCEVILLE, GEORGIA 30043
(770) 962-5922 FAX 962-7964

SOIL EXCAVATION PLAN FIGURE 6

700 SANDTOWN ROAD

700 Sandtown Road
Marietta, Cobb County, Georgia

Job No. 152-018

SEA-2108



Data Sources: 2014 aerial photography courtesy of USGS Earth Explorer

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(770) 962-5922 FAX 962-7964

**SAILORS
ENGINEERING
ASSOCIATES, INC.**

CHEM-OX INJECTION PLAN FIGURE 7

700 SANDTOWN ROAD

700 Sandtown Road
Marietta, Cobb County, Georgia

Job No. 152-018

SEA-2108

Appendix 2: Tables

Summary of Soil Sample Analyses

Westside Cleaners

700 Sandtown Road, Marietta, Georgia

Sea Job#152-018

Sample Location	Date	1,1,2,2-PCA	1,1,2-TCA	1,2-DCA	1,1-DCE	1,2-DCB	1,3-DCB	1,4-DCB	Acetone	Chloromethane	cDCE	Ethylbenzene	Isopropylbenzene	Methylcyclohexane	Methylene Chloride	MIBK	Toluene	PCE	TCE	tDCE	VC	Xylenes	
		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
B1-2-5'	3/22/13	<0.0037	<0.0037	<0.0037	0.0099	<0.0037	<0.0037	<0.0037	0.1100	<0.0074	8.4000	<0.0037	<0.0037	<0.0037	<0.0037	0.0092	<0.0037	<0.0037	<0.0037	0.0690	2.6000	0.0108	
B2-10-15'	3/22/13	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0830	<0.0830	0.2400	<0.0041	<0.0041	<0.0041	<0.0041	<0.0083	<0.0041	3.6000	0.0670	<0.0041	<0.0083	<0.0041	
B3-10-15'	3/22/13	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0850	<0.0850	0.1200	<0.0043	<0.0043	<0.0043	<0.0043	<0.0085	<0.0043	0.0250	0.0064	<0.0043	<0.0085	<0.0043	
IB1-6"-2'		NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0930	NR	NR	NR	NR	NR	NR	17.0000	0.0490	NR	NR	NR	
IB2-6"-18"		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.9000	0.0070	NR	NR	NR	
IB3-6"-12"		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0072	NR	NR	NR	NR	
IB4-6"-2'		NR	NR	NR	NR	NR	NR	NR	NR	NR	0.1000	NR	NR	NR	NR	NR	NR	7.4000	2.0000	NR	NR	NR	
IB4-3'-5'		NR	NR	NR	NR	NR	NR	NR	NR	NR	15.0000	NR	NR	NR	NR	NR	NR	120.0000	2.0000	0.0270	0.0320	NR	
IB5-6"-2'		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.6000	NR	NR	NR	NR	
IB5-3'-5'		NR	NR	NR	NR	NR	NR	NR	NR	NR	3.7000	NR	NR	NR	NR	NR	NR	0.0420	NR	0.0270	0.0530	NR	
B5-1-2'	4/23/13	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0910	<0.0091	0.1500	0.0060	<0.0046	<0.0046	<0.0046	<0.0091	<0.0046	1.6000	0.0650	<0.0046	<0.0091	<0.0046	
B5-4-5'	4/23/13	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0810	<0.0081	0.0370	<0.0041	<0.0041	<0.0041	<0.0041	<0.0081	<0.0041	0.9200	0.0210	<0.0041	<0.0081	<0.0041	
B6-1-2'	4/23/13	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0670	<0.0067	0.0790	<0.0033	<0.0033	<0.0033	<0.0033	<0.0067	<0.0033	0.0059	0.0150	<0.0033	<0.0067	<0.0033	
B6-9-10'	4/23/13	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0700	<0.0070	0.0081	<0.0035	<0.0035	<0.0035	<0.0035	<0.0070	<0.0035	0.0370	<0.0035	<0.0035	<0.0070	<0.0035	
B8-1-2'	4/23/13	<0.0033	<0.0033	<0.0033	0.0050	<0.0033	<0.0033	<0.0033	<0.0660	<0.0066	6.0000	0.0044	<0.0033	<0.0033	<0.0033	<0.0066	<0.0033	0.6100	0.0590	0.0480	0.6600	0.0102	
B8-9-10'	4/23/13	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0650	<0.0065	0.8100	<0.0032	<0.0032	<0.0032	<0.0032	<0.0065	<0.0032	1.2000	0.7000	0.0097	0.1100	<0.0032	
B9-1-2'	4/23/13	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0810	<0.0081	0.3000	<0.0040	<0.0040	<0.0040	<0.0040	<0.0081	<0.0040	0.3000	<0.0040	<0.0040	0.0290	<0.0040	
B10-1-2'	4/23/13	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0710	<0.0071	0.9100	<0.0036	<0.0036	<0.0036	<0.0036	<0.0071	<0.0036	0.8800	0.0590	<0.0036	<0.0071	<0.0036	
B10-9-10'	4/23/13	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0880	<0.0088	0.0110	<0.0044	<0.0044	<0.0044	<0.0044	<0.0088	<0.0044	0.5000	0.0160	<0.0044	<0.0088	<0.0044	
B11-1-2'	4/23/13	<0.0028	<0.0028	<0.0028	<0.0028	0.0470	<0.0028	0.0075	<0.0560	<0.0056	0.7000	<0.0028	<0.0028	<0.0028	<0.0028	<0.0056	<0.0028	230.0000	1.1000	<0.0028	<0.0056	<0.0028	
B11-9-10'	4/23/13	<0.2500	<0.2500	<0.2500	<0.2500	<0.2500	<0.2500	<0.2500	<5.0000	<0.5000	1.0000	<0.2500	<0.2500	<0.2500	<0.2500	<0.5000	<0.2500	9.6000	0.5800	<0.2500	<0.5000	<0.2500	
B12-1-2'	4/23/13	<0.2000	<0.2000	<0.2000	<0.2000	<0.2000	<0.2000	<0.2000	<4.1000	<0.4100	<0.2000	<0.2000	<0.2000	<0.2000	<0.2000	<0.4100	<0.2500	9.7000	<0.2000	<0.2000	<0.4100	<0.2000	
B12-9-10'	4/23/13	<0.0043	<0.0043	<0.0043	<0.0043	3.8000	<0.0043	<0.0043	<0.8600	<0.0860	7.0000	1.6000	5.1000	<0.0043	<0.0043	<0.0086	<0.0043	8500.0000	<0.0043	0.0340	<0.0086	<0.0031	
B13-1-2'	4/23/13	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.0620	<0.0062	0.0390	<0.0031	<0.0031	<0.0031	<0.0031	<0.0062	<0.0031	1.1000	0.0310	<0.0031	<0.0062	<0.0031	
B13-9-10'	4/23/13	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0840	<0.0084	1.5000	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	9.4000	0.5900	0.0100	0.0340	<0.0042	
B14-1-2'	4/23/13	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.1100	<0.0110	0.4000	<0.0053	<0.0053	<0.0053	<0.0053	<0.0110	<0.0053	0.6200	0.2100	<0.0053	<0.0110	<0.0053	
B14-9-10'	4/23/13	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0860	<0.0086	0.2500	<0.0043	<0.0043	<0.0043	<0.0043	<0.0086	<0.0043	4.7000	0.1300	<0.0043	<0.0086	<0.0043	
B15-6"-2'			NR	NR	NR	NR	NR	NR	NR	NR	0.0380	NR	NR	NR	NR	NR	NR	0.0220	NR	NR	NR	NR	
B16-8-10'			NR	NR	NR	NR	NR	NR	NR	NR	0.0930	NR	NR	NR	NR	NR	NR	0.0190	NR	NR	NR	NR	
B-17-2-5'			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
B18-6"-2'			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0150	NR	NR	NR	NR	
B19-6"-2'			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0170	NR	NR	NR	NR	
B20-6"-2'			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
B21-2-5'			NR	NR	NR	NR	NR	NR	NR	NR	0.0430	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0230	NR	
B22-6"-2'			NR	NR	NR	NR	NR	NR	NR	NR	0.0120	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0290	NR	
B23-2-5'			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.1700	NR	NR	NR	NR	
B24-2-4'			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0098	NR	NR	NR	NR	
B25-5-7'			NR	NR	NR	NR	NR	NR	NR	NR	0.0300	NR	NR	NR	NR	NR	NR	0.5000	0.0210	NR	0.0290	NR	
IP-3 5'	6/1/15	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.1200	<0.0120	0.0270	<0.0061	<0.0061	<0.0061	<0.0061	0.0650	<0.0120	<0.0061	<0.0061	0.0210	0.1600	<0.0061	
IP-3 8'	6/1/15	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.1000	<0.0100	1.5000	0.0064	0.0066	<0.0052	0.1100	<0.0100	0.0057	0.0870	<0.0052	0.5000	0.4800	0.0075	
FL-1	6/19/15	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.1000	<0.0100	1.8000	<0.0052	<0.0052	<0.0052	<0.0052	<0.0210	<0.0100	<0.0052	17.0000	0.4100	0.0069	<0.0100	<0.0052
FL-2	6/19/15	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.1100	<0.0110	4.4000	<0.0053	<0.0053	<0.0053	<0.0053	<0.0210	<0.0110	<0.0053	3.2000	0.5100	0.0830	0.0700	<0.0053
FL-3	6/23/15	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	0.1400	<0.0100	2.1000	<0.0052	<0.0052	<0.0052	<0.0052	0.0370	<0.0100	<0.0052	11.0000	0.7300	0.0065	<0.0100	<0.0052
FL-4	6/23/15	<0.0048	<0.0048	<0.0048	<0.0048	0.5800	0.0200	0.0720	<0.0950	<0.0950	0.2900	0.0930	0.4800	<0.0048	<0.0190	<0.0095	<0.0048	220.0000	0.5100	<0.0048	<0.0095	0.4300	
SW-1	6/19/15	0.0067	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.1100	<0.0110	13.0000	<0.0055	<0.0055	<0.0055	<0.0055	<0.0220	<0.0110	<0.0055	0.0610	0.0150	0.1200	0.0810	<0.0055
SW-2	6/19/15	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.1100	<0.0110	2.1000	<0.0057	<0.0057	<0.0057	<0.0057	<0.0230	<0.0110	<0.0057	66.0000	1.7000	<0.0057	0.0170	<0.0057
SW-3	6/19/15	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.1000	<0.0100	15.0000	<0.0051	<0.0051	<0.0051	<0.0								

Summary of Groundwater Sample Analyses
Westside Cleaners
700 Sandtown Road, Marietta, Georgia
Sea Job#152-018

Sample Location	Date	1,1-DCE	cDCE	Chloroform	Ethylbenzene	MTBE	PCE	Toluene	TCE	tDCE	VC	Xylenes
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
B1	3/22/13	<0.0050	2.400	<0.0050	<0.0050	0.014	2.500	<0.005	0.590	0.040	0.370	<0.005
B2	3/22/13	<0.0050	0.510	0.013	<0.0050	<0.0050	85.000	<0.005	0.018	0.009	0.025	<0.005
B3	3/22/13	<0.0050	7.700	0.0096	<0.0050	<0.0050	9.100	<0.005	1.000	0.079	0.042	<0.005
MW-1	4/26/13	0.0050	2.1000	<0.0050	0.0060	<0.0050	6.3000	0.0082	0.7400	0.0030	0.4300	0.0162
	3/13/15	<0.0050	1.400	<0.0050	<0.0050	0.017	5.900	<0.005	0.690	0.015	0.170	<0.005
MW-2	4/26/13	<0.0050	1.4000	<0.0050	<0.0050	0.0100	1.9000	<0.005	0.2400	0.0020	0.1900	<0.005
	3/13/15	<0.0050	2.600	<0.0050	<0.0050	0.018	2.400	<0.005	0.380	0.036	0.280	<0.005
MW-3	4/26/13	0.0069	3.9000	0.0130	<0.0050	0.0054	40.0000	<0.005	0.9100	0.0045	0.3300	<0.005
	3/16/15	<0.0050	<0.005	0.0086	<0.0050	<0.0050	39.000	<0.005	1.000	0.033	0.150	0.005
MW-4	3/13/15	<0.0050	2.800	<0.0050	<0.0050	<0.0050	0.190	<0.005	0.120	0.011	0.044	<0.005
MW-5	3/16/15	<0.0050	3.100	<0.0050	<0.0050	0.015	9.400	<0.005	0.600	0.032	0.095	<0.005

Appendix 3: Warranty Deed and Tax Map

Deed Book 14494 Pg 4186
Filed and Recorded May-30-2007 11:09am
2007-0085480
Real Estate Transfer Tax \$5,650.00

Jay C. Stephenson
Jay C. Stephenson
Clerk of Superior Court Cobb Cty. Ga.

(3) 14
Mail
Smith, Gambrell & Russell
Suite 3100
1230 Peachtree St. NE
Atlanta, GA 30309

This instrument prepared by and after recording return to:

Allan G. Overton, Esq. Hall & Overton, LLC, 4133 Admiral Way, Suite 100, Atlanta, GA 30341

LIMITED WARRANTY DEED

THIS INDENTURE is made as of the 28th day of May, 2007 by and between **NAM PROPERTY, LLC**, a California limited liability company, as party of the first part, hereinafter referred to collectively as "Grantor," and **YNH PROPERTIES, LLC**, a Georgia limited liability company, as party of the second part, hereinafter referred to as "Grantee," the words "Grantor" and "Grantee" to include the neuter, masculine and feminine genders, the singular and the plural.

WITNESSETH:

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) in hand paid and other good and valuable consideration delivered to Grantor by Grantee at and before the execution, sealing and delivery hereof, the receipt and sufficiency of which is hereby acknowledged, Grantor has and hereby does grant, bargain, sell and convey unto Grantee and the heirs, legal representatives, successors and assigns of Grantee the following described property:

All that tract or parcel of land lying and being in Land Lots 213 and 214 of the 17th District 2nd Section, Cobb County, Georgia being more particularly described on Exhibit "A" attached hereto and incorporated by reference herein.

TO HAVE AND TO HOLD the Property, together with any and all of the rights, members and appurtenances thereof, to the same being, belonging or in anywise appertaining to the only proper use, benefit and behoof of the Grantee and the heirs, legal representatives, successors and assigns of Grantee forever IN FEE SIMPLE.

GRANTOR SHALL WARRANT and forever defend the right and title to the Property unto the Grantee and the heirs, legal representatives, successors and assigns of Grantee against the claims of all persons whomsoever claiming by, through or under Grantor subject to those matters shown on Exhibit B attached hereto and incorporated by reference herein.

IN WITNESS WHEREOF, the Grantor has signed and sealed this deed as of the day and year first above written.

Signed, sealed and delivered
in the presence of :

**NAM PROPERTY, LLC, a California limited liability
company**

Allen G. Brooks
Witness

By: *Joong Hyun Nam* [SEAL]
Joong Hyun Nam, Manager

David James Burge
Notary Public
[Affix Notarial Seal]



EXHIBIT "A"

All that tract or parcel of land lying and being in Land Lots 213 and 214 of the 17th District, 2nd Section of Cobb County, Georgia, and being more particularly described as follows:

BEGINNING at a point on the southwesterly right-of-way line of Sandtown Road (a variable right-of-way at said point) at the most easterly angle of the mitered corner formed by the intersection of the southwesterly right-of-way line of Sandtown Road with the southeasterly right-of-way line of Powder Springs Road (a 100-foot right-of-way); running thence southeasterly along the southwesterly right-of-way line of Sandtown Road, the following courses and distances: south 19 degrees 03 minutes 20 seconds east, 126.63 feet to a point; south 10 degrees 57 minutes 35 seconds east, 151.19 feet to a point; south 11 degrees 41 minutes 05 seconds east, 258.70 feet to a point; and, south 09 degrees 46 minutes 08 seconds east, 431.06 feet to an iron pin set; thence leaving the southwesterly right-of-way line of Sandtown Road and running south 81 degrees 55 minutes 10 seconds west, 280.00 feet to an iron pin set; running thence north 13 degrees 17 minutes 58 seconds west, 457.37 feet to a point; running thence north 16 degrees 05 minutes 26 seconds west, 337.36 feet to an iron pin found on the southeasterly right-of-way line of Powder Springs Road; running thence north 50 degrees 13 minutes 56 seconds east along the southeasterly right-of-way line of Powder Springs Road, 346.38 feet to a point; running thence south 69 degrees 47 minutes 26 seconds east, along the right-of-way line of the mitered corner formed by the intersection of the southeasterly right-of-way line of Powder Springs Road and the southwesterly right-of-way line of Sandtown Road, 15.00 feet to the **POINT OF BEGINNING**; and being a tract or parcel of land containing 6.267 acres and having located thereon (i) a one-story concrete block and frame building (shopping center), (ii) a one-story concrete block building (cleaners), and (iii) a one-story brick building (Pizza Hut), according to a plat of survey prepared for CHK & Associates, Inc., The Summit National Bank and First American Title Insurance Company by McClung Surveying Services, Inc., bearing the seal and certification of Michael R. Noles, Georgia Registered Land Surveyor No. 2646, dated May 31, 2002.



Map Notes:

0.1 0 0.05 0.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere
© Cobb County Georgia

1: 3,000



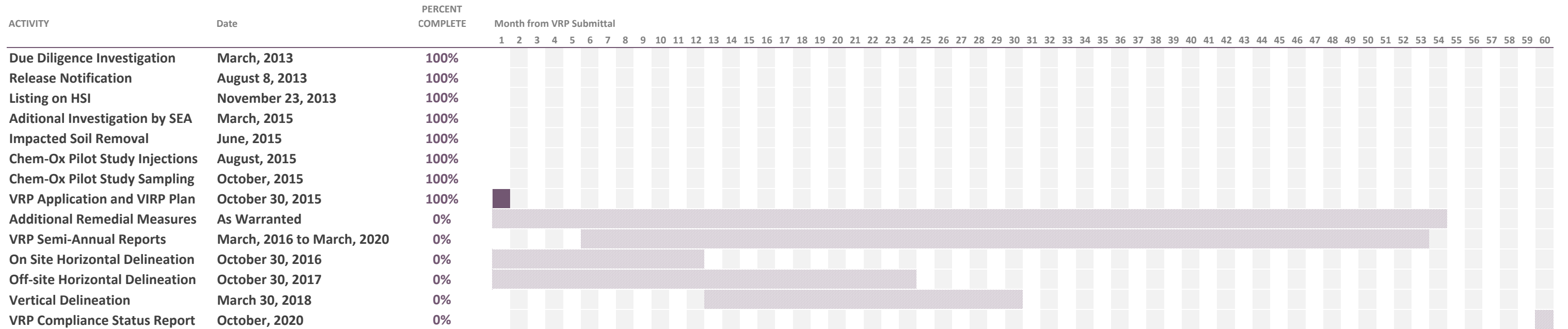
This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

Appendix 4: Milestone Schedule Gantt Chart

Former Westside Cleaners
700 Sandtown Road
HSI# 10927
SEA Job No. 152-018

Plan Actual % Complete Actual (beyond plan) % Complete (beyond plan)

Gantt Chart - October 2015



Appendix 5: Boring Logs, Well Construction Diagrams and Well Purging Logs

L O G O F B O R I N G

SHEET 1 OF 2
BORING NO.

CONTRACTED WITH: YNH Properties, LLC

B-1

PROJECT NAME: Westside Cleaners

JOB NO.
152-018

DATE:
04/09/15

LOCATION: 700 Sandtown Rd SW, Marietta, GA; Cobb County

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
	Surface cover - 2" asphaltic concrete					
	Brown sand with a little silt (fill)	1				Drilling medium
	Brown sandy silt (fill)	2				Drilling soft
	Grey silty clay with a trace of sand	3				
		4				
		5				
		6	1	SS	1-2-3	Drilling medium
		7				
	Light brown silty sand (fill)	8	2	SS	4-4-4	
		9				Drilling soft
		10				
	Brown sandy silt (residuum)	11	3	SS	1-2-3	Drilling medium
		12				
	Brown/grey silty clay with some sand (saprolite)	13	4	SS	4-6-8	
		14				
		15				
		16	5	SS	4-6-8	Water table at 0 hr
		17				Drilling soft
	Grey/white sand with some silt (saprolite)	18	6	SS	1-2-4	Drilling medium
		19				Drilling soft
		20				
		21	7	SS	1-2-3	Drilling medium
		22				
		23	8	SS	3-4-7	
		24				
	Grey/white silty sand (saprolite)	25	9	SS	2-3-4	
		26				
		27				
		28	10	SS	2-4-6	
		29				
	Brown sand with some silt (saprolite)	30				
		31	11	SS	5-8-10	
		32				
	Brown/grey sand with some silt (saprolite)	33	12	SS	3-4-6	
		34				
		35				
		36	13	SS	3-5-6	
		37				
		38				
		39	14	SS	3-4-5	
		40				

SEA

L O G O F B O R I N G

SHEET 2 OF 2
BORING NO.
B-1

CONTRACTED WITH: YHN Properties, LLC

JOB NO. DATE:
152-018 04/09/15

PROJECT NAME: Westside Cleaners

LOCATION: 700 Sandtown Rd SW, Marietta, GA; Cobb County

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
	Brown/grey sand with some silt (saprolite)	41				Drilling medium
		42				
	Grey sand with some silt (saprolite)	43				Drilling firm
		44	15	SS	5-8-10	
		45				
		46				
		47				Note: hole plugged at 33.2 ft at 0 hr(s)
		48				
		49	16	SS	7-8-9	
	Boring terminated at 50.0 feet	50				
		51				
		52				
		53				
		54				
		55				
		56				
		57				
		58				
		59				
		60				
		61				
		62				
		63				
		64				
		65				
		66				
		67				
		68				
		69				
		70				
		71				
		72				
		73				
		74				
		75				
		76				
		77				
		78				
		79				
		80				

SEA

L O G O F B O R I N G

SHEET 1 OF 1
BORING NO.
MW-4

CONTRACTED WITH: YNH Properties, LLC

PROJECT NAME: Westside Cleaners

JOB NO. DATE:
152-018 03/12/15

LOCATION: 700 Sandtown Rd SW, Marietta, GA; Cobb County

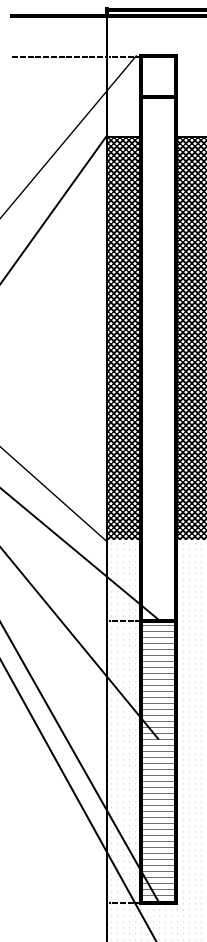
ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
	Surface cover - 6" asphaltic concrete					
	Brown sand with a little silt (fill)	1				
		2				
	Reddish brown sandy silt (fill)	3				
		4				
		5				
		6				
		7				
	Reddish brown sand with some silt (residual)	8				
		9				
		10				
		11				
		12				
		13				
	Light brown sandy silt (saprolite)	14				
		15				
		16				
		17				
		18				
		19				
		20				
	Well set at 20.0 feet	21				
		22				
		23				
		24				
		25				
		26				
		27				
		28				
		29				
		30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

Well # MW-4

City/Co./State: Marietta/Cobb County/Georgia

Elevation Data	TOC	Elev.
TOC	0	100.44
Top of Grout	--	--
Top of Seal	1.5	98.94
Top of Sand	8	92.44
Top of Screen	10	90.44
Groundwater	13.92	86.52
Bottom of Screen	20	80.44
Total Depth	20	80.44



Bags Used 8

Remarks :	Installed 3/12/2015
-----------	---------------------

L O G O F B O R I N G

SHEET 1 OF 1
BORING NO.
MW-5

CONTRACTED WITH: YNH Properties, LLC

PROJECT NAME: Westside Cleaners

JOB NO.
152-018

DATE:
03/12/15

LOCATION: 700 Sandtown Rd SW, Marietta, GA; Cobb County

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
	Surface cover - 6" asphaltic concrete					
	Brown sand with a trace of silt (fill)	1				
	Reddish brown silt with a trace of sand (fill)	2				
		3				
		4				
		5				
		6				
		7				
		8				
		9				
		10				
		11				
	Brown sand with a little silt (saprolite)	12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
	Well set at 20.0 feet	21				
		22				
		23				
		24				
		25				
		26				
		27				
		28				
		29				
		30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

Sailors Engineering Associates, Inc.

Well Construction Diagram

Well # MW-5

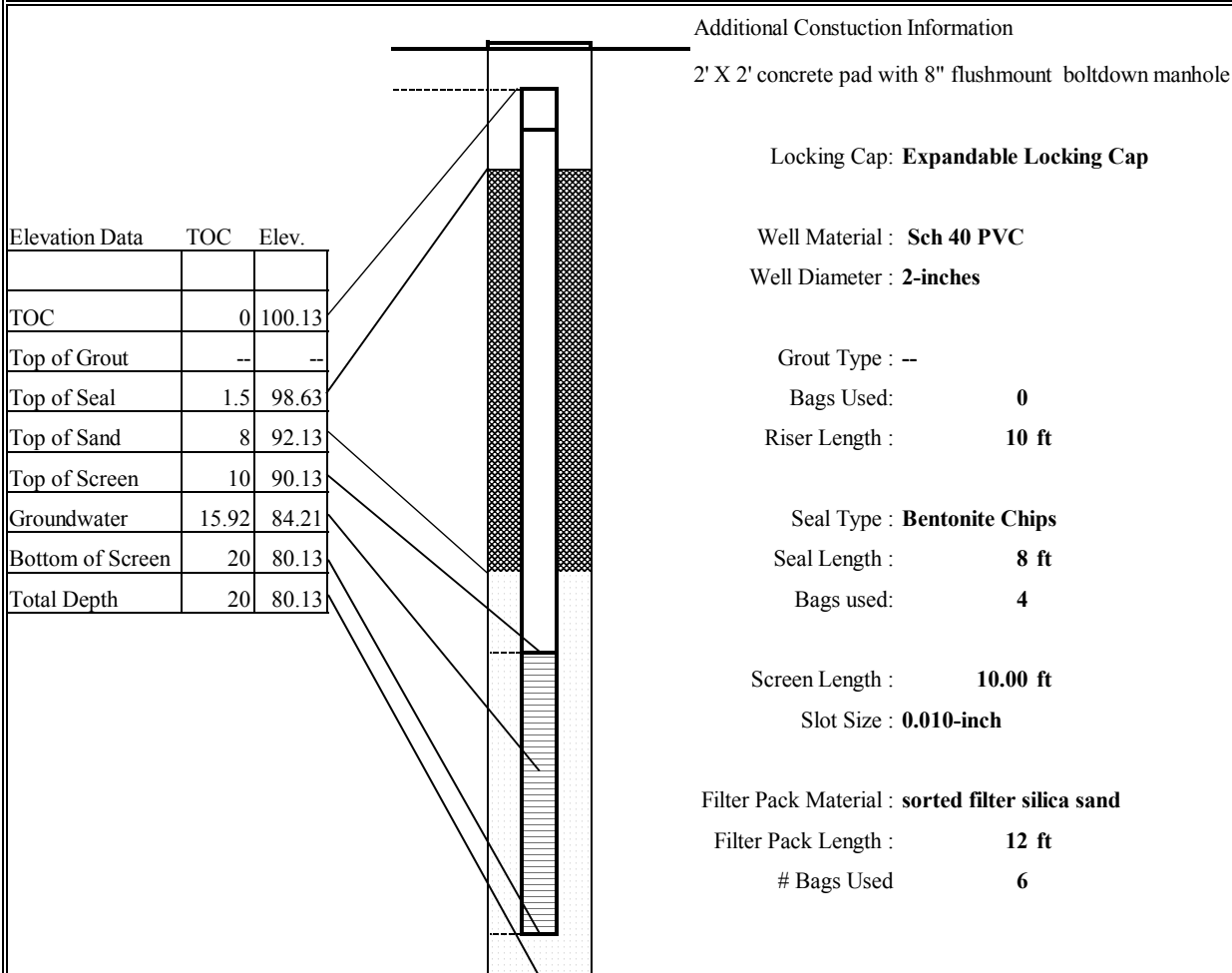
Client: YNH Properties LLC

Project Name/Number: 700 Sandtown Rd / 152-018

HSI #: 10927

Street: 700 Sandtown Rd

City/Co./State: Marietta/Cobb County/Georgia



Survey: M. Short & S. Lazarri

Elevation: 100.13

Date: 3/13/2015

Well Development : yes

Approximately 7.5 gallons removed using a Hurricane submersible pump.
Pump installed to just above the bottom of the well and accumulated silts and sands then agitated to put silts and sands into solution for removal by the pump. The well was developed dry

Groundwater Level : 15.92' TOC (16.08' bgs)

Date : 3/13/2015

Groundwater Sampling : VOCs (8260B) only

Date : 3/16/2015

Remarks : Installed 3/12/2015

L O G O F B O R I N G

SHEET 1 OF 1
BORING NO.
SGP-1

CONTRACTED WITH: YNH Properties, LLC

JOB NO. DATE:
152-018 07/15/15

PROJECT NAME: Westside Cleaners

LOCATION: 700 Sandtown Rd SW, Marietta, GA; Cobb County

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
	Surface cover - 6" asphaltic concrete					
	Reddish brown sand with a trace of silt (fill)	1				Boring installed at an angle to obtain sample from beneath the building
		2				
	Grey clayey silty sand with a little organics (fill)	3				
		4				
		5				
	Brown sand with a little silt and a trace of organics (fill)	6				
		7				
		8				
		9				
	Boring terminated at 9.0 feet	10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				
		26				
		27				
		28				
		29				
		30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

L O G O F B O R I N G

SHEET 1 OF 1
BORING NO.
SGP-2

CONTRACTED WITH: YNH Properties, LLC

PROJECT NAME: Westside Cleaners

JOB NO. DATE:
152-018 07/15/15

LOCATION: 700 Sandtown Rd SW, Marietta, GA; Cobb County

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
	Surface cover - 6" asphaltic concrete					
	Brown/dark brown sand with some silt and a trace of organics (fill)	1				
		2				
	Grey clayey silty sand with a trace of organics (fill)	3				
		4				
		5				
	Brown sand with a little silt (fill)	6				
		7				
		8				
		9				
	Boring terminated at 10.0 feet	10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
		21				
		22				
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		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

L O G O F B O R I N G

SHEET 1 OF 1
BORING NO.
SGP-3

CONTRACTED WITH: YNH Properties, LLC

PROJECT NAME: Westside Cleaners

JOB NO. DATE:
152-018 07/15/15

LOCATION: 700 Sandtown Rd SW, Marietta, GA; Cobb County

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
	Surface cover - 6" asphaltic concrete					
	Brown sand with a little silt (fill)	1				
		2				
		3				
		4				
		5				
		6				
		7				
		8				
	Reddish brown sand with a little silt (residual)	9				
		10				
	Boring terminated at 10.0 feet	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				
		26				
		27				
		28				
		29				
		30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

L O G O F B O R I N G

SHEET 1 OF 1
BORING NO.
SGP-4

CONTRACTED WITH: YNH Properties, LLC

JOB NO. DATE:
152-018 07/15/15

PROJECT NAME: Westside Cleaners

LOCATION: 700 Sandtown Rd SW, Marietta, GA; Cobb County

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES			NOTES
			No.	TYPE	BLOWS/6"	
	Surface cover - 6" asphaltic concrete					
	Brown sand with a little silt (fill)	1				
		2				
	Grey clayey silty sand (fill)	3				
		4				
		5				
	Brown sand with a little silt (fill)	6				
		7				
		8				
	Reddish brown sand with a little silt (residual)	9				
	Boring terminated at 10.0 feet	10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
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		38				
		39				
		40				

SEA

Sailors Engineering Associates, Inc
Low Flow Groundwater Sampling Log

Project No: 52-018 Project Name: 700 Sand Town
Project Manager: Heller Well No: mw-1 Date: 3-16-15
Well Depth: 22 Screened Interval / Length: ? / Well Diameter: 2" Casing Type: PVC
Sampling Device (s): Tubing Type: 4 Water Level: 13.65
Pump Intake Depth: Pump Type: peristaltic Gotech Pumping Rate: 25 ML/min
Other Information:

Sampling Personnel: _____

± 5% 0.2 mg/L or ± 10% ± 0.1 ± 10% ± 10% per USEPA Region 4 (10-28-2011)

[illegible]

Analyses & Time of Sampling: _____

Low Flow Groundwater Sampling Log

Project No: 152-018 Project Name: 700 Sandtown

Project Manager: Halter Well No: mw-2 Date: 3-13-15

Well Depth: 219 Screened Interval / Length: _____ / _____ Well Diameter: 2" Casing Type: PKC

Sampling Device (s): Paristatic Tubing Type: _____ Water Level: 12.96

Pump Intake Depth: _____ Pump Type: _____ Pumping Rate: 1 m-333 mL

Other Information: _____

Sampling Personnel: _____

± 5% 0.2 mg/L or ± 10% ± 0.1 ± 10% ± 10% per USEPA Region 4 (10-28-2011)

Time	Temperature (°C/°F)	Conductivity (mS/cm or µS/cm)	Dissolved Oxygen (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Water Level [TOC] (feet)	Cumulative Volume Purged (gallons)	Notes
0	18.85	0.121	2.21	4.37	621.0	15.2	12.85	.5	
10	18.83	0.120	1.38	4.38	621.9	11.7	12.81	.75	
20	18.77	0.118	3.32	4.37	619.8	10.4	12.80	1.0	
30	18.22	0.118	4.28	4.30	622.6	8.1	12.75	1.5	
35	18.20	0.119	4.43	4.23	627.8	7.0	12.75	2.0	
40	18.18	0.119	4.10	4.06	636.3	7.2	12.75	3.5	
45	18.87	0.118	3.87	4.05	636.5	5.7	12.75	4.0	
50	18.76	0.119	3.50	4.20	628.9	8.2	12.75	4.5	
55	18.76	0.119	3.48	4.22	626.4	7.5	12.75	5.0	
60	18.70	0.119	3.45	4.21	628.7	5.8	12.75	5.25	
Sampled		14.12							

Analyses & Time of Sampling: _____

Low Flow Groundwater Sampling Log

Other Information: _____

Sampling Personnel: _____

± 5%	0.2 mg/L or ± 10%	± 0.1	± 10%	± 10%	per USEPA Region 4 (10-28-2011)
------	-------------------	-------	-------	-------	---------------------------------

[illegible]

Analyses & Time of Sampling: _____

mw-4
13.92
mw-5
16.04
mw-3
12.46
mw-2
12.96
mw-1
13.66

Sailors Engineering Associates, Inc
Low Flow Groundwater Sampling Log

Project No: 152-018 Project Name: 700 Sand Trap

Project Manager: Holler Well No: mw-4 Date: 3-13-15

Well Depth: 20' Screened Interval / Length: 10' / 20' Well Diameter: 2" Casing Type: PVC

Sampling Device (s): Peristaltic Tubing Type: 4 Water Level: 13.92

Pump Intake Depth: 19' Pump Type: Geotech-GeoPump Pumping Rate: 1m-300mL

Other Information: _____

Sampling Personnel: _____

± 5%	0.2 mg/L or ± 10%	± 0.1	± 10%	± 10%	per USEPA Region 4 (10-28-2011)
------	-------------------	-------	-------	-------	---------------------------------

[illegible]

Analyses & Time of Sampling: _____

Sailors Engineering Associates, Inc.
Low Flow Groundwater Sampling Log

Project No: 152-018 Project Name: 700 Sand
Project Manager: _____ Well No: mw-5 Date: 3-15-15
Well Depth: 20 Screened Interval / Length: 10 / 20 Well Diameter: 2" Casing Type: PVC
Sampling Device (s): _____ Tubing Type: _____ Water Level: _____
Pump Intake Depth: _____ Pump Type: 25 hp - Triax Pumping Rate: 25 gpm
Other Information: _____

Sampling Personnel: _____

		± 5%	0.2 mg/L or ± 10%	± 0.1	± 10%	± 10%	± 10%	per USEPA Region 4 (10-28-2011)	
Time	Temperature (°C/°F)	Conductivity (mS/cm or µS/cm)	Dissolved Oxygen (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Water Level [TOC] (feet)	Cumulative Volume Purged (gallons)	Notes
0	19.23	0.134	15.42	4.72	496.9	25	16.00	0.25	
10	19.24	0.135	6.32	4.76	561.8	16	15.89	1.0	
20	19.55	0.135	5.28	4.75	568.5	10.7	15.89	1.5	
30	19.72	0.136	4.60	4.74	570.8	8.8	15.85	2.0	
35	19.89	0.136	4.46	4.75	570.1	7.2	15.84	2.25	
40	19.98	0.136	4.51	4.75	574.1	6.4	15.84	2.50	
45	19.99	0.137	4.52	4.75	572.1	5.5	15.84	2.75	
Sampled 11.16									

Analyses & Time of Sampling: _____

Appendix 6: Laboratory Data Reports



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

April 30, 2013

Tom Harper
ETRI
4780 Ashford Dunwoody, Suite A-456
Atlanta GA 30338

TEL: (770) 888-8181
FAX: (770) 888-8188

RE: Westside Cleaners

Dear Tom Harper:

Order No: 1304L26

Analytical Environmental Services, Inc. received 18 samples on 4/23/2013 6:41:00 PM for the analyses presented in following report.

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

AES' certifications are as follows:

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

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

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

Nicole Jessup
Project Manager

CHAIN OF CUSTODY

Work Order: 304124

Date: 4/23/13 Page 1 of 2

COMPANY:		ADDRESS:		PHONE:		FAX:		SIGNATURE:		DATE/TIME RECEIVED BY		DATE/TIME RECEIVED BY		RELINQUISHED BY		ANALYSIS REQUESTED		VISIT OUR WEBSITE		NO # OF CONTAINERS	
ETRI		4780Aldford Drummondville QC		770 888-8181		770 888-8188		Tom Hogg		4/23/13 16:41		4/23/13 16:41		Thom Hogg		No CS		www.aesatlanta.com			
SAMPLE ID		SAMPLED		COMPOSITE		MATRIX															
#		DATE	TIME	GRAB																	
1	B5-1-2'	4/23/13	1146	X			SO														
2	B5-4-5'	4/23/13	1152	X			SO														
3	B6-1-2'	4/23/13	1243	X			SO														
4	B6-9-10'	4/23/13	1250	X			SO														
5	B8-1-2'	4/23/13	1512	X			SO														
6	B8-9-10'	4/23/13	1524	X			SO														
7	B9-1-2'	4/23/13	1538	X			SO														
8	B10-1-2'	4/23/13	1556	X			SO														
9	B10-9-10'	4/23/13	1604	X			SO														
10	B11-1-2'	4/23/13	1625/1610	X			SO														
11	B11-9-10'	4/23/13	1618	X			SO														
12	B12-1-2'	4/23/13	1625	X			SO														
13	B12-9-10'	4/23/13	1632	X			SO														
14	B13-1-2'	4/23/13	1643	X			SO														
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		OUT / / VIA:		IN / / VIA:		CLIENT FedEx UPS MAIL COURIER		GREYHOUND OTHER		INVOICE TO:		(IF DIFFERENT FROM ABOVE)		SEND REPORT TO:		SITE ADDRESS:		PROJECT NAME:	
																		Westside Cleaners		Project #: 700 Sand town Road, Moreland GA	
																		Turnaround Time Request		Total # of Containers	
																		Standard 5 Business Days		Receipt	
																		2 Business Day Rush		E-mail? Y N; Fax? Y N	
																		Next Business Day Rush		DATA PACKAGE: I II III IV	
																		Same Day Rush (auth req.)		STATE PROGRAM (if any):	
																		Other		E-mail? Y N; Fax? Y N	
																				TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.	

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.
 PRESERVATION CODES: A = Air GW = Groundwater SB = 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

Analytical Environmental Services, Inc
Date: 30-Apr-13

Client: ETRI
Project Name: Westside Cleaners
Lab ID: 1304L26-001

Client Sample ID: B5-1-2'
Collection Date: 4/23/2013 11:46:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,1,2,2-Tetrachloroethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,1,2-Trichloroethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,1-Dichloroethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,1-Dichloroethene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,2,4-Trichlorobenzene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,2-Dibromo-3-chloropropane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,2-Dibromoethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,2-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,2-Dichloroethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,2-Dichloropropane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,3-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
1,4-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
2-Butanone	BRL	0.046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
2-Hexanone	BRL	0.0091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
4-Methyl-2-pentanone	BRL	0.0091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Acetone	BRL	0.091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Benzene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Bromodichloromethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Bromoform	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Bromomethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Carbon disulfide	BRL	0.0091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Carbon tetrachloride	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Chlorobenzene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Chloroethane	BRL	0.0091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Chloroform	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Chloromethane	BRL	0.0091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
cis-1,2-Dichloroethene	0.15	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
cis-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Cyclohexane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Dibromochloromethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Dichlorodifluoromethane	BRL	0.0091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Ethylbenzene	0.0060	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Freon-113	BRL	0.0091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Isopropylbenzene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
m,p-Xylene	0.0086	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Methyl acetate	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Methyl tert-butyl ether	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Methylcyclohexane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Methylene chloride	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
o-Xylene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-001

Client Sample ID: B5-1-2'
 Collection Date: 4/23/2013 11:46:00 AM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Tetrachloroethene	1.6	0.24		mg/Kg-dry	175319	50	04/25/2013 18:19	NP
Toluene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
trans-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
trans-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Trichloroethene	0.065	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Trichlorofluoromethane	BRL	0.0046		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Vinyl chloride	BRL	0.0091		mg/Kg-dry	175244	1	04/24/2013 19:01	MD
Surr: 4-Bromofluorobenzene	90.8	63.8-133		%REC	175244	1	04/24/2013 19:01	MD
Surr: 4-Bromofluorobenzene	103	63.8-133		%REC	175319	50	04/25/2013 18:19	NP
Surr: Dibromofluoromethane	96.3	74.3-130		%REC	175244	1	04/24/2013 19:01	MD
Surr: Dibromofluoromethane	85.3	74.3-130		%REC	175319	50	04/25/2013 18:19	NP
Surr: Toluene-d8	96.5	72.8-122		%REC	175244	1	04/24/2013 19:01	MD
Surr: Toluene-d8	87.5	72.8-122		%REC	175319	50	04/25/2013 18:19	NP
PERCENT MOISTURE D2216								
Percent Moisture	14.2	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-002

Client Sample ID: B5-4-5'
 Collection Date: 4/23/2013 11:52:00 AM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,1,2,2-Tetrachloroethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,1,2-Trichloroethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,1-Dichloroethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,1-Dichloroethene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,2,4-Trichlorobenzene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,2-Dibromo-3-chloropropane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,2-Dibromoethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,2-Dichlorobenzene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,2-Dichloroethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,2-Dichloropropane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,3-Dichlorobenzene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
1,4-Dichlorobenzene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
2-Butanone	BRL	0.041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
2-Hexanone	BRL	0.0081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
4-Methyl-2-pentanone	BRL	0.0081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Acetone	BRL	0.081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Benzene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Bromodichloromethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Bromoform	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Bromomethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Carbon disulfide	BRL	0.0081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Carbon tetrachloride	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Chlorobenzene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Chloroethane	BRL	0.0081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Chloroform	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Chloromethane	BRL	0.0081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
cis-1,2-Dichloroethene	0.037	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
cis-1,3-Dichloropropene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Cyclohexane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Dibromochloromethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Dichlorodifluoromethane	BRL	0.0081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Ethylbenzene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Freon-113	BRL	0.0081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Isopropylbenzene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
m,p-Xylene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Methyl acetate	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Methyl tert-butyl ether	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Methylcyclohexane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Methylene chloride	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
o-Xylene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-002

Client Sample ID: B5-4-5'
 Collection Date: 4/23/2013 11:52:00 AM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Tetrachloroethene	0.92	0.17		mg/Kg-dry	175319	50	04/25/2013 21:21	NP
Toluene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
trans-1,2-Dichloroethene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
trans-1,3-Dichloropropene	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Trichloroethene	0.021	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Trichlorofluoromethane	BRL	0.0041		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Vinyl chloride	BRL	0.0081		mg/Kg-dry	175244	1	04/24/2013 19:29	MD
Surr: 4-Bromofluorobenzene	88.1	63.8-133		%REC	175244	1	04/24/2013 19:29	MD
Surr: 4-Bromofluorobenzene	111	63.8-133		%REC	175319	50	04/25/2013 21:21	NP
Surr: Dibromofluoromethane	95.4	74.3-130		%REC	175244	1	04/24/2013 19:29	MD
Surr: Dibromofluoromethane	83.9	74.3-130		%REC	175319	50	04/25/2013 21:21	NP
Surr: Toluene-d8	95	72.8-122		%REC	175244	1	04/24/2013 19:29	MD
Surr: Toluene-d8	91.9	72.8-122		%REC	175319	50	04/25/2013 21:21	NP
PERCENT MOISTURE D2216								
Percent Moisture	17.1	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
Project Name: Westside Cleaners
Lab ID: 1304L26-003

Client Sample ID: B6-1-2'
Collection Date: 4/23/2013 12:43:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,1,2,2-Tetrachloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,1,2-Trichloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,1-Dichloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,1-Dichloroethene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,2,4-Trichlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,2-Dibromo-3-chloropropane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,2-Dibromoethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,2-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,2-Dichloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,2-Dichloropropane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,3-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
1,4-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
2-Butanone	BRL	0.033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
2-Hexanone	BRL	0.0067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
4-Methyl-2-pentanone	BRL	0.0067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Acetone	BRL	0.067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Benzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Bromodichloromethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Bromoform	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Bromomethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Carbon disulfide	BRL	0.0067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Carbon tetrachloride	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Chlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Chloroethane	BRL	0.0067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Chloroform	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Chloromethane	BRL	0.0067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
cis-1,2-Dichloroethene	0.079	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
cis-1,3-Dichloropropene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Cyclohexane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Dibromochloromethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Dichlorodifluoromethane	BRL	0.0067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Ethylbenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Freon-113	BRL	0.0067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Isopropylbenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
m,p-Xylene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Methyl acetate	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Methyl tert-butyl ether	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Methylcyclohexane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Methylene chloride	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
o-Xylene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-003

Client Sample ID: B6-1-2'
 Collection Date: 4/23/2013 12:43:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Tetrachloroethene	0.0059	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Toluene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
trans-1,2-Dichloroethene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
trans-1,3-Dichloropropene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Trichloroethene	0.015	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Trichlorofluoromethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Vinyl chloride	BRL	0.0067		mg/Kg-dry	175244	1	04/24/2013 22:42	MD
Surr: 4-Bromofluorobenzene	90.1	63.8-133		%REC	175244	1	04/24/2013 22:42	MD
Surr: Dibromofluoromethane	97.9	74.3-130		%REC	175244	1	04/24/2013 22:42	MD
Surr: Toluene-d8	91.2	72.8-122		%REC	175244	1	04/24/2013 22:42	MD
PERCENT MOISTURE D2216								
Percent Moisture	20.3	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-004

Client Sample ID: B6-9-10'
 Collection Date: 4/23/2013 12:50:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,1,2,2-Tetrachloroethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,1,2-Trichloroethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,1-Dichloroethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,1-Dichloroethene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,2,4-Trichlorobenzene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,2-Dibromo-3-chloropropane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,2-Dibromoethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,2-Dichlorobenzene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,2-Dichloroethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,2-Dichloropropane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,3-Dichlorobenzene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
1,4-Dichlorobenzene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
2-Butanone	BRL	0.035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
2-Hexanone	BRL	0.0070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
4-Methyl-2-pentanone	BRL	0.0070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Acetone	BRL	0.070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Benzene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Bromodichloromethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Bromoform	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Bromomethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Carbon disulfide	BRL	0.0070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Carbon tetrachloride	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Chlorobenzene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Chloroethane	BRL	0.0070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Chloroform	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Chloromethane	BRL	0.0070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
cis-1,2-Dichloroethene	0.0081	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
cis-1,3-Dichloropropene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Cyclohexane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Dibromochloromethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Dichlorodifluoromethane	BRL	0.0070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Ethylbenzene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Freon-113	BRL	0.0070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Isopropylbenzene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
m,p-Xylene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Methyl acetate	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Methyl tert-butyl ether	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Methylcyclohexane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Methylene chloride	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
o-Xylene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-004

Client Sample ID: B6-9-10'
 Collection Date: 4/23/2013 12:50:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Tetrachloroethene	0.037	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Toluene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
trans-1,2-Dichloroethene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
trans-1,3-Dichloropropene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Trichloroethene	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Trichlorofluoromethane	BRL	0.0035		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Vinyl chloride	BRL	0.0070		mg/Kg-dry	175244	1	04/24/2013 23:10	MD
Surr: 4-Bromofluorobenzene	89.9	63.8-133		%REC	175244	1	04/24/2013 23:10	MD
Surr: Dibromofluoromethane	97	74.3-130		%REC	175244	1	04/24/2013 23:10	MD
Surr: Toluene-d8	91.9	72.8-122		%REC	175244	1	04/24/2013 23:10	MD
PERCENT MOISTURE D2216								
Percent Moisture	27.2	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-005

Client Sample ID: B8-1-2'
 Collection Date: 4/23/2013 3:12:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,1,2,2-Tetrachloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,1,2-Trichloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,1-Dichloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,1-Dichloroethene	0.0050	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,2,4-Trichlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,2-Dibromo-3-chloropropane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,2-Dibromoethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,2-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,2-Dichloroethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,2-Dichloropropane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,3-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
1,4-Dichlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
2-Butanone	BRL	0.033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
2-Hexanone	BRL	0.0066		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
4-Methyl-2-pentanone	BRL	0.0066		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Acetone	BRL	0.066		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Benzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Bromodichloromethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Bromoform	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Bromomethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Carbon disulfide	BRL	0.0066		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Carbon tetrachloride	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Chlorobenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Chloroethane	BRL	0.0066		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Chloroform	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Chloromethane	BRL	0.0066		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
cis-1,2-Dichloroethene	6.0	0.23		mg/Kg-dry	175319	50	04/25/2013 18:50	GK
cis-1,3-Dichloropropene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Cyclohexane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Dibromochloromethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Dichlorodifluoromethane	BRL	0.0066		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Ethylbenzene	0.0044	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Freon-113	BRL	0.0066		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Isopropylbenzene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
m,p-Xylene	0.0034	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Methyl acetate	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Methyl tert-butyl ether	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Methylcyclohexane	0.012	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Methylene chloride	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
o-Xylene	0.0068	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-005

Client Sample ID: B8-1-2'
 Collection Date: 4/23/2013 3:12:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Tetrachloroethene	0.61	0.23		mg/Kg-dry	175319	50	04/25/2013 18:50	GK
Toluene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
trans-1,2-Dichloroethene	0.048	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
trans-1,3-Dichloropropene	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Trichloroethene	0.059	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Trichlorofluoromethane	BRL	0.0033		mg/Kg-dry	175244	1	04/24/2013 23:38	MD
Vinyl chloride	0.66	0.45		mg/Kg-dry	175319	50	04/25/2013 18:50	GK
Surr: 4-Bromofluorobenzene	95.7	63.8-133		%REC	175244	1	04/24/2013 23:38	MD
Surr: 4-Bromofluorobenzene	91.2	63.8-133		%REC	175319	50	04/25/2013 18:50	GK
Surr: Dibromofluoromethane	97.1	74.3-130		%REC	175244	1	04/24/2013 23:38	MD
Surr: Dibromofluoromethane	94.6	74.3-130		%REC	175319	50	04/25/2013 18:50	GK
Surr: Toluene-d8	93.4	72.8-122		%REC	175244	1	04/24/2013 23:38	MD
Surr: Toluene-d8	97.1	72.8-122		%REC	175319	50	04/25/2013 18:50	GK
PERCENT MOISTURE D2216								
Percent Moisture	16.8	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-006

Client Sample ID: B8-9-10'
 Collection Date: 4/23/2013 3:24:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,1,2,2-Tetrachloroethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,1,2-Trichloroethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,1-Dichloroethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,1-Dichloroethene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,2,4-Trichlorobenzene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,2-Dibromo-3-chloropropane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,2-Dibromoethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,2-Dichlorobenzene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,2-Dichloroethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,2-Dichloropropane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,3-Dichlorobenzene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
1,4-Dichlorobenzene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
2-Butanone	BRL	0.032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
2-Hexanone	BRL	0.0065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
4-Methyl-2-pentanone	BRL	0.0065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Acetone	BRL	0.065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Benzene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Bromodichloromethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Bromoform	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Bromomethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Carbon disulfide	BRL	0.0065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Carbon tetrachloride	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Chlorobenzene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Chloroethane	BRL	0.0065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Chloroform	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Chloromethane	BRL	0.0065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
cis-1,2-Dichloroethene	0.81	0.21		mg/Kg-dry	175319	50	04/25/2013 19:19	GK
cis-1,3-Dichloropropene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Cyclohexane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Dibromochloromethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Dichlorodifluoromethane	BRL	0.0065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Ethylbenzene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Freon-113	BRL	0.0065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Isopropylbenzene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
m,p-Xylene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Methyl acetate	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Methyl tert-butyl ether	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Methylcyclohexane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Methylene chloride	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
o-Xylene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-006

Client Sample ID: B8-9-10'
 Collection Date: 4/23/2013 3:24:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Tetrachloroethene	1.2	0.21		mg/Kg-dry	175319	50	04/25/2013 19:19	GK
Toluene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
trans-1,2-Dichloroethene	0.0097	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
trans-1,3-Dichloropropene	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Trichloroethene	0.70	0.21		mg/Kg-dry	175319	50	04/25/2013 19:19	GK
Trichlorofluoromethane	BRL	0.0032		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Vinyl chloride	0.11	0.0065		mg/Kg-dry	175244	1	04/25/2013 00:06	MD
Surr: 4-Bromofluorobenzene	86.8	63.8-133		%REC	175244	1	04/25/2013 00:06	MD
Surr: 4-Bromofluorobenzene	91.5	63.8-133		%REC	175319	50	04/25/2013 19:19	GK
Surr: Dibromofluoromethane	95.2	74.3-130		%REC	175244	1	04/25/2013 00:06	MD
Surr: Dibromofluoromethane	95.9	74.3-130		%REC	175319	50	04/25/2013 19:19	GK
Surr: Toluene-d8	94.5	72.8-122		%REC	175244	1	04/25/2013 00:06	MD
Surr: Toluene-d8	98.6	72.8-122		%REC	175319	50	04/25/2013 19:19	GK
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-007

Client Sample ID: B9-1-2'
 Collection Date: 4/23/2013 3:38:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,1,2,2-Tetrachloroethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,1,2-Trichloroethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,1-Dichloroethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,1-Dichloroethene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,2,4-Trichlorobenzene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,2-Dibromo-3-chloropropane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,2-Dibromoethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,2-Dichlorobenzene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,2-Dichloroethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,2-Dichloropropane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,3-Dichlorobenzene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
1,4-Dichlorobenzene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
2-Butanone	BRL	0.040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
2-Hexanone	BRL	0.0081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
4-Methyl-2-pentanone	BRL	0.0081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Acetone	BRL	0.081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Benzene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Bromodichloromethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Bromoform	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Bromomethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Carbon disulfide	BRL	0.0081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Carbon tetrachloride	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Chlorobenzene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Chloroethane	BRL	0.0081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Chloroform	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Chloromethane	BRL	0.0081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
cis-1,2-Dichloroethene	0.30	0.14		mg/Kg-dry	175319	50	04/25/2013 19:49	GK
cis-1,3-Dichloropropene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Cyclohexane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Dibromochloromethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Dichlorodifluoromethane	BRL	0.0081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Ethylbenzene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Freon-113	BRL	0.0081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Isopropylbenzene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
m,p-Xylene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Methyl acetate	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Methyl tert-butyl ether	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Methylcyclohexane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Methylene chloride	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
o-Xylene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-007

Client Sample ID: B9-1-2'
 Collection Date: 4/23/2013 3:38:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Tetrachloroethene	0.30	0.14		mg/Kg-dry	175319	50	04/25/2013 19:49	GK
Toluene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
trans-1,2-Dichloroethene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
trans-1,3-Dichloropropene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Trichloroethene	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Trichlorofluoromethane	BRL	0.0040		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Vinyl chloride	0.029	0.0081		mg/Kg-dry	175244	1	04/25/2013 00:34	MD
Surr: 4-Bromofluorobenzene	96.1	63.8-133		%REC	175244	1	04/25/2013 00:34	MD
Surr: 4-Bromofluorobenzene	90	63.8-133		%REC	175319	50	04/25/2013 19:49	GK
Surr: Dibromofluoromethane	102	74.3-130		%REC	175244	1	04/25/2013 00:34	MD
Surr: Dibromofluoromethane	92.4	74.3-130		%REC	175319	50	04/25/2013 19:49	GK
Surr: Toluene-d8	94.9	72.8-122		%REC	175244	1	04/25/2013 00:34	MD
Surr: Toluene-d8	99.6	72.8-122		%REC	175319	50	04/25/2013 19:49	GK
PERCENT MOISTURE D2216								
Percent Moisture	15.7	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-008

Client Sample ID: B10-1-2'
 Collection Date: 4/23/2013 3:56:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,1,2,2-Tetrachloroethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,1,2-Trichloroethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,1-Dichloroethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,1-Dichloroethene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,2,4-Trichlorobenzene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,2-Dibromo-3-chloropropane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,2-Dibromoethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,2-Dichlorobenzene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,2-Dichloroethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,2-Dichloropropane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,3-Dichlorobenzene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
1,4-Dichlorobenzene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
2-Butanone	BRL	0.036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
2-Hexanone	BRL	0.0071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
4-Methyl-2-pentanone	BRL	0.0071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Acetone	BRL	0.071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Benzene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Bromodichloromethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Bromoform	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Bromomethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Carbon disulfide	BRL	0.0071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Carbon tetrachloride	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Chlorobenzene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Chloroethane	BRL	0.0071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Chloroform	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Chloromethane	BRL	0.0071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
cis-1,2-Dichloroethene	0.91	0.16		mg/Kg-dry	175319	50	04/25/2013 20:19	GK
cis-1,3-Dichloropropene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Cyclohexane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Dibromochloromethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Dichlorodifluoromethane	BRL	0.0071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Ethylbenzene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Freon-113	BRL	0.0071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Isopropylbenzene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
m,p-Xylene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Methyl acetate	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Methyl tert-butyl ether	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Methylcyclohexane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Methylene chloride	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
o-Xylene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-008

Client Sample ID: B10-1-2'
 Collection Date: 4/23/2013 3:56:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Tetrachloroethene	0.88	0.16		mg/Kg-dry	175319	50	04/25/2013 20:19	GK
Toluene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
trans-1,2-Dichloroethene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
trans-1,3-Dichloropropene	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Trichloroethene	0.059	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Trichlorofluoromethane	BRL	0.0036		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Vinyl chloride	BRL	0.0071		mg/Kg-dry	175244	1	04/25/2013 01:02	MD
Surr: 4-Bromofluorobenzene	93.1	63.8-133		%REC	175244	1	04/25/2013 01:02	MD
Surr: 4-Bromofluorobenzene	87.6	63.8-133		%REC	175319	50	04/25/2013 20:19	GK
Surr: Dibromofluoromethane	102	74.3-130		%REC	175244	1	04/25/2013 01:02	MD
Surr: Dibromofluoromethane	92.3	74.3-130		%REC	175319	50	04/25/2013 20:19	GK
Surr: Toluene-d8	95.2	72.8-122		%REC	175244	1	04/25/2013 01:02	MD
Surr: Toluene-d8	99.3	72.8-122		%REC	175319	50	04/25/2013 20:19	GK
PERCENT MOISTURE D2216								
Percent Moisture	17.7	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-009

Client Sample ID: B10-9-10'
 Collection Date: 4/23/2013 4:04:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,1,2,2-Tetrachloroethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,1,2-Trichloroethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,1-Dichloroethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,1-Dichloroethene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,2,4-Trichlorobenzene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,2-Dibromo-3-chloropropane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,2-Dibromoethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,2-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,2-Dichloroethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,2-Dichloropropane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,3-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
1,4-Dichlorobenzene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
2-Butanone	BRL	0.044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
2-Hexanone	BRL	0.0088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
4-Methyl-2-pentanone	BRL	0.0088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Acetone	BRL	0.088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Benzene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Bromodichloromethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Bromoform	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Bromomethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Carbon disulfide	BRL	0.0088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Carbon tetrachloride	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Chlorobenzene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Chloroethane	BRL	0.0088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Chloroform	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Chloromethane	BRL	0.0088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
cis-1,2-Dichloroethene	0.011	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
cis-1,3-Dichloropropene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Cyclohexane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Dibromochloromethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Dichlorodifluoromethane	BRL	0.0088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Ethylbenzene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Freon-113	BRL	0.0088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Isopropylbenzene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
m,p-Xylene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Methyl acetate	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Methyl tert-butyl ether	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Methylcyclohexane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Methylene chloride	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
o-Xylene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-009

Client Sample ID: B10-9-10'
 Collection Date: 4/23/2013 4:04:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Tetrachloroethene	0.50	0.16		mg/Kg-dry	175425	50	04/29/2013 15:18	YT
Toluene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
trans-1,2-Dichloroethene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
trans-1,3-Dichloropropene	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Trichloroethene	0.016	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Trichlorofluoromethane	BRL	0.0044		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Vinyl chloride	BRL	0.0088		mg/Kg-dry	175364	1	04/29/2013 13:41	MD
Surr: 4-Bromofluorobenzene	89.4	63.8-133		%REC	175364	1	04/29/2013 13:41	MD
Surr: 4-Bromofluorobenzene	93.3	63.8-133		%REC	175425	50	04/29/2013 15:18	YT
Surr: Dibromofluoromethane	102	74.3-130		%REC	175364	1	04/29/2013 13:41	MD
Surr: Dibromofluoromethane	104	74.3-130		%REC	175425	50	04/29/2013 15:18	YT
Surr: Toluene-d8	92.2	72.8-122		%REC	175364	1	04/29/2013 13:41	MD
Surr: Toluene-d8	98.3	72.8-122		%REC	175425	50	04/29/2013 15:18	YT
PERCENT MOISTURE D2216								
Percent Moisture	18.5	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-010

Client Sample ID: B11-1-2'
 Collection Date: 4/23/2013 4:10:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,1,2,2-Tetrachloroethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,1,2-Trichloroethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,1-Dichloroethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,1-Dichloroethene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,2,4-Trichlorobenzene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,2-Dibromo-3-chloropropane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,2-Dibromoethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,2-Dichlorobenzene	0.047	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,2-Dichloroethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,2-Dichloropropane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,3-Dichlorobenzene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
1,4-Dichlorobenzene	0.0075	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
2-Butanone	BRL	0.028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
2-Hexanone	BRL	0.0056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
4-Methyl-2-pentanone	BRL	0.0056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Acetone	BRL	0.056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Benzene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Bromodichloromethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Bromoform	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Bromomethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Carbon disulfide	BRL	0.0056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Carbon tetrachloride	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Chlorobenzene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Chloroethane	BRL	0.0056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Chloroform	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Chloromethane	BRL	0.0056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
cis-1,2-Dichloroethene	0.70	0.22		mg/Kg-dry	175319	50	04/25/2013 21:19	GK
cis-1,3-Dichloropropene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Cyclohexane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Dibromochloromethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Dichlorodifluoromethane	BRL	0.0056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Ethylbenzene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Freon-113	BRL	0.0056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Isopropylbenzene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
m,p-Xylene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Methyl acetate	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Methyl tert-butyl ether	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Methylcyclohexane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Methylene chloride	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
o-Xylene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-010

Client Sample ID: B11-1-2'
 Collection Date: 4/23/2013 4:10:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Tetrachloroethene	230	22		mg/Kg-dry	175319	5000	04/26/2013 10:59	GK
Toluene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
trans-1,2-Dichloroethene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
trans-1,3-Dichloropropene	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Trichloroethene	1.1	0.22		mg/Kg-dry	175319	50	04/25/2013 21:19	GK
Trichlorofluoromethane	BRL	0.0028		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Vinyl chloride	BRL	0.0056		mg/Kg-dry	175244	1	04/25/2013 01:30	MD
Surr: 4-Bromofluorobenzene	93.4	63.8-133		%REC	175244	1	04/25/2013 01:30	MD
Surr: 4-Bromofluorobenzene	89.6	63.8-133		%REC	175319	50	04/25/2013 21:19	GK
Surr: 4-Bromofluorobenzene	93.3	63.8-133		%REC	175319	5000	04/26/2013 10:59	GK
Surr: Dibromofluoromethane	110	74.3-130		%REC	175244	1	04/25/2013 01:30	MD
Surr: Dibromofluoromethane	93.2	74.3-130		%REC	175319	50	04/25/2013 21:19	GK
Surr: Dibromofluoromethane	99.4	74.3-130		%REC	175319	5000	04/26/2013 10:59	GK
Surr: Toluene-d8	74.8	72.8-122		%REC	175244	1	04/25/2013 01:30	MD
Surr: Toluene-d8	99.9	72.8-122		%REC	175319	50	04/25/2013 21:19	GK
Surr: Toluene-d8	102	72.8-122		%REC	175319	5000	04/26/2013 10:59	GK
PERCENT MOISTURE D2216								
Percent Moisture	15.9	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
Project Name: Westside Cleaners
Lab ID: 1304L26-011

Client Sample ID: B11-9-10'
Collection Date: 4/23/2013 4:18:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,1,2,2-Tetrachloroethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,1,2-Trichloroethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,1-Dichloroethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,1-Dichloroethene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,2,4-Trichlorobenzene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,2-Dibromo-3-chloropropane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,2-Dibromoethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,2-Dichlorobenzene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,2-Dichloroethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,2-Dichloropropane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,3-Dichlorobenzene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
1,4-Dichlorobenzene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
2-Butanone	BRL	2.5		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
2-Hexanone	BRL	0.50		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
4-Methyl-2-pentanone	BRL	0.50		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Acetone	BRL	5.0		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Benzene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Bromodichloromethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Bromoform	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Bromomethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Carbon disulfide	BRL	0.50		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Carbon tetrachloride	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Chlorobenzene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Chloroethane	BRL	0.50		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Chloroform	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Chloromethane	BRL	0.50		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
cis-1,2-Dichloroethene	1.0	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
cis-1,3-Dichloropropene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Cyclohexane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Dibromochloromethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Dichlorodifluoromethane	BRL	0.50		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Ethylbenzene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Freon-113	BRL	0.50		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Isopropylbenzene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
m,p-Xylene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Methyl acetate	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Methyl tert-butyl ether	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Methylcyclohexane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Methylene chloride	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
o-Xylene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-011

Client Sample ID: B11-9-10'
 Collection Date: 4/23/2013 4:18:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Tetrachloroethene	9.6	1.2		mg/Kg-dry	175319	500	04/26/2013 11:29	GK
Toluene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
trans-1,2-Dichloroethene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
trans-1,3-Dichloropropene	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Trichloroethene	0.58	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Trichlorofluoromethane	BRL	0.25		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Vinyl chloride	BRL	0.50		mg/Kg-dry	175319	100	04/25/2013 21:49	GK
Surr: 4-Bromofluorobenzene	90.1	63.8-133		%REC	175319	500	04/26/2013 11:29	GK
Surr: 4-Bromofluorobenzene	90.1	63.8-133		%REC	175319	100	04/25/2013 21:49	GK
Surr: Dibromofluoromethane	98.9	74.3-130		%REC	175319	500	04/26/2013 11:29	GK
Surr: Dibromofluoromethane	94.2	74.3-130		%REC	175319	100	04/25/2013 21:49	GK
Surr: Toluene-d8	99.7	72.8-122		%REC	175319	500	04/26/2013 11:29	GK
Surr: Toluene-d8	99.2	72.8-122		%REC	175319	100	04/25/2013 21:49	GK
PERCENT MOISTURE D2216								
Percent Moisture	15.6	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
Project Name: Westside Cleaners
Lab ID: 1304L26-012

Client Sample ID: B12-1-2'
Collection Date: 4/23/2013 4:25:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,1,2,2-Tetrachloroethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,1,2-Trichloroethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,1-Dichloroethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,1-Dichloroethene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,2,4-Trichlorobenzene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,2-Dibromo-3-chloropropane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,2-Dibromoethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,2-Dichlorobenzene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,2-Dichloroethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,2-Dichloropropane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,3-Dichlorobenzene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
1,4-Dichlorobenzene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
2-Butanone	BRL	2.0		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
2-Hexanone	BRL	0.41		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
4-Methyl-2-pentanone	BRL	0.41		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Acetone	BRL	4.1		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Benzene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Bromodichloromethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Bromoform	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Bromomethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Carbon disulfide	BRL	0.41		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Carbon tetrachloride	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Chlorobenzene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Chloroethane	BRL	0.41		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Chloroform	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Chloromethane	BRL	0.41		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
cis-1,2-Dichloroethene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
cis-1,3-Dichloropropene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Cyclohexane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Dibromochloromethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Dichlorodifluoromethane	BRL	0.41		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Ethylbenzene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Freon-113	BRL	0.41		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Isopropylbenzene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
m,p-Xylene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Methyl acetate	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Methyl tert-butyl ether	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Methylcyclohexane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Methylene chloride	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
o-Xylene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-012

Client Sample ID: B12-1-2'
 Collection Date: 4/23/2013 4:25:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Tetrachloroethene	9.7	1.0		mg/Kg-dry	175319	500	04/29/2013 14:25	GK
Toluene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
trans-1,2-Dichloroethene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
trans-1,3-Dichloropropene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Trichloroethene	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Trichlorofluoromethane	BRL	0.20		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Vinyl chloride	BRL	0.41		mg/Kg-dry	175319	100	04/29/2013 13:25	GK
Surr: 4-Bromofluorobenzene	89.7	63.8-133		%REC	175319	100	04/29/2013 13:25	GK
Surr: 4-Bromofluorobenzene	91.2	63.8-133		%REC	175319	500	04/29/2013 14:25	GK
Surr: Dibromofluoromethane	102	74.3-130		%REC	175319	500	04/29/2013 14:25	GK
Surr: Dibromofluoromethane	99.9	74.3-130		%REC	175319	100	04/29/2013 13:25	GK
Surr: Toluene-d8	103	72.8-122		%REC	175319	500	04/29/2013 14:25	GK
Surr: Toluene-d8	99.7	72.8-122		%REC	175319	100	04/29/2013 13:25	GK
PERCENT MOISTURE D2216								
Percent Moisture	16.2	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
Project Name: Westside Cleaners
Lab ID: 1304L26-013

Client Sample ID: B12-9-10'
Collection Date: 4/23/2013 4:32:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,1,2,2-Tetrachloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,1,2-Trichloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,1-Dichloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,1-Dichloroethene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,2,4-Trichlorobenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,2-Dibromo-3-chloropropane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,2-Dibromoethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,2-Dichlorobenzene	3.8	3.0		mg/Kg-dry	175319	1000	04/28/2013 18:34	AR
1,2-Dichloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,2-Dichloropropane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
1,3-Dichlorobenzene	BRL	3.0		mg/Kg-dry	175319	1000	04/28/2013 18:34	AR
1,4-Dichlorobenzene	BRL	3.0		mg/Kg-dry	175319	1000	04/28/2013 18:34	AR
2-Butanone	BRL	0.043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
2-Hexanone	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
4-Methyl-2-pentanone	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Acetone	BRL	0.086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Benzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Bromodichloromethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Bromoform	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Bromomethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Carbon disulfide	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Carbon tetrachloride	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Chlorobenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Chloroethane	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Chloroform	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Chloromethane	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
cis-1,2-Dichloroethene	7.0	3.0		mg/Kg-dry	175319	1000	04/28/2013 18:34	AR
cis-1,3-Dichloropropene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Cyclohexane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Dibromochloromethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Dichlorodifluoromethane	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Ethylbenzene	1.6	1.2		mg/Kg-dry	175319	1000	04/28/2013 18:34	AR
Freon-113	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Isopropylbenzene	5.1	3.0		mg/Kg-dry	175319	1000	04/28/2013 18:34	AR
m,p-Xylene	5.3	3.0		mg/Kg-dry	175319	1000	04/28/2013 18:34	AR
Methyl acetate	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Methyl tert-butyl ether	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Methylcyclohexane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Methylene chloride	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
o-Xylene	2.3	1.8		mg/Kg-dry	175319	1000	04/28/2013 18:34	AR

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

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

Analytical Environmental Services, Inc

Date: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-013

Client Sample ID: B12-9-10'
 Collection Date: 4/23/2013 4:32:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Tetrachloroethene	8500	1500		mg/Kg-dry	175319	500000	04/29/2013 17:01	YT
Toluene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
trans-1,2-Dichloroethene	0.034	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
trans-1,3-Dichloropropene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Trichloroethene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Trichlorofluoromethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Vinyl chloride	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 14:06	MD
Surr: 4-Bromofluorobenzene	22.6	63.8-133	S	%REC	175244	1	04/25/2013 14:06	MD
Surr: 4-Bromofluorobenzene	90.9	63.8-133		%REC	175319	500000	04/29/2013 17:01	YT
Surr: 4-Bromofluorobenzene	101	63.8-133		%REC	175319	1000	04/28/2013 18:34	AR
Surr: Dibromofluoromethane	66	74.3-130	S	%REC	175244	1	04/25/2013 14:06	MD
Surr: Dibromofluoromethane	107	74.3-130		%REC	175319	500000	04/29/2013 17:01	YT
Surr: Dibromofluoromethane	111	74.3-130		%REC	175319	1000	04/28/2013 18:34	AR
Surr: Toluene-d8	72.8	72.8-122		%REC	175244	1	04/25/2013 14:06	MD
Surr: Toluene-d8	99.4	72.8-122		%REC	175319	500000	04/29/2013 17:01	YT
Surr: Toluene-d8	102	72.8-122		%REC	175319	1000	04/28/2013 18:34	AR
PERCENT MOISTURE D2216								
Percent Moisture	14.0	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-014

Client Sample ID: B13-1-2'
 Collection Date: 4/23/2013 4:43:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,1,2,2-Tetrachloroethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,1,2-Trichloroethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,1-Dichloroethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,1-Dichloroethene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,2,4-Trichlorobenzene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,2-Dibromo-3-chloropropane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,2-Dibromoethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,2-Dichlorobenzene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,2-Dichloroethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,2-Dichloropropane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,3-Dichlorobenzene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
1,4-Dichlorobenzene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
2-Butanone	BRL	0.031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
2-Hexanone	BRL	0.0062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
4-Methyl-2-pentanone	BRL	0.0062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Acetone	BRL	0.062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Benzene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Bromodichloromethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Bromoform	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Bromomethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Carbon disulfide	BRL	0.0062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Carbon tetrachloride	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Chlorobenzene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Chloroethane	BRL	0.0062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Chloroform	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Chloromethane	BRL	0.0062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
cis-1,2-Dichloroethene	0.039	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
cis-1,3-Dichloropropene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Cyclohexane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Dibromochloromethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Dichlorodifluoromethane	BRL	0.0062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Ethylbenzene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Freon-113	BRL	0.0062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Isopropylbenzene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
m,p-Xylene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Methyl acetate	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Methyl tert-butyl ether	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Methylcyclohexane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Methylene chloride	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
o-Xylene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-014

Client Sample ID: B13-1-2'
 Collection Date: 4/23/2013 4:43:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Tetrachloroethene	1.1	0.17		mg/Kg-dry	175319	50	04/28/2013 21:26	AR
Toluene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
trans-1,2-Dichloroethene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
trans-1,3-Dichloropropene	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Trichloroethene	0.031	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Trichlorofluoromethane	BRL	0.0031		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Vinyl chloride	BRL	0.0062		mg/Kg-dry	175244	1	04/25/2013 10:47	MD
Surr: 4-Bromofluorobenzene	87.3	63.8-133		%REC	175244	1	04/25/2013 10:47	MD
Surr: 4-Bromofluorobenzene	91.5	63.8-133		%REC	175319	50	04/28/2013 21:26	AR
Surr: Dibromofluoromethane	98.4	74.3-130		%REC	175244	1	04/25/2013 10:47	MD
Surr: Dibromofluoromethane	107	74.3-130		%REC	175319	50	04/28/2013 21:26	AR
Surr: Toluene-d8	95.1	72.8-122		%REC	175244	1	04/25/2013 10:47	MD
Surr: Toluene-d8	99.8	72.8-122		%REC	175319	50	04/28/2013 21:26	AR
PERCENT MOISTURE D2216								
Percent Moisture	19.4	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-015

Client Sample ID: B13-9-10'
 Collection Date: 4/23/2013 4:51:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,1,2,2-Tetrachloroethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,1,2-Trichloroethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,1-Dichloroethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,1-Dichloroethene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,2,4-Trichlorobenzene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,2-Dibromo-3-chloropropane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,2-Dibromoethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,2-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,2-Dichloroethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,2-Dichloropropane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,3-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
1,4-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
2-Butanone	BRL	0.042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
2-Hexanone	BRL	0.0084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
4-Methyl-2-pentanone	BRL	0.0084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Acetone	BRL	0.084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Benzene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Bromodichloromethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Bromoform	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Bromomethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Carbon disulfide	BRL	0.0084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Carbon tetrachloride	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Chlorobenzene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Chloroethane	BRL	0.0084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Chloroform	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Chloromethane	BRL	0.0084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
cis-1,2-Dichloroethene	1.5	0.17		mg/Kg-dry	175319	50	04/28/2013 21:55	AR
cis-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Cyclohexane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Dibromochloromethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Dichlorodifluoromethane	BRL	0.0084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Ethylbenzene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Freon-113	BRL	0.0084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Isopropylbenzene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
m,p-Xylene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Methyl acetate	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Methyl tert-butyl ether	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Methylcyclohexane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Methylene chloride	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
o-Xylene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-015

Client Sample ID: B13-9-10'
 Collection Date: 4/23/2013 4:51:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Tetrachloroethene	9.4	1.7		mg/Kg-dry	175319	500	04/29/2013 17:57	DB
Toluene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
trans-1,2-Dichloroethene	0.010	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
trans-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Trichloroethene	0.59	0.17		mg/Kg-dry	175319	50	04/28/2013 21:55	AR
Trichlorofluoromethane	BRL	0.0042		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Vinyl chloride	0.034	0.0084		mg/Kg-dry	175244	1	04/25/2013 11:16	MD
Surr: 4-Bromofluorobenzene	100	63.8-133		%REC	175244	1	04/25/2013 11:16	MD
Surr: 4-Bromofluorobenzene	86.2	63.8-133		%REC	175319	50	04/28/2013 21:55	AR
Surr: 4-Bromofluorobenzene	86.7	63.8-133		%REC	175319	500	04/29/2013 17:57	DB
Surr: Dibromofluoromethane	100	74.3-130		%REC	175244	1	04/25/2013 11:16	MD
Surr: Dibromofluoromethane	99.9	74.3-130		%REC	175319	50	04/28/2013 21:55	AR
Surr: Dibromofluoromethane	111	74.3-130		%REC	175319	500	04/29/2013 17:57	DB
Surr: Toluene-d8	95.6	72.8-122		%REC	175244	1	04/25/2013 11:16	MD
Surr: Toluene-d8	98.4	72.8-122		%REC	175319	50	04/28/2013 21:55	AR
Surr: Toluene-d8	98.9	72.8-122		%REC	175319	500	04/29/2013 17:57	DB
PERCENT MOISTURE D2216								
Percent Moisture	26.1	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
Project Name: Westside Cleaners
Lab ID: 1304L26-016

Client Sample ID: B14-1-2'
Collection Date: 4/23/2013 4:54:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,1,2,2-Tetrachloroethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,1,2-Trichloroethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,1-Dichloroethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,1-Dichloroethene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,2,4-Trichlorobenzene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,2-Dibromo-3-chloropropane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,2-Dibromoethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,2-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,2-Dichloroethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,2-Dichloropropane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,3-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
1,4-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
2-Butanone	BRL	0.053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
2-Hexanone	BRL	0.011		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Acetone	BRL	0.11		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Benzene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Bromodichloromethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Bromoform	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Bromomethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Carbon disulfide	BRL	0.011		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Carbon tetrachloride	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Chlorobenzene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Chloroethane	BRL	0.011		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Chloroform	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Chloromethane	BRL	0.011		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
cis-1,2-Dichloroethene	0.40	0.30		mg/Kg-dry	175319	50	04/28/2013 20:57	AR
cis-1,3-Dichloropropene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Cyclohexane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Dibromochloromethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Ethylbenzene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Freon-113	BRL	0.011		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Isopropylbenzene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
m,p-Xylene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Methyl acetate	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Methyl tert-butyl ether	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Methylcyclohexane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Methylene chloride	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
o-Xylene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-016

Client Sample ID: B14-1-2'
 Collection Date: 4/23/2013 4:54:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Tetrachloroethene	0.62	0.30		mg/Kg-dry	175319	50	04/28/2013 20:57	AR
Toluene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
trans-1,2-Dichloroethene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
trans-1,3-Dichloropropene	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Trichloroethene	0.21	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Trichlorofluoromethane	BRL	0.0053		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Vinyl chloride	BRL	0.011		mg/Kg-dry	175364	1	04/29/2013 13:13	MD
Surr: 4-Bromofluorobenzene	90.2	63.8-133		%REC	175364	1	04/29/2013 13:13	MD
Surr: 4-Bromofluorobenzene	90.3	63.8-133		%REC	175319	50	04/28/2013 20:57	AR
Surr: Dibromofluoromethane	102	74.3-130		%REC	175364	1	04/29/2013 13:13	MD
Surr: Dibromofluoromethane	104	74.3-130		%REC	175319	50	04/28/2013 20:57	AR
Surr: Toluene-d8	97.8	72.8-122		%REC	175364	1	04/29/2013 13:13	MD
Surr: Toluene-d8	101	72.8-122		%REC	175319	50	04/28/2013 20:57	AR
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-017

Client Sample ID: B14-9-10'
 Collection Date: 4/23/2013 5:02:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,1,2,2-Tetrachloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,1,2-Trichloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,1-Dichloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,1-Dichloroethene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,2,4-Trichlorobenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,2-Dibromo-3-chloropropane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,2-Dibromoethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,2-Dichlorobenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,2-Dichloroethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,2-Dichloropropane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,3-Dichlorobenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
1,4-Dichlorobenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
2-Butanone	BRL	0.043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
2-Hexanone	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
4-Methyl-2-pentanone	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Acetone	BRL	0.086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Benzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Bromodichloromethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Bromoform	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Bromomethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Carbon disulfide	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Carbon tetrachloride	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Chlorobenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Chloroethane	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Chloroform	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Chloromethane	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
cis-1,2-Dichloroethene	0.25	0.19		mg/Kg-dry	175319	50	04/28/2013 22:24	AR
cis-1,3-Dichloropropene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Cyclohexane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Dibromochloromethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Dichlorodifluoromethane	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Ethylbenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Freon-113	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Isopropylbenzene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
m,p-Xylene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Methyl acetate	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Methyl tert-butyl ether	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Methylcyclohexane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Methylene chloride	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
o-Xylene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-017

Client Sample ID: B14-9-10'
 Collection Date: 4/23/2013 5:02:00 PM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Tetrachloroethene	4.7	0.38		mg/Kg-dry	175319	100	04/28/2013 20:29	AR
Toluene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
trans-1,2-Dichloroethene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
trans-1,3-Dichloropropene	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Trichloroethene	0.13	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Trichlorofluoromethane	BRL	0.0043		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Vinyl chloride	BRL	0.0086		mg/Kg-dry	175244	1	04/25/2013 12:12	MD
Surr: 4-Bromofluorobenzene	90.2	63.8-133		%REC	175244	1	04/25/2013 12:12	MD
Surr: 4-Bromofluorobenzene	89.3	63.8-133		%REC	175319	50	04/28/2013 22:24	AR
Surr: 4-Bromofluorobenzene	90.1	63.8-133		%REC	175319	100	04/28/2013 20:29	AR
Surr: Dibromofluoromethane	102	74.3-130		%REC	175244	1	04/25/2013 12:12	MD
Surr: Dibromofluoromethane	103	74.3-130		%REC	175319	50	04/28/2013 22:24	AR
Surr: Dibromofluoromethane	106	74.3-130		%REC	175319	100	04/28/2013 20:29	AR
Surr: Toluene-d8	94.5	72.8-122		%REC	175244	1	04/25/2013 12:12	MD
Surr: Toluene-d8	96.8	72.8-122		%REC	175319	50	04/28/2013 22:24	AR
Surr: Toluene-d8	94.9	72.8-122		%REC	175319	100	04/28/2013 20:29	AR
PERCENT MOISTURE D2216								
Percent Moisture	23.5	0		wt%	R242979	1	04/29/2013 12:30	AS

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: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-018

Client Sample ID: TRIP BLANK
 Collection Date: 4/23/2013
 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	175268	1	04/27/2013 00:41	DB
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,1,2-Trichloroethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,1-Dichloroethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,1-Dichloroethene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,2-Dibromoethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,2-Dichlorobenzene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,2-Dichloroethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,2-Dichloropropane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,3-Dichlorobenzene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
1,4-Dichlorobenzene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
2-Butanone	BRL	50		ug/L	175268	1	04/27/2013 00:41	DB
2-Hexanone	BRL	10		ug/L	175268	1	04/27/2013 00:41	DB
4-Methyl-2-pentanone	BRL	10		ug/L	175268	1	04/27/2013 00:41	DB
Acetone	BRL	50		ug/L	175268	1	04/27/2013 00:41	DB
Benzene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Bromodichloromethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Bromoform	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Bromomethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Carbon disulfide	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Carbon tetrachloride	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Chlorobenzene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Chloroethane	BRL	10		ug/L	175268	1	04/27/2013 00:41	DB
Chloroform	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Chloromethane	BRL	10		ug/L	175268	1	04/27/2013 00:41	DB
cis-1,2-Dichloroethene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
cis-1,3-Dichloropropene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Cyclohexane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Dibromochloromethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Dichlorodifluoromethane	BRL	10		ug/L	175268	1	04/27/2013 00:41	DB
Ethylbenzene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Freon-113	BRL	10		ug/L	175268	1	04/27/2013 00:41	DB
Isopropylbenzene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
m,p-Xylene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Methyl acetate	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Methyl tert-butyl ether	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Methylcyclohexane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Methylene chloride	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
o-Xylene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 30-Apr-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304L26-018

Client Sample ID: TRIP BLANK
 Collection Date: 4/23/2013
 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	175268	1	04/27/2013 00:41	DB
Tetrachloroethene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Toluene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
trans-1,2-Dichloroethene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
trans-1,3-Dichloropropene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Trichloroethene	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Trichlorofluoromethane	BRL	5.0		ug/L	175268	1	04/27/2013 00:41	DB
Vinyl chloride	BRL	2.0		ug/L	175268	1	04/27/2013 00:41	DB
Surr: 4-Bromofluorobenzene	92.4	64.6-123		%REC	175268	1	04/27/2013 00:41	DB
Surr: Dibromofluoromethane	110	76.6-133		%REC	175268	1	04/27/2013 00:41	DB
Surr: Toluene-d8	98.8	77.8-120		%REC	175268	1	04/27/2013 00:41	DB

Qualifiers:

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

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client ETRI

Work Order Number 1304226

Checklist completed by Jan B Date 4/24/13

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

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

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

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

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

Cooler #1 3.0 Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

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

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

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

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

See Case Narrative for resolution of the Non-Conformance.

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

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175244

Sample ID: MB-175244		Client ID:				Units: mg/Kg		Prep Date: 04/24/2013		Run No: 242760	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175244		Analysis Date: 04/24/2013		Seq No: 5083821	
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	0.0050	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
2-Butanone	BRL	0.050	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	0.010	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	0.010	0	0	0	0	0	0	0	0	
Acetone	BRL	0.10	0	0	0	0	0	0	0	0	
Benzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromoform	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromomethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	0.010	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	0.0050	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Chloroethane	BRL	0.010	0	0	0	0	0	0	0	0	
Chloroform	BRL	0.0050	0	0	0	0	0	0	0	0	
Chloromethane	BRL	0.010	0	0	0	0	0	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175244

Sample ID: MB-175244		Client ID:				Units: mg/Kg		Prep Date: 04/24/2013		Run No: 242760	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175244		Analysis Date: 04/24/2013		Seq No: 5083821	
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	0.0050	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	0.0050	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	0.0050	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	0.010	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Freon-113	BRL	0.010	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	0.0050	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	0.0050	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	0.0050	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	0.0050	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	0.0050	0	0	0	0	0	0	0	0	
o-Xylene	BRL	0.0050	0	0	0	0	0	0	0	0	
Styrene	BRL	0.0050	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
Toluene	BRL	0.0050	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	0.0050	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	0.010	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	0.04320	0	0.0500	0	86.4	63.8	133	0	0	0	
Surr: Dibromofluoromethane	0.04433	0	0.0500	0	88.7	74.3	130	0	0	0	
Surr: Toluene-d8	0.04691	0	0.0500	0	93.8	72.8	122	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175244

Sample ID: LCS-175244	Client ID:				Units: mg/Kg	Prep Date: 04/24/2013	Run No: 242760				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175244	Analysis Date: 04/24/2013	Seq No: 5083822				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.04506	0.0050	0.0500	0	90.1	63.1	140	0	0	0	
Benzene	0.04843	0.0050	0.0500	0	96.9	70.2	130	0	0	0	
Chlorobenzene	0.04580	0.0050	0.0500	0	91.6	70	126	0	0	0	
Toluene	0.04464	0.0050	0.0500	0	89.3	70.5	130	0	0	0	
Trichloroethene	0.04761	0.0050	0.0500	0	95.2	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	0.04756	0	0.0500	0	95.1	63.8	133	0	0	0	
Surr: Dibromofluoromethane	0.04893	0	0.0500	0	97.9	74.3	130	0	0	0	
Surr: Toluene-d8	0.04986	0	0.0500	0	99.7	72.8	122	0	0	0	

Sample ID: 1304L30-001AMS	Client ID:				Units: mg/Kg-dry	Prep Date: 04/24/2013	Run No: 242760				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175244	Analysis Date: 04/24/2013	Seq No: 5083824				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.05963	0.0069	0.0694	0	86.0	58.8	157	0	0	0	
Benzene	0.07025	0.0069	0.0694	0	101	66.3	139	0	0	0	
Chlorobenzene	0.06940	0.0069	0.0694	0	100	67.8	131	0	0	0	
Toluene	0.06468	0.0069	0.0694	0	93.3	66	138	0	0	0	
Trichloroethene	0.06841	0.0069	0.0694	0	98.6	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	0.06386	0	0.0694	0	92.1	63.8	133	0	0	0	
Surr: Dibromofluoromethane	0.06399	0	0.0694	0	92.3	74.3	130	0	0	0	
Surr: Toluene-d8	0.06821	0	0.0694	0	98.3	72.8	122	0	0	0	

Sample ID: 1304L30-001AMSD	Client ID:				Units: mg/Kg-dry	Prep Date: 04/24/2013	Run No: 242760				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175244	Analysis Date: 04/24/2013	Seq No: 5083825				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.06507	0.0069	0.0694	0	93.8	58.8	157	0.05963	8.72	21.9	
Benzene	0.07535	0.0069	0.0694	0	109	66.3	139	0.07025	7.01	22.3	

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: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175244

Sample ID: 1304L30-001AMSD	Client ID:				Units: mg/Kg-dry	Prep Date: 04/24/2013	Run No: 242760				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175244	Analysis Date: 04/24/2013	Seq No: 5083825				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	0.07557	0.0069	0.0694	0	109	67.8	131	0.06940	8.52	17.3	
Toluene	0.06864	0.0069	0.0694	0	99.0	66	138	0.06468	5.93	18.1	
Trichloroethene	0.07495	0.0069	0.0694	0	108	72.5	141	0.06841	9.11	18.7	
Surr: 4-Bromofluorobenzene	0.06546	0	0.0694	0	94.4	63.8	133	0.06386	0	0	
Surr: Dibromofluoromethane	0.06427	0	0.0694	0	92.7	74.3	130	0.06399	0	0	
Surr: Toluene-d8	0.06858	0	0.0694	0	98.9	72.8	122	0.06821	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: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175268

Sample ID: MB-175268		Client ID:				Units: ug/L		Prep Date: 04/24/2013		Run No: 242779	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175268		Analysis Date: 04/24/2013		Seq No: 5084973	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175268

Sample ID: MB-175268		Client ID:				Units: ug/L		Prep Date: 04/24/2013		Run No: 242779	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175268		Analysis Date: 04/24/2013		Seq No: 5084973	
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	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	45.30	0	50.00	0	90.6	64.6	123	0	0	0	
Surr: Dibromofluoromethane	54.21	0	50.00	0	108	76.6	133	0	0	0	
Surr: Toluene-d8	47.71	0	50.00	0	95.4	77.8	120	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175268

Sample ID: LCS-175268	Client ID:					Units: ug/L	Prep Date: 04/24/2013	Run No: 242779			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175268	Analysis Date: 04/25/2013	Seq No: 5084978			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	56.96	5.0	50.00	0	114	61.1	142	0	0	0	
Benzene	52.10	5.0	50.00	0	104	73.5	130	0	0	0	
Chlorobenzene	47.18	5.0	50.00	0	94.4	72.4	123	0	0	0	
Toluene	49.82	5.0	50.00	0	99.6	73.6	130	0	0	0	
Trichloroethene	49.48	5.0	50.00	0	99.0	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	54.78	0	50.00	0	110	64.6	123	0	0	0	
Surr: Dibromofluoromethane	53.74	0	50.00	0	107	76.6	133	0	0	0	
Surr: Toluene-d8	50.73	0	50.00	0	101	77.8	120	0	0	0	

Sample ID: 1304L39-001AMS	Client ID:					Units: ug/L	Prep Date: 04/24/2013	Run No: 242779			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175268	Analysis Date: 04/25/2013	Seq No: 5084974			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	56.75	5.0	50.00	0	114	60	168	0	0	0	
Benzene	54.79	5.0	50.00	0	110	66.6	148	0	0	0	
Chlorobenzene	45.21	5.0	50.00	0	90.4	71.9	135	0	0	0	
Toluene	51.67	5.0	50.00	0	103	68	149	0	0	0	
Trichloroethene	51.75	5.0	50.00	0	104	71.1	154	0	0	0	
Surr: 4-Bromofluorobenzene	53.36	0	50.00	0	107	64.6	123	0	0	0	
Surr: Dibromofluoromethane	54.93	0	50.00	0	110	76.6	133	0	0	0	
Surr: Toluene-d8	51.00	0	50.00	0	102	77.8	120	0	0	0	

Sample ID: 1304L39-001AMSD	Client ID:					Units: ug/L	Prep Date: 04/24/2013	Run No: 242779			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175268	Analysis Date: 04/25/2013	Seq No: 5084976			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	55.00	5.0	50.00	0	110	60	168	56.75	3.13	18.6	
Benzene	56.79	5.0	50.00	0	114	66.6	148	54.79	3.58	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: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175268

Sample ID: 1304L39-001AMSD	Client ID:				Units: ug/L	Prep Date: 04/24/2013	Run No: 242779				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175268	Analysis Date: 04/25/2013	Seq No: 5084976				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	48.14	5.0	50.00	0	96.3	71.9	135	45.21	6.28	20	
Toluene	52.71	5.0	50.00	0	105	68	149	51.67	1.99	20	
Trichloroethene	54.81	5.0	50.00	0	110	71.1	154	51.75	5.74	20	
Surr: 4-Bromofluorobenzene	55.29	0	50.00	0	111	64.6	123	53.36	0	0	
Surr: Dibromofluoromethane	55.84	0	50.00	0	112	76.6	133	54.93	0	0	
Surr: Toluene-d8	50.49	0	50.00	0	101	77.8	120	51.00	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: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175319

Sample ID: MB-175319	Client ID:	Units: mg/Kg			Prep Date: 04/25/2013	Run No: 242812					
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 175319			Analysis Date: 04/25/2013	Seq No: 5084762					
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	0.25	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	0.25	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2.5	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	0.50	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	0.50	0	0	0	0	0	0	0	0	
Acetone	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	0.25	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	0.25	0	0	0	0	0	0	0	0	
Bromoform	BRL	0.25	0	0	0	0	0	0	0	0	
Bromomethane	BRL	0.25	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	0.50	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	0.25	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
Chloroethane	BRL	0.50	0	0	0	0	0	0	0	0	
Chloroform	BRL	0.25	0	0	0	0	0	0	0	0	
Chloromethane	BRL	0.50	0	0	0	0	0	0	0	0	

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

Client: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175319

Sample ID: MB-175319		Client ID:				Units: mg/Kg		Prep Date: 04/25/2013		Run No: 242812	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175319		Analysis Date: 04/25/2013		Seq No: 5084762	
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	0.25	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	0.25	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	0.25	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	0.25	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	0.50	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	0.25	0	0	0	0	0	0	0	0	
Freon-113	BRL	0.50	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	0.25	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	0.25	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	0.25	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	0.25	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	0.25	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	0.25	0	0	0	0	0	0	0	0	
o-Xylene	BRL	0.25	0	0	0	0	0	0	0	0	
Styrene	BRL	0.25	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
Toluene	BRL	0.25	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	0.25	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	0.25	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	0.50	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2.452	0	2.500	0	98.1	63.8	133	0	0	0	
Surr: Dibromofluoromethane	2.193	0	2.500	0	87.7	74.3	130	0	0	0	
Surr: Toluene-d8	2.160	0	2.500	0	86.4	72.8	122	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175319

Sample ID: LCS-175319	Client ID:					Units: mg/Kg	Prep Date: 04/25/2013	Run No: 242812			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175319	Analysis Date: 04/25/2013	Seq No: 5084760			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2.010	0.25	2.500	0	80.4	63.1	140	0	0	0	
Benzene	2.134	0.25	2.500	0	85.4	70.2	130	0	0	0	
Chlorobenzene	1.885	0.25	2.500	0	75.4	70	126	0	0	0	
Toluene	2.105	0.25	2.500	0	84.2	70.5	130	0	0	0	
Trichloroethene	1.922	0.25	2.500	0	76.9	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	2.772	0	2.500	0	111	63.8	133	0	0	0	
Surr: Dibromofluoromethane	2.220	0	2.500	0	88.8	74.3	130	0	0	0	
Surr: Toluene-d8	2.266	0	2.500	0	90.6	72.8	122	0	0	0	

Sample ID: 1304J58-004AMS	Client ID:					Units: mg/Kg-dry	Prep Date: 04/25/2013	Run No: 242812			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175319	Analysis Date: 04/25/2013	Seq No: 5085676			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.381	0.19	1.886	0	73.2	58.8	157	0	0	0	
Benzene	1.869	0.19	1.886	0	99.1	66.3	139	0	0	0	
Chlorobenzene	1.581	0.19	1.886	0	83.8	67.8	131	0	0	0	
Toluene	1.858	0.19	1.886	0.05695	95.5	66	138	0	0	0	
Trichloroethene	1.723	0.19	1.886	0	91.3	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	2.083	0	1.886	0	110	63.8	133	0	0	0	
Surr: Dibromofluoromethane	1.623	0	1.886	0	86.1	74.3	130	0	0	0	
Surr: Toluene-d8	1.692	0	1.886	0	89.7	72.8	122	0	0	0	

Sample ID: 1304J58-004AMSD	Client ID:				Units: mg/Kg-dry	Prep Date: 04/25/2013	Run No: 242812				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175319	Analysis Date: 04/25/2013	Seq No: 5085677				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.293	0.19	1.886	0	68.6	58.8	157	1.381	6.54	21.9	
Benzene	1.824	0.19	1.886	0	96.7	66.3	139	1.869	2.41	22.3	

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: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175319

Sample ID: 1304J58-004AMSD	Client ID:				Units: mg/Kg-dry	Prep Date: 04/25/2013	Run No: 242812				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175319	Analysis Date: 04/25/2013	Seq No: 5085677				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	1.548	0.19	1.886	0	82.1	67.8	131	1.581	2.07	17.3	
Toluene	1.763	0.19	1.886	0.05695	90.4	66	138	1.858	5.27	18.1	
Trichloroethene	1.651	0.19	1.886	0	87.6	72.5	141	1.723	4.23	18.7	
Surr: 4-Bromofluorobenzene	2.138	0	1.886	0	113	63.8	133	2.083	0	0	
Surr: Dibromofluoromethane	1.600	0	1.886	0	84.8	74.3	130	1.623	0	0	
Surr: Toluene-d8	1.719	0	1.886	0	91.1	72.8	122	1.692	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: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175364

Sample ID: MB-175364	Client ID:	Units: mg/Kg			Prep Date: 04/26/2013	Run No: 242906					
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 175364			Analysis Date: 04/26/2013	Seq No: 5087077					
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	0.0050	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	0.0050	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
2-Butanone	BRL	0.050	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	0.010	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	0.010	0	0	0	0	0	0	0	0	
Acetone	BRL	0.10	0	0	0	0	0	0	0	0	
Benzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromoform	BRL	0.0050	0	0	0	0	0	0	0	0	
Bromomethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	0.010	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	0.0050	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Chloroethane	BRL	0.010	0	0	0	0	0	0	0	0	
Chloroform	BRL	0.0050	0	0	0	0	0	0	0	0	
Chloromethane	BRL	0.010	0	0	0	0	0	0	0	0	

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

Client: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175364

Sample ID: MB-175364		Client ID:				Units: mg/Kg		Prep Date: 04/26/2013		Run No: 242906	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175364		Analysis Date: 04/26/2013		Seq No: 5087077	
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	0.0050	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	0.0050	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	0.0050	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	0.010	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
Freon-113	BRL	0.010	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	0.0050	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	0.0050	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	0.0050	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	0.0050	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	0.0050	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	0.0050	0	0	0	0	0	0	0	0	
o-Xylene	BRL	0.0050	0	0	0	0	0	0	0	0	
Styrene	BRL	0.0050	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
Toluene	BRL	0.0050	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	0.0050	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	0.0050	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	0.0050	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	0.010	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	0.04124	0	0.0500	0	82.5	63.8	133	0	0	0	
Surr: Dibromofluoromethane	0.05116	0	0.0500	0	102	74.3	130	0	0	0	
Surr: Toluene-d8	0.04861	0	0.0500	0	97.2	72.8	122	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175364

Sample ID: LCS-175364	Client ID:					Units: mg/Kg	Prep Date: 04/26/2013	Run No: 242906			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175364	Analysis Date: 04/26/2013	Seq No: 5087110			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.05628	0.0050	0.0500	0	113	63.1	140	0	0	0	
Benzene	0.05616	0.0050	0.0500	0	112	70.2	130	0	0	0	
Chlorobenzene	0.04979	0.0050	0.0500	0	99.6	70	126	0	0	0	
Toluene	0.05333	0.0050	0.0500	0	107	70.5	130	0	0	0	
Trichloroethene	0.05525	0.0050	0.0500	0	110	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	0.05211	0	0.0500	0	104	63.8	133	0	0	0	
Surr: Dibromofluoromethane	0.05026	0	0.0500	0	101	74.3	130	0	0	0	
Surr: Toluene-d8	0.04810	0	0.0500	0	96.2	72.8	122	0	0	0	

Sample ID: 1304N71-003AMS	Client ID:					Units: mg/Kg-dry	Prep Date: 04/26/2013	Run No: 242940			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175364	Analysis Date: 04/29/2013	Seq No: 5087675			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.05757	0.0059	0.0592	0	97.3	58.8	157	0	0	0	
Benzene	0.06092	0.0059	0.0592	0	103	66.3	139	0	0	0	
Chlorobenzene	0.05693	0.0059	0.0592	0	96.2	67.8	131	0	0	0	
Toluene	0.05338	0.0059	0.0592	0	90.2	66	138	0	0	0	
Trichloroethene	0.05906	0.0059	0.0592	0	99.8	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	0.05956	0	0.0592	0	101	63.8	133	0	0	0	
Surr: Dibromofluoromethane	0.05866	0	0.0592	0	99.1	74.3	130	0	0	0	
Surr: Toluene-d8	0.05699	0	0.0592	0	96.3	72.8	122	0	0	0	

Sample ID: 1304N71-003AMSD	Client ID:				Units: mg/Kg-dry	Prep Date: 04/26/2013	Run No: 242940				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175364	Analysis Date: 04/29/2013	Seq No: 5087676				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.05091	0.0059	0.0592	0	86.0	58.8	157	0.05757	12.3	21.9	
Benzene	0.05556	0.0059	0.0592	0	93.9	66.3	139	0.06092	9.21	22.3	

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: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175364

Sample ID: 1304N71-003AMSD	Client ID:				Units: mg/Kg-dry	Prep Date: 04/26/2013	Run No: 242940				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175364	Analysis Date: 04/29/2013	Seq No: 5087676				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	0.05207	0.0059	0.0592	0	88.0	67.8	131	0.05693	8.93	17.3	
Toluene	0.04854	0.0059	0.0592	0	82.0	66	138	0.05338	9.50	18.1	
Trichloroethene	0.05253	0.0059	0.0592	0	88.7	72.5	141	0.05906	11.7	18.7	
Surr: 4-Bromofluorobenzene	0.05899	0	0.0592	0	99.7	63.8	133	0.05956	0	0	
Surr: Dibromofluoromethane	0.05904	0	0.0592	0	99.7	74.3	130	0.05866	0	0	
Surr: Toluene-d8	0.05806	0	0.0592	0	98.1	72.8	122	0.05699	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: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175425

Sample ID: MB-175425		Client ID:				Units: mg/Kg		Prep Date: 04/29/2013		Run No: 242969	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175425		Analysis Date: 04/29/2013		Seq No: 5087698	
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	0.25	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	0.25	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2.5	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	0.50	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	0.50	0	0	0	0	0	0	0	0	
Acetone	BRL	5.0	0	0	0	0	0	0	0	0	
Benzene	BRL	0.25	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	0.25	0	0	0	0	0	0	0	0	
Bromoform	BRL	0.25	0	0	0	0	0	0	0	0	
Bromomethane	BRL	0.25	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	0.50	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	0.25	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
Chloroethane	BRL	0.50	0	0	0	0	0	0	0	0	
Chloroform	BRL	0.25	0	0	0	0	0	0	0	0	
Chloromethane	BRL	0.50	0	0	0	0	0	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175425

Sample ID: MB-175425		Client ID:				Units: mg/Kg		Prep Date: 04/29/2013		Run No: 242969	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175425		Analysis Date: 04/29/2013		Seq No: 5087698	
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	0.25	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	0.25	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	0.25	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	0.25	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	0.50	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	0.25	0	0	0	0	0	0	0	0	
Freon-113	BRL	0.50	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	0.25	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	0.25	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	0.25	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	0.25	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	0.25	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	0.25	0	0	0	0	0	0	0	0	
o-Xylene	BRL	0.25	0	0	0	0	0	0	0	0	
Styrene	BRL	0.25	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
Toluene	BRL	0.25	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	0.25	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	0.25	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	0.50	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2.316	0	2.500	0	92.7	63.8	133	0	0	0	
Surr: Dibromofluoromethane	2.716	0	2.500	0	109	74.3	130	0	0	0	
Surr: Toluene-d8	2.426	0	2.500	0	97.1	72.8	122	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175425

Sample ID: LCS-175425	Client ID:					Units: mg/Kg	Prep Date: 04/29/2013	Run No: 242969			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175425	Analysis Date: 04/29/2013	Seq No: 5087700			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3.072	0.25	2.500	0	123	63.1	140	0	0	0	
Benzene	2.478	0.25	2.500	0	99.1	70.2	130	0	0	0	
Chlorobenzene	2.248	0.25	2.500	0	89.9	70	126	0	0	0	
Toluene	2.494	0.25	2.500	0	99.8	70.5	130	0	0	0	
Trichloroethene	2.368	0.25	2.500	0	94.7	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	2.576	0	2.500	0	103	63.8	133	0	0	0	
Surr: Dibromofluoromethane	2.709	0	2.500	0	108	74.3	130	0	0	0	
Surr: Toluene-d8	2.512	0	2.500	0	100	72.8	122	0	0	0	

Sample ID: 1304L26-009AMS	Client ID: B10-9-10'				Units: mg/Kg-dry	Prep Date: 04/29/2013	Run No: 242969				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175425	Analysis Date: 04/29/2013	Seq No: 5087703				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.763	0.16	1.563	0	113	58.8	157	0	0	0	
Benzene	1.527	0.16	1.563	0	97.7	66.3	139	0	0	0	
Chlorobenzene	1.366	0.16	1.563	0	87.4	67.8	131	0	0	0	
Toluene	1.513	0.16	1.563	0	96.8	66	138	0	0	0	
Trichloroethene	1.488	0.16	1.563	0	95.2	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	1.561	0	1.563	0	99.9	63.8	133	0	0	0	
Surr: Dibromofluoromethane	1.596	0	1.563	0	102	74.3	130	0	0	0	
Surr: Toluene-d8	1.546	0	1.563	0	98.9	72.8	122	0	0	0	

Sample ID: 1304L26-009AMSD	Client ID: B10-9-10'	Units: mg/Kg-dry			Prep Date: 04/29/2013	Run No: 242969					
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 175425			Analysis Date: 04/29/2013	Seq No: 5087704					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.752	0.16	1.563	0	112	58.8	157	1.763	0.622	21.9	
Benzene	1.512	0.16	1.563	0	96.7	66.3	139	1.527	0.988	22.3	

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: ETRI
Project Name: Westside Cleaners
Workorder: 1304L26

ANALYTICAL QC SUMMARY REPORT

BatchID: 175425

Sample ID: 1304L26-009AMSD	Client ID: B10-9-10'	Units: mg/Kg-dry	Prep Date: 04/29/2013	Run No: 242969							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 175425	Analysis Date: 04/29/2013	Seq No: 5087704							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	1.362	0.16	1.563	0	87.1	67.8	131	1.366	0.344	17.3	
Toluene	1.498	0.16	1.563	0	95.9	66	138	1.513	0.955	18.1	
Trichloroethene	1.495	0.16	1.563	0	95.7	72.5	141	1.488	0.524	18.7	
Surr: 4-Bromofluorobenzene	1.574	0	1.563	0	101	63.8	133	1.561	0	0	
Surr: Dibromofluoromethane	1.620	0	1.563	0	104	74.3	130	1.596	0	0	
Surr: Toluene-d8	1.576	0	1.563	0	101	72.8	122	1.546	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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 02, 2013

Tom Harper
ETRI
4780 Ashford Dunwoody, Suite A-456
Atlanta GA 30338

TEL: (770) 888-8181
FAX: (770) 888-8188

RE: Westside Cleaners

Dear Tom Harper:

Order No: 1304O40

Analytical Environmental Services, Inc. received 4 samples on 4/26/2013 12:50:00 PM for the analyses presented in following report.

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

AES' certifications are as follows:

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

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

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

Nicole Jessup
Project Manager



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

CHAIN OF CUSTODY

Work Order: 1364040

Date:

Page

of

COMPANY:		ADDRESS:		ANALYSIS REQUESTED								Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers			
PHONE:		FAX:															
SAMPLED BY:		SIGNATURE:		PRESERVATION (See codes)								REMARKS					
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)											
1	MW-1	4/26/13	1052	X		BW	X										
2	MW-2	4/26/13	1125	V		GW	X										
3	MW-3	4/26/13	1154	X		GW	A										
4	TRIP BLANK																
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION								RECEIPT	
Thomas Kelly		4/26/13 1250		Larry P		4/26/13 12:50pm		PROJECT NAME: Westside Cleaners								Total # of Containers	
2:				2:				PROJECT #:								Turnaround Time Request	
3:				3:				SITE ADDRESS: 700 Smdtown Rd. Marietta GA								Standard 5 Business Days	
								SEND REPORT TO:								2 Business Day Rush	
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD OUT / / VIA: IN / / VIA: CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER _____						INVOICE TO: (IF DIFFERENT FROM ABOVE) QUOTE #: _____ PO#: _____								Next Business Day Rush	
																Same Day Rush (auth req.)	
																Other _____	
																STATE PROGRAM (if any): _____	
																E-mail? Y/N; Fax? Y/N	
																DATA PACKAGE: I II III IV	

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

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

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White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc
Date: 8-May-13

Client:	ETRI	Client Sample ID:	MW-1
Project Name:	Westside Cleaners	Collection Date:	4/26/2013 10:52:00 AM
Lab ID:	1304O40-001	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,1,2-Trichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,1-Dichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,1-Dichloroethene	5.0	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,2-Dibromoethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,2-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,2-Dichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,2-Dichloropropane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,3-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
1,4-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
2-Butanone	BRL	50		ug/L	175534	1	05/01/2013 12:41	YT
2-Hexanone	BRL	10		ug/L	175534	1	05/01/2013 12:41	YT
4-Methyl-2-pentanone	BRL	10		ug/L	175534	1	05/01/2013 12:41	YT
Acetone	BRL	50		ug/L	175534	1	05/01/2013 12:41	YT
Benzene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Bromodichloromethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Bromoform	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Bromomethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Carbon disulfide	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Carbon tetrachloride	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Chlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Chloroethane	BRL	10		ug/L	175534	1	05/01/2013 12:41	YT
Chloroform	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Chloromethane	BRL	10		ug/L	175534	1	05/01/2013 12:41	YT
cis-1,2-Dichloroethene	2100	500		ug/L	175534	100	05/02/2013 12:34	YT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Cyclohexane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Dibromochloromethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Dichlorodifluoromethane	BRL	10		ug/L	175534	1	05/01/2013 12:41	YT
Ethylbenzene	6.0	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Freon-113	BRL	10		ug/L	175534	1	05/01/2013 12:41	YT
Isopropylbenzene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
m,p-Xylene	11	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Methyl acetate	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Methyl tert-butyl ether	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Methylcyclohexane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Methylene chloride	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
o-Xylene	5.2	5.0		ug/L	175534	1	05/01/2013 12:41	YT

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: 8-May-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304O40-001

Client Sample ID: MW-1
 Collection Date: 4/26/2013 10:52:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Tetrachloroethene	6300	500		ug/L	175534	100	05/02/2013 12:34	YT
Toluene	8.2	5.0		ug/L	175534	1	05/01/2013 12:41	YT
trans-1,2-Dichloroethene	30	5.0		ug/L	175534	1	05/01/2013 12:41	YT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Trichloroethene	740	500		ug/L	175534	100	05/02/2013 12:34	YT
Trichlorofluoromethane	BRL	5.0		ug/L	175534	1	05/01/2013 12:41	YT
Vinyl chloride	430	200		ug/L	175534	100	05/02/2013 12:34	YT
Surr: 4-Bromofluorobenzene	92	64.6-123		%REC	175534	100	05/02/2013 12:34	YT
Surr: 4-Bromofluorobenzene	94.2	64.6-123		%REC	175534	1	05/01/2013 12:41	YT
Surr: Dibromofluoromethane	108	76.6-133		%REC	175534	1	05/01/2013 12:41	YT
Surr: Dibromofluoromethane	111	76.6-133		%REC	175534	100	05/02/2013 12:34	YT
Surr: Toluene-d8	98.7	77.8-120		%REC	175534	1	05/01/2013 12:41	YT
Surr: Toluene-d8	101	77.8-120		%REC	175534	100	05/02/2013 12:34	YT

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: 8-May-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304O40-002

Client Sample ID: MW-2
 Collection Date: 4/26/2013 11:25:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,1,2-Trichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,1-Dichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,1-Dichloroethene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,2-Dibromoethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,2-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,2-Dichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,2-Dichloropropane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,3-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
1,4-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
2-Butanone	BRL	50		ug/L	175534	1	05/01/2013 17:13	YT
2-Hexanone	BRL	10		ug/L	175534	1	05/01/2013 17:13	YT
4-Methyl-2-pentanone	BRL	10		ug/L	175534	1	05/01/2013 17:13	YT
Acetone	BRL	50		ug/L	175534	1	05/01/2013 17:13	YT
Benzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Bromodichloromethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Bromoform	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Bromomethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Carbon disulfide	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Carbon tetrachloride	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Chlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Chloroethane	BRL	10		ug/L	175534	1	05/01/2013 17:13	YT
Chloroform	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Chloromethane	BRL	10		ug/L	175534	1	05/01/2013 17:13	YT
cis-1,2-Dichloroethene	1400	250		ug/L	175534	50	05/02/2013 13:53	YT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Cyclohexane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Dibromochloromethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Dichlorodifluoromethane	BRL	10		ug/L	175534	1	05/01/2013 17:13	YT
Ethylbenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Freon-113	BRL	10		ug/L	175534	1	05/01/2013 17:13	YT
Isopropylbenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
m,p-Xylene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Methyl acetate	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Methyl tert-butyl ether	10	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Methylcyclohexane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Methylene chloride	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
o-Xylene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT

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: 8-May-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304O40-002

Client Sample ID: MW-2
 Collection Date: 4/26/2013 11:25:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Tetrachloroethene	1900	250		ug/L	175534	50	05/02/2013 13:53	YT
Toluene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
trans-1,2-Dichloroethene	20	5.0		ug/L	175534	1	05/01/2013 17:13	YT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Trichloroethene	240	200		ug/L	175534	50	05/02/2013 13:53	YT
Trichlorofluoromethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:13	YT
Vinyl chloride	190	2.0		ug/L	175534	1	05/01/2013 17:13	YT
Surr: 4-Bromofluorobenzene	90.8	64.6-123		%REC	175534	50	05/02/2013 13:53	YT
Surr: 4-Bromofluorobenzene	89	64.6-123		%REC	175534	1	05/01/2013 17:13	YT
Surr: Dibromofluoromethane	111	76.6-133		%REC	175534	50	05/02/2013 13:53	YT
Surr: Dibromofluoromethane	110	76.6-133		%REC	175534	1	05/01/2013 17:13	YT
Surr: Toluene-d8	102	77.8-120		%REC	175534	50	05/02/2013 13:53	YT
Surr: Toluene-d8	101	77.8-120		%REC	175534	1	05/01/2013 17:13	YT

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: 8-May-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304O40-003

Client Sample ID: MW-3
 Collection Date: 4/26/2013 11:54:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,1,2-Trichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,1-Dichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,1-Dichloroethene	6.9	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,2-Dibromoethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,2-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,2-Dichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,2-Dichloropropane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,3-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
1,4-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
2-Butanone	BRL	50		ug/L	175534	1	05/01/2013 17:38	YT
2-Hexanone	BRL	10		ug/L	175534	1	05/01/2013 17:38	YT
4-Methyl-2-pentanone	BRL	10		ug/L	175534	1	05/01/2013 17:38	YT
Acetone	BRL	50		ug/L	175534	1	05/01/2013 17:38	YT
Benzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Bromodichloromethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Bromoform	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Bromomethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Carbon disulfide	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Carbon tetrachloride	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Chlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Chloroethane	BRL	10		ug/L	175534	1	05/01/2013 17:38	YT
Chloroform	13	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Chloromethane	BRL	10		ug/L	175534	1	05/01/2013 17:38	YT
cis-1,2-Dichloroethene	3900	2500		ug/L	175534	500	05/02/2013 13:02	YT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Cyclohexane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Dibromochloromethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Dichlorodifluoromethane	BRL	10		ug/L	175534	1	05/01/2013 17:38	YT
Ethylbenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Freon-113	BRL	10		ug/L	175534	1	05/01/2013 17:38	YT
Isopropylbenzene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
m,p-Xylene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Methyl acetate	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Methyl tert-butyl ether	5.4	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Methylcyclohexane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Methylene chloride	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
o-Xylene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT

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: 8-May-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304O40-003

Client Sample ID: MW-3
 Collection Date: 4/26/2013 11:54:00 AM
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Tetrachloroethene	40000	2500		ug/L	175534	500	05/02/2013 13:02	YT
Toluene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
trans-1,2-Dichloroethene	45	5.0		ug/L	175534	1	05/01/2013 17:38	YT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Trichloroethene	910	250		ug/L	175534	50	05/02/2013 13:27	YT
Trichlorofluoromethane	BRL	5.0		ug/L	175534	1	05/01/2013 17:38	YT
Vinyl chloride	330	100		ug/L	175534	50	05/02/2013 13:27	YT
Surr: 4-Bromofluorobenzene	88.8	64.6-123		%REC	175534	50	05/02/2013 13:27	YT
Surr: 4-Bromofluorobenzene	89.9	64.6-123		%REC	175534	500	05/02/2013 13:02	YT
Surr: 4-Bromofluorobenzene	90	64.6-123		%REC	175534	1	05/01/2013 17:38	YT
Surr: Dibromofluoromethane	111	76.6-133		%REC	175534	500	05/02/2013 13:02	YT
Surr: Dibromofluoromethane	111	76.6-133		%REC	175534	1	05/01/2013 17:38	YT
Surr: Dibromofluoromethane	110	76.6-133		%REC	175534	50	05/02/2013 13:27	YT
Surr: Toluene-d8	99.8	77.8-120		%REC	175534	50	05/02/2013 13:27	YT
Surr: Toluene-d8	101	77.8-120		%REC	175534	500	05/02/2013 13:02	YT
Surr: Toluene-d8	99.5	77.8-120		%REC	175534	1	05/01/2013 17:38	YT

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: 8-May-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304O40-004

Client Sample ID: TRIP BLANK
 Collection Date: 4/26/2013
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,1,2-Trichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,1-Dichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,1-Dichloroethene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,2-Dibromoethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,2-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,2-Dichloroethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,2-Dichloropropane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,3-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
1,4-Dichlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
2-Butanone	BRL	50		ug/L	175534	1	05/01/2013 16:47	YT
2-Hexanone	BRL	10		ug/L	175534	1	05/01/2013 16:47	YT
4-Methyl-2-pentanone	BRL	10		ug/L	175534	1	05/01/2013 16:47	YT
Acetone	BRL	50		ug/L	175534	1	05/01/2013 16:47	YT
Benzene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Bromodichloromethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Bromoform	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Bromomethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Carbon disulfide	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Carbon tetrachloride	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Chlorobenzene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Chloroethane	BRL	10		ug/L	175534	1	05/01/2013 16:47	YT
Chloroform	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Chloromethane	BRL	10		ug/L	175534	1	05/01/2013 16:47	YT
cis-1,2-Dichloroethene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
cis-1,3-Dichloropropene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Cyclohexane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Dibromochloromethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Dichlorodifluoromethane	BRL	10		ug/L	175534	1	05/01/2013 16:47	YT
Ethylbenzene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Freon-113	BRL	10		ug/L	175534	1	05/01/2013 16:47	YT
Isopropylbenzene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
m,p-Xylene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Methyl acetate	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Methyl tert-butyl ether	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Methylcyclohexane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Methylene chloride	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
o-Xylene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT

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: 8-May-13

Client: ETRI
 Project Name: Westside Cleaners
 Lab ID: 1304O40-004

Client Sample ID: TRIP BLANK
 Collection Date: 4/26/2013
 Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Tetrachloroethene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Toluene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
trans-1,2-Dichloroethene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
trans-1,3-Dichloropropene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Trichloroethene	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Trichlorofluoromethane	BRL	5.0		ug/L	175534	1	05/01/2013 16:47	YT
Vinyl chloride	BRL	2.0		ug/L	175534	1	05/01/2013 16:47	YT
Surr: 4-Bromofluorobenzene	91.8	64.6-123		%REC	175534	1	05/01/2013 16:47	YT
Surr: Dibromofluoromethane	109	76.6-133		%REC	175534	1	05/01/2013 16:47	YT
Surr: Toluene-d8	101	77.8-120		%REC	175534	1	05/01/2013 16:47	YT

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 ETRI

Work Order Number 134040

Checklist completed by Ms. Serna 4-26-13
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? ($4^{\circ}\text{C} \pm 2$) * Yes ☒ No ☐

Cooler #1 3.2 Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☐ No ☒

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

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

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

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

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

See Case Narrative for resolution of the Non-Conformance.

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

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304O40

ANALYTICAL QC SUMMARY REPORT

BatchID: 175534

Sample ID: MB-175534	Client ID:					Units: ug/L	Prep Date: 05/01/2013	Run No: 243133			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175534	Analysis Date: 05/01/2013	Seq No: 5090885			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304O40

ANALYTICAL QC SUMMARY REPORT

BatchID: 175534

Sample ID: MB-175534		Client ID:				Units: ug/L		Prep Date: 05/01/2013		Run No: 243133	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175534		Analysis Date: 05/01/2013		Seq No: 5090885	
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	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
m,p-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
o-Xylene	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	45.36	0	50.00	0	90.7	64.6	123	0	0	0	
Surr: Dibromofluoromethane	53.90	0	50.00	0	108	76.6	133	0	0	0	
Surr: Toluene-d8	48.58	0	50.00	0	97.2	77.8	120	0	0	0	

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

Client: ETRI
 Project Name: Westside Cleaners
 Workorder: 1304O40

ANALYTICAL QC SUMMARY REPORT

BatchID: 175534

Sample ID: LCS-175534	Client ID:					Units: ug/L	Prep Date: 05/01/2013	Run No: 243133			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 175534	Analysis Date: 05/01/2013	Seq No: 5090902			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	58.03	5.0	50.00	0	116	61.1	142	0	0	0	
Benzene	49.78	5.0	50.00	0	99.6	73.5	130	0	0	0	
Chlorobenzene	44.57	5.0	50.00	0	89.1	72.4	123	0	0	0	
Toluene	50.06	5.0	50.00	0	100	73.6	130	0	0	0	
Trichloroethene	47.36	5.0	50.00	0	94.7	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	51.68	0	50.00	0	103	64.6	123	0	0	0	
Surr: Dibromofluoromethane	55.21	0	50.00	0	110	76.6	133	0	0	0	
Surr: Toluene-d8	51.86	0	50.00	0	104	77.8	120	0	0	0	

Sample ID: 1304O40-001AMS	Client ID: MW-1	Units: ug/L			Prep Date: 05/01/2013	Run No: 243133					
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 175534			Analysis Date: 05/01/2013	Seq No: 5091916					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	7135	500	5000	0	143	60	168	0	0	0	
Benzene	5657	500	5000	0	113	66.6	148	0	0	0	
Chlorobenzene	4956	500	5000	0	99.1	71.9	135	0	0	0	
Toluene	5733	500	5000	0	115	68	149	0	0	0	
Trichloroethene	5569	500	5000	742.0	96.5	71.1	154	0	0	0	
Surr: 4-Bromofluorobenzene	5298	0	5000	0	106	64.6	123	0	0	0	
Surr: Dibromofluoromethane	5537	0	5000	0	111	76.6	133	0	0	0	
Surr: Toluene-d8	5167	0	5000	0	103	77.8	120	0	0	0	

Sample ID: 1304O40-001AMSD	Client ID: MW-1				Units: ug/L	Prep Date: 05/01/2013	Run No: 243133				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 175534	Analysis Date: 05/01/2013	Seq No: 5091920				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	6873	500	5000	0	137	60	168	7135	3.74	18.6	
Benzene	5516	500	5000	0	110	66.6	148	5657	2.52	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: ETRI
Project Name: Westside Cleaners
Workorder: 1304O40

ANALYTICAL QC SUMMARY REPORT

BatchID: 175534

Sample ID: 1304O40-001AMSD	Client ID: MW-1	Units: ug/L	Prep Date: 05/01/2013	Run No: 243133							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 175534	Analysis Date: 05/01/2013	Seq No: 5091920							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	4891	500	5000	0	97.8	71.9	135	4956	1.32	20	
Toluene	5569	500	5000	0	111	68	149	5733	2.90	20	
Trichloroethene	5398	500	5000	742.0	93.1	71.1	154	5569	3.12	20	
Surr: 4-Bromofluorobenzene	5126	0	5000	0	103	64.6	123	5298	0	0	
Surr: Dibromofluoromethane	5453	0	5000	0	109	76.6	133	5537	0	0	
Surr: Toluene-d8	5116	0	5000	0	102	77.8	120	5167	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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 23, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

TEL: (770) 962-5922
FAX: (770) 962-7964

RE: 700 Sandtown Rd.

Dear Michael Haller:

Order No: 1503E33

Analytical Environmental Services, Inc. received 6 samples on 3/16/2015 1:40:00 PM for the analyses presented in following report.

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

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/14-06/30/15.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

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

Dorothy deBruvn
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES

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

CHAIN OF CUSTODY

Work Order: SD3E33

Date: _____ Page _____ of _____

COMPANY: <u>Sailors Env</u>		ADDRESS:		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers	
PHONE: <u>770) 952-5922</u>		FAX: <u>770) 952-7964</u>		PRESERVATION (See codes)													
SAMPLED BY: <u>Lazzari</u>		SIGNATURE: <u>[Signature]</u>												REMARKS			
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)											
		DATE	TIME														
1	<u>MW-1</u>	<u>3-15-15</u>	<u>12:51</u>	<u>X</u>		<u>GW</u>	<u>X</u>										
2	<u>MW-2</u>	<u>3-13-15</u>	<u>14:12</u>	<u>X</u>		<u>W</u>	<u>X</u>										
3	<u>MW-3</u>	<u>3-13-15</u>	<u>12:51</u>	<u>X</u>		<u>W</u>	<u>X</u>										
4	<u>MW-4</u>	<u>3-13-15</u>	<u>15:11</u>	<u>X</u>		<u>W</u>	<u>X</u>										
5	<u>MW-5</u>	<u>3-15-15</u>	<u>11:16</u>	<u>X</u>		<u>W</u>	<u>X</u>										
6	<u>Trip Blank</u>						<u>X</u>										
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION		RECEIPT	
1: <u>[Signature]</u>	<u>3-15-15</u>	1: <u>Latoya Reeves</u>	<u>3/16/15 1:40p</u>	PROJECT NAME: <u>700 Summit Blvd NW</u>		Total # of Containers <u>10</u>	
2:		2:		PROJECT #: <u>152-018</u>		Turnaround Time Request ☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other _____	
3:		3:		SITE ADDRESS:			
SPECIAL INSTRUCTIONS/COMMENTS:				SEND REPORT TO: <u>Mike Haller</u>		STATE PROGRAM (if any): _____ E-mail? Y/N; Fax? Y/N DATA PACKAGE: I II III IV	
				INVOICE TO: (IF DIFFERENT FROM ABOVE)			
				QUOTE #:		PO#:	

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

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
 SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water 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

Analytical Environmental Services, Inc
Date: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-001

Client Sample ID: MW-1
Collection Date: 3/16/2015 12:51:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,1-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,1-Dichloroethene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,2-Dibromoethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,2-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,2-Dichloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
2-Butanone	BRL	10		ug/L	204666	1	03/18/2015 04:44	CH
2-Hexanone	BRL	10		ug/L	204666	1	03/18/2015 04:44	CH
4-Methyl-2-pentanone	BRL	10		ug/L	204666	1	03/18/2015 04:44	CH
Acetone	BRL	20		ug/L	204666	1	03/18/2015 04:44	CH
Benzene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Bromodichloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Bromoform	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Bromomethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Carbon disulfide	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Carbon tetrachloride	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Chlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Chloroethane	BRL	10		ug/L	204666	1	03/18/2015 04:44	CH
Chloroform	8.6	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Chloromethane	BRL	10		ug/L	204666	1	03/18/2015 04:44	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Cyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Dibromochloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Dichlorodifluoromethane	BRL	10		ug/L	204666	1	03/18/2015 04:44	CH
Ethylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Freon-113	BRL	10		ug/L	204666	1	03/18/2015 04:44	CH
Isopropylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
m,p-Xylene	BRL	10		ug/L	204666	1	03/18/2015 04:44	CH
Methyl acetate	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Methylcyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Methylene chloride	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
o-Xylene	5.2	5.0		ug/L	204666	1	03/18/2015 04:44	CH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-001

Client Sample ID: MW-1
Collection Date: 3/16/2015 12:51:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Tetrachloroethene	39000	2500		ug/L	204666	500	03/19/2015 21:04	CH
Toluene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
trans-1,2-Dichloroethene	33	5.0		ug/L	204666	1	03/18/2015 04:44	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Trichloroethene	1000	50		ug/L	204666	10	03/19/2015 21:28	CH
Trichlorofluoromethane	BRL	5.0		ug/L	204666	1	03/18/2015 04:44	CH
Vinyl chloride	150	2.0		ug/L	204666	1	03/18/2015 04:44	CH
Surr: 4-Bromofluorobenzene	81	70.6-123		%REC	204666	500	03/19/2015 21:04	CH
Surr: 4-Bromofluorobenzene	80.9	70.6-123		%REC	204666	10	03/19/2015 21:28	CH
Surr: 4-Bromofluorobenzene	91.1	70.6-123		%REC	204666	1	03/18/2015 04:44	CH
Surr: Dibromofluoromethane	87.3	78.7-124		%REC	204666	500	03/19/2015 21:04	CH
Surr: Dibromofluoromethane	86.1	78.7-124		%REC	204666	1	03/18/2015 04:44	CH
Surr: Dibromofluoromethane	86.2	78.7-124		%REC	204666	10	03/19/2015 21:28	CH
Surr: Toluene-d8	93.4	81.3-120		%REC	204666	500	03/19/2015 21:04	CH
Surr: Toluene-d8	83.5	81.3-120		%REC	204666	1	03/18/2015 04:44	CH
Surr: Toluene-d8	92.3	81.3-120		%REC	204666	10	03/19/2015 21:28	CH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-002

Client Sample ID: MW-2
Collection Date: 3/13/2015 2:12:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,1-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,1-Dichloroethene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,2-Dibromoethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,2-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,2-Dichloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
2-Butanone	BRL	10		ug/L	204666	1	03/18/2015 05:08	CH
2-Hexanone	BRL	10		ug/L	204666	1	03/18/2015 05:08	CH
4-Methyl-2-pentanone	BRL	10		ug/L	204666	1	03/18/2015 05:08	CH
Acetone	BRL	20		ug/L	204666	1	03/18/2015 05:08	CH
Benzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Bromodichloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Bromoform	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Bromomethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Carbon disulfide	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Carbon tetrachloride	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Chlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Chloroethane	BRL	10		ug/L	204666	1	03/18/2015 05:08	CH
Chloroform	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Chloromethane	BRL	10		ug/L	204666	1	03/18/2015 05:08	CH
cis-1,2-Dichloroethene	2600	500		ug/L	204666	100	03/19/2015 15:28	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Cyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Dibromochloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Dichlorodifluoromethane	BRL	10		ug/L	204666	1	03/18/2015 05:08	CH
Ethylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Freon-113	BRL	10		ug/L	204666	1	03/18/2015 05:08	CH
Isopropylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
m,p-Xylene	BRL	10		ug/L	204666	1	03/18/2015 05:08	CH
Methyl acetate	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Methyl tert-butyl ether	18	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Methylcyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Methylene chloride	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
o-Xylene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-002

Client Sample ID: MW-2
Collection Date: 3/13/2015 2:12:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Tetrachloroethene	2400	500		ug/L	204666	100	03/19/2015 15:28	TH
Toluene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
trans-1,2-Dichloroethene	36	5.0		ug/L	204666	1	03/18/2015 05:08	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Trichloroethene	380	50		ug/L	204666	10	03/19/2015 16:18	TH
Trichlorofluoromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:08	CH
Vinyl chloride	280	20		ug/L	204666	10	03/19/2015 16:18	TH
Surr: 4-Bromofluorobenzene	81.1	70.6-123		%REC	204666	1	03/18/2015 05:08	CH
Surr: 4-Bromofluorobenzene	85	70.6-123		%REC	204666	100	03/19/2015 15:28	TH
Surr: 4-Bromofluorobenzene	87.9	70.6-123		%REC	204666	10	03/19/2015 16:18	TH
Surr: Dibromofluoromethane	87.2	78.7-124		%REC	204666	1	03/18/2015 05:08	CH
Surr: Dibromofluoromethane	116	78.7-124		%REC	204666	10	03/19/2015 16:18	TH
Surr: Dibromofluoromethane	118	78.7-124		%REC	204666	100	03/19/2015 15:28	TH
Surr: Toluene-d8	84.3	81.3-120		%REC	204666	1	03/18/2015 05:08	CH
Surr: Toluene-d8	94.1	81.3-120		%REC	204666	10	03/19/2015 16:18	TH
Surr: Toluene-d8	96.6	81.3-120		%REC	204666	100	03/19/2015 15:28	TH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-003

Client Sample ID: MW-3
Collection Date: 3/13/2015 12:51:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,1-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,1-Dichloroethene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,2-Dibromoethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,2-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,2-Dichloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
2-Butanone	BRL	10		ug/L	204666	1	03/18/2015 05:32	CH
2-Hexanone	BRL	10		ug/L	204666	1	03/18/2015 05:32	CH
4-Methyl-2-pentanone	BRL	10		ug/L	204666	1	03/18/2015 05:32	CH
Acetone	BRL	20		ug/L	204666	1	03/18/2015 05:32	CH
Benzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Bromodichloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Bromoform	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Bromomethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Carbon disulfide	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Carbon tetrachloride	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Chlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Chloroethane	BRL	10		ug/L	204666	1	03/18/2015 05:32	CH
Chloroform	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Chloromethane	BRL	10		ug/L	204666	1	03/18/2015 05:32	CH
cis-1,2-Dichloroethene	1400	500		ug/L	204666	100	03/19/2015 14:39	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Cyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Dibromochloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Dichlorodifluoromethane	BRL	10		ug/L	204666	1	03/18/2015 05:32	CH
Ethylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Freon-113	BRL	10		ug/L	204666	1	03/18/2015 05:32	CH
Isopropylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
m,p-Xylene	BRL	10		ug/L	204666	1	03/18/2015 05:32	CH
Methyl acetate	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Methyl tert-butyl ether	17	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Methylcyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Methylene chloride	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
o-Xylene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-003

Client Sample ID: MW-3
Collection Date: 3/13/2015 12:51:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Tetrachloroethene	5900	500		ug/L	204666	100	03/19/2015 14:39	TH
Toluene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
trans-1,2-Dichloroethene	15	5.0		ug/L	204666	1	03/18/2015 05:32	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Trichloroethene	690	500		ug/L	204666	100	03/19/2015 14:39	TH
Trichlorofluoromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:32	CH
Vinyl chloride	170	2.0		ug/L	204666	1	03/18/2015 05:32	CH
Surr: 4-Bromofluorobenzene	84.3	70.6-123		%REC	204666	1	03/18/2015 05:32	CH
Surr: 4-Bromofluorobenzene	87.7	70.6-123		%REC	204666	100	03/19/2015 14:39	TH
Surr: Dibromofluoromethane	87.1	78.7-124		%REC	204666	1	03/18/2015 05:32	CH
Surr: Dibromofluoromethane	110	78.7-124		%REC	204666	100	03/19/2015 14:39	TH
Surr: Toluene-d8	87.1	81.3-120		%REC	204666	1	03/18/2015 05:32	CH
Surr: Toluene-d8	95.3	81.3-120		%REC	204666	100	03/19/2015 14:39	TH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-004

Client Sample ID: MW-4
Collection Date: 3/13/2015 3:11:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,1-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,1-Dichloroethene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,2-Dibromoethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,2-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,2-Dichloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
2-Butanone	BRL	10		ug/L	204666	1	03/18/2015 05:56	NP
2-Hexanone	BRL	10		ug/L	204666	1	03/18/2015 05:56	NP
4-Methyl-2-pentanone	BRL	10		ug/L	204666	1	03/18/2015 05:56	NP
Acetone	BRL	20		ug/L	204666	1	03/18/2015 05:56	NP
Benzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Bromodichloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Bromoform	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Bromomethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Carbon disulfide	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Carbon tetrachloride	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Chlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Chloroethane	BRL	10		ug/L	204666	1	03/18/2015 05:56	NP
Chloroform	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Chloromethane	BRL	10		ug/L	204666	1	03/18/2015 05:56	NP
cis-1,2-Dichloroethene	2800	500		ug/L	204666	100	03/19/2015 14:14	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Cyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Dibromochloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Dichlorodifluoromethane	BRL	10		ug/L	204666	1	03/18/2015 05:56	NP
Ethylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Freon-113	BRL	10		ug/L	204666	1	03/18/2015 05:56	NP
Isopropylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
m,p-Xylene	BRL	10		ug/L	204666	1	03/18/2015 05:56	NP
Methyl acetate	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Methylcyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Methylene chloride	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
o-Xylene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-004

Client Sample ID: MW-4
Collection Date: 3/13/2015 3:11:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Tetrachloroethene	190	50		ug/L	204666	10	03/19/2015 15:53	TH
Toluene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
trans-1,2-Dichloroethene	11	5.0		ug/L	204666	1	03/18/2015 05:56	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Trichloroethene	120	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Trichlorofluoromethane	BRL	5.0		ug/L	204666	1	03/18/2015 05:56	NP
Vinyl chloride	44	2.0		ug/L	204666	1	03/18/2015 05:56	NP
Surr: 4-Bromofluorobenzene	84.3	70.6-123		%REC	204666	1	03/18/2015 05:56	NP
Surr: 4-Bromofluorobenzene	88.4	70.6-123		%REC	204666	10	03/19/2015 15:53	TH
Surr: 4-Bromofluorobenzene	89.1	70.6-123		%REC	204666	100	03/19/2015 14:14	TH
Surr: Dibromofluoromethane	93.5	78.7-124		%REC	204666	1	03/18/2015 05:56	NP
Surr: Dibromofluoromethane	117	78.7-124		%REC	204666	100	03/19/2015 14:14	TH
Surr: Dibromofluoromethane	117	78.7-124		%REC	204666	10	03/19/2015 15:53	TH
Surr: Toluene-d8	88.8	81.3-120		%REC	204666	1	03/18/2015 05:56	NP
Surr: Toluene-d8	94.7	81.3-120		%REC	204666	10	03/19/2015 15:53	TH
Surr: Toluene-d8	94.7	81.3-120		%REC	204666	100	03/19/2015 14:14	TH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-005

Client Sample ID: MW-5
Collection Date: 3/13/2015 11:16:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,1-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,1-Dichloroethene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,2-Dibromoethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,2-Dichloroethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,2-Dichloropropane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
2-Butanone	BRL	10		ug/L	204666	1	03/18/2015 06:20	NP
2-Hexanone	BRL	10		ug/L	204666	1	03/18/2015 06:20	NP
4-Methyl-2-pentanone	BRL	10		ug/L	204666	1	03/18/2015 06:20	NP
Acetone	BRL	20		ug/L	204666	1	03/18/2015 06:20	NP
Benzene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Bromodichloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Bromoform	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Bromomethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Carbon disulfide	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Carbon tetrachloride	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Chlorobenzene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Chloroethane	BRL	10		ug/L	204666	1	03/18/2015 06:20	NP
Chloroform	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Chloromethane	BRL	10		ug/L	204666	1	03/18/2015 06:20	NP
cis-1,2-Dichloroethene	3100	500		ug/L	204666	100	03/19/2015 15:04	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Cyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Dibromochloromethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Dichlorodifluoromethane	BRL	10		ug/L	204666	1	03/18/2015 06:20	NP
Ethylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Freon-113	BRL	10		ug/L	204666	1	03/18/2015 06:20	NP
Isopropylbenzene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
m,p-Xylene	BRL	10		ug/L	204666	1	03/18/2015 06:20	NP
Methyl acetate	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Methyl tert-butyl ether	15	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Methylcyclohexane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Methylene chloride	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
o-Xylene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP

Qualifiers:

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

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

Analytical Environmental Services, Inc
Date: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-005

Client Sample ID: MW-5
Collection Date: 3/13/2015 11:16:00 AM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Tetrachloroethene	9400	500		ug/L	204666	100	03/19/2015 15:04	TH
Toluene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
trans-1,2-Dichloroethene	32	5.0		ug/L	204666	1	03/18/2015 06:20	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Trichloroethene	600	500		ug/L	204666	100	03/19/2015 15:04	TH
Trichlorofluoromethane	BRL	5.0		ug/L	204666	1	03/18/2015 06:20	NP
Vinyl chloride	95	2.0		ug/L	204666	1	03/18/2015 06:20	NP
Surr: 4-Bromofluorobenzene	85.8	70.6-123		%REC	204666	1	03/18/2015 06:20	NP
Surr: 4-Bromofluorobenzene	87.5	70.6-123		%REC	204666	100	03/19/2015 15:04	TH
Surr: Dibromofluoromethane	89	78.7-124		%REC	204666	1	03/18/2015 06:20	NP
Surr: Dibromofluoromethane	114	78.7-124		%REC	204666	100	03/19/2015 15:04	TH
Surr: Toluene-d8	84.1	81.3-120		%REC	204666	1	03/18/2015 06:20	NP
Surr: Toluene-d8	95.3	81.3-120		%REC	204666	100	03/19/2015 15:04	TH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-006

Client Sample ID: TRIP BLANK
Collection Date: 3/16/2015
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	204666	1	03/17/2015 23:12	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,1-Dichloroethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,1-Dichloroethene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,2-Dibromoethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,2-Dichloroethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,2-Dichloropropane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
2-Butanone	BRL	10		ug/L	204666	1	03/17/2015 23:12	CH
2-Hexanone	BRL	10		ug/L	204666	1	03/17/2015 23:12	CH
4-Methyl-2-pentanone	BRL	10		ug/L	204666	1	03/17/2015 23:12	CH
Acetone	BRL	20		ug/L	204666	1	03/17/2015 23:12	CH
Benzene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Bromodichloromethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Bromoform	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Bromomethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Carbon disulfide	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Carbon tetrachloride	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Chlorobenzene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Chloroethane	BRL	10		ug/L	204666	1	03/17/2015 23:12	CH
Chloroform	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Chloromethane	BRL	10		ug/L	204666	1	03/17/2015 23:12	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Cyclohexane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Dibromochloromethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Dichlorodifluoromethane	BRL	10		ug/L	204666	1	03/17/2015 23:12	CH
Ethylbenzene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Freon-113	BRL	10		ug/L	204666	1	03/17/2015 23:12	CH
Isopropylbenzene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
m,p-Xylene	BRL	10		ug/L	204666	1	03/17/2015 23:12	CH
Methyl acetate	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Methylcyclohexane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Methylene chloride	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
o-Xylene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH

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: 23-Mar-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Lab ID: 1503E33-006

Client Sample ID: TRIP BLANK
Collection Date: 3/16/2015
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	204666	1	03/17/2015 23:12	CH
Tetrachloroethene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Toluene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Trichloroethene	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Trichlorofluoromethane	BRL	5.0		ug/L	204666	1	03/17/2015 23:12	CH
Vinyl chloride	BRL	2.0		ug/L	204666	1	03/17/2015 23:12	CH
Surr: 4-Bromofluorobenzene	84.1	70.6-123		%REC	204666	1	03/17/2015 23:12	CH
Surr: Dibromofluoromethane	86.7	78.7-124		%REC	204666	1	03/17/2015 23:12	CH
Surr: Toluene-d8	85.8	81.3-120		%REC	204666	1	03/17/2015 23:12	CH

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 Shilors Engineering Work Order Number 1503E33
Checklist completed by Amphibian Date 3/16/15
Signature _____

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? ($0^{\circ}\leq 6^{\circ}\text{C}$) * Yes ☒ No ☐

Cooler #1 33 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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Workorder: 1503E33

ANALYTICAL QC SUMMARY REPORT

BatchID: 204666

Sample ID: MB-204666	Client ID:	Units: ug/L			Prep Date: 03/17/2015	Run No: 287786					
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 204666			Analysis Date: 03/17/2015	Seq No: 6115602					
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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Workorder: 1503E33

ANALYTICAL QC SUMMARY REPORT

BatchID: 204666

Sample ID: MB-204666		Client ID:		Units: ug/L		Prep Date: 03/17/2015		Run No: 287786			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 204666		Analysis Date: 03/17/2015		Seq No: 6115602			
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	42.03	0	50.00		84.1	70.6	123				
Surr: Dibromofluoromethane	41.36	0	50.00		82.7	78.7	124				
Surr: Toluene-d8	43.47	0	50.00		86.9	81.3	120				

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

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Workorder: 1503E33

ANALYTICAL QC SUMMARY REPORT**BatchID: 204666**

Sample ID: LCS-204666	Client ID:				Units: ug/L	Prep Date: 03/17/2015	Run No: 287786				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 204666	Analysis Date: 03/17/2015	Seq No: 6115601				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	54.80	5.0	50.00		110	64.2	137				
Benzene	49.78	5.0	50.00		99.6	72.8	128				
Chlorobenzene	51.32	5.0	50.00		103	72.3	126				
Toluene	51.56	5.0	50.00		103	74.9	127				
Trichloroethene	52.00	5.0	50.00		104	70.5	134				
Surr: 4-Bromofluorobenzene	43.63	0	50.00		87.3	70.6	123				
Surr: Dibromofluoromethane	43.08	0	50.00		86.2	78.7	124				
Surr: Toluene-d8	44.05	0	50.00		88.1	81.3	120				

Sample ID: 1503E46-001AMS	Client ID:					Units: ug/L	Prep Date: 03/17/2015	Run No: 287952			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 204666	Analysis Date: 03/19/2015	Seq No: 6118026			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	58.03	5.0	50.00		116	60.5	156				
Benzene	48.08	5.0	50.00	1.330	93.5	70	135				
Chlorobenzene	48.25	5.0	50.00		96.5	70.5	132				
Toluene	49.55	5.0	50.00	1.800	95.5	70.5	137				
Trichloroethene	46.01	5.0	50.00		92.0	71.8	139				
Surr: 4-Bromofluorobenzene	44.34	0	50.00		88.7	70.6	123				
Surr: Dibromofluoromethane	55.66	0	50.00		111	78.7	124				
Surr: Toluene-d8	47.32	0	50.00		94.6	81.3	120				

Sample ID: 1503E46-001AMSD	Client ID:				Units: ug/L	Prep Date: 03/17/2015	Run No: 287952				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 204666	Analysis Date: 03/19/2015	Seq No: 6118027				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	54.97	5.0	50.00		110	60.5	156	58.03	5.42	20	
Benzene	47.47	5.0	50.00	1.330	92.3	70	135	48.08	1.28	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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd.
Workorder: 1503E33

ANALYTICAL QC SUMMARY REPORT

BatchID: 204666

Sample ID: 1503E46-001AMSD	Client ID:	Units: ug/L				Prep Date: 03/17/2015	Run No: 287952				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 204666				Analysis Date: 03/19/2015	Seq No: 6118027				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	47.40	5.0	50.00		94.8	70.5	132	48.25	1.78	20	
Toluene	48.32	5.0	50.00	1.800	93.0	70.5	137	49.55	2.51	20	
Trichloroethene	45.68	5.0	50.00		91.4	71.8	139	46.01	0.720	20	
Surr: 4-Bromofluorobenzene	44.93	0	50.00		89.9	70.6	123	44.34	0	0	
Surr: Dibromofluoromethane	55.08	0	50.00		110	78.7	124	55.66	0	0	
Surr: Toluene-d8	46.20	0	50.00		92.4	81.3	120	47.32	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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 04, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

TEL: (770) 962-5922
FAX: (770) 962-7964

RE: 700 Sandtown Rd. Prop

Dear Michael Haller:

Order No: 1506219

Analytical Environmental Services, Inc. received 3 samples on 6/2/2015 12:38:00 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

AES

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

CHAIN OF CUSTODY

Work Order: 1506219

Date: 6/2/15 Page 1 of 1

COMPANY: Sailors Eng. Assoc.		ADDRESS: 1675 Spectrum Dr Lawrenceville, GA 30043		ANALYSIS REQUESTED												Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers				
PHONE: 770-962-5922		FAX:		VOC PRESERVATION (See codes)																		
SAMPLED BY: Michael Short		SIGNATURE: 														SAMPLED		Grab	Composite	Matrix (See codes)		
#	SAMPLE ID	DATE	TIME																			
1	IP-3 5'	6/1	11:06	/			So	/														
2	IP-3 8'	6/1	11:20				So	/									4					
3	Trip Blank	6/1					W	/									1					
4																	2					
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						

RECEIVED BY 1:		DATE/TIME 6/2/15 12:37		RECEIVED BY 1: Catoya Reeves		DATE/TIME 6/2/15 12:38p		PROJECT INFORMATION				RECEIPT	
2:				2:				PROJECT NAME: 700 Sandtown Rd Prop				Total # of Containers 10	
3:				3:				PROJECT #: 152-018				Turnaround Time Request ☐ Standard 5 Business Days ☒ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SITE ADDRESS: 700 Sandtown Rd Marietta GA					
				OUT / VIA: IN ☒ CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER				SEND REPORT TO: Mike Haller					
								INVOICE TO: (IF DIFFERENT FROM ABOVE)				STATE PROGRAM (if any):	
								QUOTE #:				E-mail: ☒ Y N; Fax? Y / N	
								PO#:				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.

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/A+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Client: Sailors Engineering Associates
Project: 700 Sandtown Rd. Prop
Lab ID: 1506219

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compounds Pentafluorobenzene, 1,4-Difluorobenzene, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on sample 1506219-002A was outside control limits biased low due to suspected matrix interference.

Analytical Environmental Services, Inc
Date: 4-Jun-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Lab ID: 1506219-001

Client Sample ID: IP-3 5'
Collection Date: 6/1/2015 11:06:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,1,2,2-Tetrachloroethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,1,2-Trichloroethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,1-Dichloroethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,1-Dichloroethene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,2,4-Trichlorobenzene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,2-Dibromo-3-chloropropane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,2-Dibromoethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,2-Dichlorobenzene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,2-Dichloroethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,2-Dichloropropane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,3-Dichlorobenzene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
1,4-Dichlorobenzene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
2-Butanone	BRL	0.061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
2-Hexanone	BRL	0.012		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
4-Methyl-2-pentanone	BRL	0.012		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Acetone	BRL	0.12		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Benzene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Bromodichloromethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Bromoform	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Bromomethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Carbon disulfide	BRL	0.012		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Carbon tetrachloride	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Chlorobenzene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Chloroethane	BRL	0.012		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Chloroform	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Chloromethane	BRL	0.012		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
cis-1,2-Dichloroethene	0.027	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
cis-1,3-Dichloropropene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Cyclohexane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Dibromochloromethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Dichlorodifluoromethane	BRL	0.012		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Ethylbenzene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Freon-113	BRL	0.012		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Isopropylbenzene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
m,p-Xylene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Methyl acetate	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Methyl tert-butyl ether	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Methylcyclohexane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Methylene chloride	0.065	0.025		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
o-Xylene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG

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: 4-Jun-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Lab ID: 1506219-001

Client Sample ID: IP-3 5'
Collection Date: 6/1/2015 11:06:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Tetrachloroethene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Toluene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
trans-1,2-Dichloroethene	0.021	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
trans-1,3-Dichloropropene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Trichloroethene	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Trichlorofluoromethane	BRL	0.0061		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Vinyl chloride	0.16	0.012		mg/Kg-dry	208274	1	06/03/2015 16:51	CG
Surr: 4-Bromofluorobenzene	78.3	70-128		%REC	208274	1	06/03/2015 16:51	CG
Surr: Dibromofluoromethane	91.7	78.2-128		%REC	208274	1	06/03/2015 16:51	CG
Surr: Toluene-d8	88	76.5-116		%REC	208274	1	06/03/2015 16:51	CG
PERCENT MOISTURE D2216								
Percent Moisture	14.2	0		wt%	R293184	1	06/04/2015 11:00	PF

Qualifiers:

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- > 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: 4-Jun-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Lab ID: 1506219-002

Client Sample ID: IP-3 8'
Collection Date: 6/1/2015 11:20:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,1,2,2-Tetrachloroethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,1,2-Trichloroethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,1-Dichloroethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,1-Dichloroethene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,2,4-Trichlorobenzene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,2-Dibromo-3-chloropropane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,2-Dibromoethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,2-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,2-Dichloroethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,2-Dichloropropane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,3-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
1,4-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
2-Butanone	BRL	0.052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
2-Hexanone	BRL	0.010		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Acetone	BRL	0.10		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Benzene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Bromodichloromethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Bromoform	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Bromomethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Carbon disulfide	BRL	0.010		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Carbon tetrachloride	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Chlorobenzene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Chloroethane	BRL	0.010		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Chloroform	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Chloromethane	BRL	0.010		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
cis-1,2-Dichloroethene	1.5	0.26		mg/Kg-dry	208304	50	06/04/2015 06:30	AR
cis-1,3-Dichloropropene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Cyclohexane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Dibromochloromethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Ethylbenzene	0.0064	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Freon-113	BRL	0.010		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Isopropylbenzene	0.0066	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
m,p-Xylene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Methyl acetate	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Methyl tert-butyl ether	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Methylcyclohexane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Methylene chloride	0.11	0.021		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
o-Xylene	0.0075	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG

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: 4-Jun-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Lab ID: 1506219-002

Client Sample ID: IP-3 8'
Collection Date: 6/1/2015 11:20:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Tetrachloroethene	0.0087	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Toluene	0.0057	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
trans-1,2-Dichloroethene	0.50	0.26		mg/Kg-dry	208304	50	06/04/2015 06:30	AR
trans-1,3-Dichloropropene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Trichloroethene	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Trichlorofluoromethane	BRL	0.0052		mg/Kg-dry	208274	1	06/03/2015 18:37	CG
Vinyl chloride	0.48	0.10		mg/Kg-dry	208304	50	06/04/2015 06:30	AR
Surr: 4-Bromofluorobenzene	76.5	70-128		%REC	208274	1	06/03/2015 18:37	CG
Surr: 4-Bromofluorobenzene	80.3	70-128		%REC	208304	50	06/04/2015 06:30	AR
Surr: Dibromofluoromethane	102	78.2-128		%REC	208274	1	06/03/2015 18:37	CG
Surr: Dibromofluoromethane	99.6	78.2-128		%REC	208304	50	06/04/2015 06:30	AR
Surr: Toluene-d8	87.7	76.5-116		%REC	208274	1	06/03/2015 18:37	CG
Surr: Toluene-d8	96.3	76.5-116		%REC	208304	50	06/04/2015 06:30	AR

PERCENT MOISTURE D2216

Percent Moisture	17.9	0		wt%	R293184	1	06/04/2015 11:00	PF
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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: 4-Jun-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Lab ID: 1506219-003

Client Sample ID: TRIP BLANK
Collection Date: 6/1/2015
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	208338	1	06/03/2015 17:36	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,1-Dichloroethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,1-Dichloroethene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,2-Dibromoethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,2-Dichloroethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,2-Dichloropropane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
2-Butanone	BRL	10		ug/L	208338	1	06/03/2015 17:36	NP
2-Hexanone	BRL	10		ug/L	208338	1	06/03/2015 17:36	NP
4-Methyl-2-pentanone	BRL	10		ug/L	208338	1	06/03/2015 17:36	NP
Acetone	BRL	20		ug/L	208338	1	06/03/2015 17:36	NP
Benzene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Bromodichloromethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Bromoform	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Bromomethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Carbon disulfide	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Carbon tetrachloride	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Chlorobenzene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Chloroethane	BRL	10		ug/L	208338	1	06/03/2015 17:36	NP
Chloroform	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Chloromethane	BRL	10		ug/L	208338	1	06/03/2015 17:36	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Cyclohexane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Dibromochloromethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Dichlorodifluoromethane	BRL	10		ug/L	208338	1	06/03/2015 17:36	NP
Ethylbenzene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Freon-113	BRL	10		ug/L	208338	1	06/03/2015 17:36	NP
Isopropylbenzene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
m,p-Xylene	BRL	10		ug/L	208338	1	06/03/2015 17:36	NP
Methyl acetate	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Methylcyclohexane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Methylene chloride	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
o-Xylene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	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: 4-Jun-15

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Lab ID: 1506219-003

Client Sample ID: TRIP BLANK
Collection Date: 6/1/2015
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	208338	1	06/03/2015 17:36	NP
Tetrachloroethene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Toluene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Trichloroethene	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Trichlorofluoromethane	BRL	5.0		ug/L	208338	1	06/03/2015 17:36	NP
Vinyl chloride	BRL	2.0		ug/L	208338	1	06/03/2015 17:36	NP
Surr: 4-Bromofluorobenzene	90.6	70.6-123		%REC	208338	1	06/03/2015 17:36	NP
Surr: Dibromofluoromethane	102	78.7-124		%REC	208338	1	06/03/2015 17:36	NP
Surr: Toluene-d8	96.2	81.3-120		%REC	208338	1	06/03/2015 17:36	NP

Qualifiers:

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

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Sailors Eng Assoc

Work Order Number 1506219

Checklist completed by Jamon B 6/2/15
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? ($0^{\circ} \leq 6^{\circ}C$) * Yes ☒ No ☐

Cooler #1 3-2^o 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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208274

Sample ID: MB-208274	Client ID:	Units: ug/Kg				Prep Date: 06/03/2015	Run No: 293085				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 208274				Analysis Date: 06/03/2015	Seq No: 6241636				
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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208274

Sample ID: MB-208274		Client ID:		Units: ug/Kg		Prep Date: 06/03/2015		Run No: 293085			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 208274		Analysis Date: 06/03/2015		Seq No: 6241636			
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	39.32	0	50.00		78.6	70	128				
Surr: Dibromofluoromethane	42.78	0	50.00		85.6	78.2	128				
Surr: Toluene-d8	45.25	0	50.00		90.5	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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT**BatchID: 208274**

Sample ID: LCS-208274	Client ID:					Units: ug/Kg	Prep Date: 06/03/2015	Run No: 293085			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 208274	Analysis Date: 06/03/2015	Seq No: 6241635			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	66.53	5.0	50.00		133	69.9	145				
Benzene	51.98	5.0	50.00		104	72.3	130				
Chlorobenzene	49.97	5.0	50.00		99.9	69	130				
Toluene	50.99	5.0	50.00		102	71.1	130				
Trichloroethene	50.22	5.0	50.00		100	71.7	136				
Surr: 4-Bromofluorobenzene	40.53	0	50.00		81.1	70	128				
Surr: Dibromofluoromethane	43.46	0	50.00		86.9	78.2	128				
Surr: Toluene-d8	45.10	0	50.00		90.2	76.5	116				

Sample ID: 1505P10-003AMS	Client ID: MW-2-14	Units: mg/Kg-dry			Prep Date: 06/03/2015	Run No: 293085					
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 208274			Analysis Date: 06/03/2015	Seq No: 6241638					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.06062	0.0056	56.45		107	56.6	151				
Benzene	0.04802	0.0056	56.45		85.1	70.4	130				
Chlorobenzene	0.04692	0.0056	56.45		83.1	67.5	132				
Toluene	0.04649	0.0056	56.45		82.4	70.4	130				
Trichloroethene	0.04386	0.0056	56.45		77.7	70.1	137				
Surr: 4-Bromofluorobenzene	0.04676	0	56.45		82.8	70	128				
Surr: Dibromofluoromethane	0.05005	0	56.45		88.7	78.2	128				
Surr: Toluene-d8	0.05057	0	56.45		89.6	76.5	116				

Sample ID: 1505P10-003AMSD	Client ID: MW-2-14	Units: mg/Kg-dry			Prep Date: 06/03/2015	Run No: 293085					
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 208274			Analysis Date: 06/03/2015	Seq No: 6241639					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.06505	0.0056	56.45		115	56.6	151	60.62	7.06	20.4	
Benzene	0.05276	0.0056	56.45		93.5	70.4	130	48.02	9.41	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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208274

Sample ID: 1505P10-003AMSD	Client ID: MW-2-14	Units: mg/Kg-dry			Prep Date: 06/03/2015	Run No: 293085					
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 208274			Analysis Date: 06/03/2015	Seq No: 6241639					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	0.05009	0.0056	56.45		88.7	67.5	132	46.92	6.54	14.6	
Toluene	0.05175	0.0056	56.45		91.7	70.4	130	46.49	10.7	16.6	
Trichloroethene	0.04946	0.0056	56.45		87.6	70.1	137	43.86	12.0	17	
Surr: 4-Bromofluorobenzene	0.04665	0	56.45		82.6	70	128	46.76	0	0	
Surr: Dibromofluoromethane	0.05104	0	56.45		90.4	78.2	128	50.05	0	0	
Surr: Toluene-d8	0.05185	0	56.45		91.9	76.5	116	50.57	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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208304

Sample ID: MB-208304	Client ID:	Units: ug/Kg				Prep Date: 06/03/2015	Run No: 293072				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 208304				Analysis Date: 06/03/2015	Seq No: 6241316				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	250
1,1,2,2-Tetrachloroethane	BRL	250
1,1,2-Trichloroethane	BRL	250
1,1-Dichloroethane	BRL	250
1,1-Dichloroethene	BRL	250
1,2,4-Trichlorobenzene	BRL	250
1,2-Dibromo-3-chloropropane	BRL	250
1,2-Dibromoethane	BRL	250
1,2-Dichlorobenzene	BRL	250
1,2-Dichloroethane	BRL	250
1,2-Dichloropropane	BRL	250
1,3-Dichlorobenzene	BRL	250
1,4-Dichlorobenzene	BRL	250
2-Butanone	BRL	2500
2-Hexanone	BRL	500
4-Methyl-2-pentanone	BRL	500
Acetone	BRL	5000
Benzene	BRL	250
Bromodichloromethane	BRL	250
Bromoform	BRL	250
Bromomethane	BRL	250
Carbon disulfide	BRL	500
Carbon tetrachloride	BRL	250
Chlorobenzene	BRL	250
Chloroethane	BRL	500
Chloroform	BRL	250
Chloromethane	BRL	500

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

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208304

Sample ID: MB-208304	Client ID:					Units: ug/Kg	Prep Date: 06/03/2015		Run No: 293072		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 208304	Analysis Date: 06/03/2015		Seq No: 6241316		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2250	0	2500		90.0	70	128				
Surr: Dibromofluoromethane	2495	0	2500		99.8	78.2	128				
Surr: Toluene-d8	2368	0	2500		94.7	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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT**BatchID: 208304**

Sample ID: LCS-208304	Client ID:				Units: ug/Kg	Prep Date: 06/03/2015	Run No: 293072				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 208304	Analysis Date: 06/03/2015	Seq No: 6241315				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2888	250	2500		116	69.9	145				
Benzene	2558	250	2500		102	72.3	130				
Chlorobenzene	2724	250	2500		109	69	130				
Toluene	2544	250	2500		102	71.1	130				
Trichloroethene	2569	250	2500		103	71.7	136				
Surr: 4-Bromofluorobenzene	2242	0	2500		89.7	70	128				
Surr: Dibromofluoromethane	2437	0	2500		97.5	78.2	128				
Surr: Toluene-d8	2324	0	2500		93.0	76.5	116				

Sample ID: 1505P97-006AMS	Client ID:					Units: mg/Kg-dry	Prep Date: 06/03/2015	Run No: 293175			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 208304	Analysis Date: 06/04/2015	Seq No: 6244059			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3.412	0.30	2952	36.86	114	56.6	151				
Benzene	2.852	0.30	2952		96.6	70.4	130				
Chlorobenzene	2.990	0.30	2952		101	67.5	132				
Toluene	2.893	0.30	2952		98.0	70.4	130				
Trichloroethene	2.829	0.30	2952		95.8	70.1	137				
Surr: 4-Bromofluorobenzene	2.686	0	2952		91.0	70	128				
Surr: Dibromofluoromethane	3.114	0	2952		105	78.2	128				
Surr: Toluene-d8	2.755	0	2952		93.3	76.5	116				

Sample ID: 1505P97-006AMSD	Client ID:				Units: mg/Kg-dry	Prep Date: 06/03/2015	Run No: 293175				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 208304	Analysis Date: 06/04/2015	Seq No: 6244061				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3.492	0.30	2952	36.86	117	56.6	151	3412	2.31	20.4	
Benzene	2.810	0.30	2952		95.2	70.4	130	2852	1.50	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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208304

Sample ID: 1505P97-006AMSD	Client ID:					Units: mg/Kg-dry	Prep Date: 06/03/2015	Run No: 293175			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 208304	Analysis Date: 06/04/2015	Seq No: 6244061			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2.957	0.30	2952		100	67.5	132	2990	1.13	14.6	
Toluene	2.781	0.30	2952		94.2	70.4	130	2893	3.98	16.6	
Trichloroethene	2.764	0.30	2952		93.6	70.1	137	2829	2.32	17	
Surr: 4-Bromofluorobenzene	2.623	0	2952		88.8	70	128	2686	0	0	
Surr: Dibromofluoromethane	2.989	0	2952		101	78.2	128	3114	0	0	
Surr: Toluene-d8	2.752	0	2952		93.2	76.5	116	2755	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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208338

Sample ID: MB-208338	Client ID:					Units: ug/L	Prep Date: 06/03/2015	Run No: 293072			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 208338	Analysis Date: 06/03/2015	Seq No: 6242614			
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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208338

Sample ID: MB-208338		Client ID:		Units: ug/L		Prep Date: 06/03/2015		Run No: 293072			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 208338		Analysis Date: 06/03/2015		Seq No: 6242614			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	45.64	0	50.00		91.3	70.6	123				
Surr: Dibromofluoromethane	51.52	0	50.00		103	78.7	124				
Surr: Toluene-d8	46.97	0	50.00		93.9	81.3	120				

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

Client: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT**BatchID: 208338**

Sample ID: LCS-208338	Client ID:					Units: ug/L	Prep Date: 06/03/2015	Run No: 293072			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 208338	Analysis Date: 06/03/2015	Seq No: 6242613			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	64.05	5.0	50.00		128	64.2	137				
Benzene	54.34	5.0	50.00		109	72.8	128				
Chlorobenzene	55.07	5.0	50.00		110	72.3	126				
Toluene	54.60	5.0	50.00		109	74.9	127				
Trichloroethene	54.17	5.0	50.00		108	70.5	134				
Surr: 4-Bromofluorobenzene	44.18	0	50.00		88.4	70.6	123				
Surr: Dibromofluoromethane	51.76	0	50.00		104	78.7	124				
Surr: Toluene-d8	47.28	0	50.00		94.6	81.3	120				

Sample ID: 1506107-001AMS	Client ID:					Units: ug/L	Prep Date: 06/03/2015	Run No: 293175			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 208338	Analysis Date: 06/04/2015	Seq No: 6244063			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	59.80	5.0	50.00		120	60.5	156				
Benzene	49.46	5.0	50.00		98.9	70	135				
Chlorobenzene	51.85	5.0	50.00		104	70.5	132				
Toluene	49.13	5.0	50.00		98.3	70.5	137				
Trichloroethene	48.25	5.0	50.00		96.5	71.8	139				
Surr: 4-Bromofluorobenzene	45.20	0	50.00		90.4	70.6	123				
Surr: Dibromofluoromethane	50.99	0	50.00		102	78.7	124				
Surr: Toluene-d8	45.91	0	50.00		91.8	81.3	120				

Sample ID: 1506107-001AMSD	Client ID:					Units: ug/L	Prep Date: 06/03/2015	Run No: 293175			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 208338	Analysis Date: 06/04/2015	Seq No: 6244066			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	50.80	5.0	50.00		102	60.5	156	59.80	16.3	20	
Benzene	44.86	5.0	50.00		89.7	70	135	49.46	9.75	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: Sailors Engineering Associates
Project Name: 700 Sandtown Rd. Prop
Workorder: 1506219

ANALYTICAL QC SUMMARY REPORT

BatchID: 208338

Sample ID: 1506107-001AMSD	Client ID:	Units: ug/L				Prep Date: 06/03/2015	Run No: 293175				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 208338				Analysis Date: 06/04/2015	Seq No: 6244066				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	47.42	5.0	50.00		94.8	70.5	132	51.85	8.93	20	
Toluene	45.18	5.0	50.00		90.4	70.5	137	49.13	8.38	20	
Trichloroethene	43.77	5.0	50.00		87.5	71.8	139	48.25	9.74	20	
Surr: 4-Bromofluorobenzene	43.98	0	50.00		88.0	70.6	123	45.20	0	0	
Surr: Dibromofluoromethane	52.29	0	50.00		105	78.7	124	50.99	0	0	
Surr: Toluene-d8	47.13	0	50.00		94.3	81.3	120	45.91	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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 30, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

TEL: (770) 962-5922
FAX: (770) 962-7964

RE: Sandtown Rd.

Dear Michael Haller:

Order No: 1506N13

Analytical Environmental Services, Inc. received 6 samples on 6/22/2015 1:54:00 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 07/01/15-06/30/16.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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.

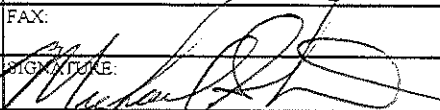
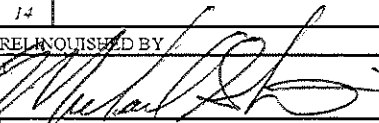
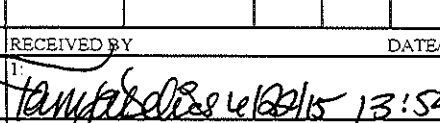
Dorothy deBruvn
Project Manager



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

Work Order: 15762/3

Date: 6/22/15 Page 1 of 1

COMPANY: Sailors Engr Assoc.		ADDRESS: 1675 Spectrum Dr Lawrenceville, GA 30044		ANALYSIS REQUESTED												Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers				
PHONE: 770-962-5922		FAX:		VOC												REMARKS						
SAMPLED BY: Michael Short		SIGNATURE: 																				
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)															
		DATE	TIME																			
1	FL-1	6/19	8:39	/		So	/											4				
2	SW-1	6/19	12:23	/		So	/											4				
3	SW-2	6/19	12:36	/		So	/											4				
4	SW-3	6/22	10:09	/		So	/											4				
5	FL-2	6/22	10:35	/		So	/											4				
6	Trip Blank	6/22				W	/											2				
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
RELINQUISHED BY: 		DATE/TIME: 6/22/15 13:53		RECEIVED BY: 		DATE/TIME: 6/22/15 13:54		PROJECT INFORMATION												RECEIPT		22
1:		2:		3:		PROJECT NAME: Sandtown Rd												Total # of Containers				
2:		3:		PROJECT #: 152-018																		
3:				SITE ADDRESS: 700 Sandtown Rd																		
				SEND REPORT TO: Mike Haller																		
				INVOICE TO: (IF DIFFERENT FROM ABOVE)																		
SPECIAL INSTRUCTIONS/COMMENTS: page 2 of 28		SHIPMENT METHOD OUT / / VIA: IN / / VIA: CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER		QUOTE #:												PO#:		STATE PROGRAM (if any): E-mail Y/N Fax? Y/N DATA PACKAGE: I II III IV				
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.																						

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

White Copy - Original; Yellow Copy - Client

Client: Sailors Engineering Associates**Project:** Sandtown Rd.**Lab ID:** 1506N13**Case Narrative**

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 1506N13-002 A was outside control limits biased low due to suspected matrix interference.

Analytical Environmental Services, Inc
Date: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-001

Client Sample ID: FL-1
Collection Date: 6/19/2015 8:39:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,1,2,2-Tetrachloroethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,1,2-Trichloroethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,1-Dichloroethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,1-Dichloroethene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,2,4-Trichlorobenzene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,2-Dibromo-3-chloropropane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,2-Dibromoethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,2-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,2-Dichloroethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,2-Dichloropropane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,3-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
1,4-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
2-Butanone	BRL	0.052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
2-Hexanone	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Acetone	BRL	0.10		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Benzene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Bromodichloromethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Bromoform	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Bromomethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Carbon disulfide	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Carbon tetrachloride	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Chlorobenzene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Chloroethane	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Chloroform	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Chloromethane	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
cis-1,2-Dichloroethene	1.8	0.51		mg/Kg-dry	209366	100	06/29/2015 15:15	TH
cis-1,3-Dichloropropene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Cyclohexane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Dibromochloromethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Ethylbenzene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Freon-113	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Isopropylbenzene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
m,p-Xylene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Methyl acetate	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Methyl tert-butyl ether	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Methylcyclohexane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Methylene chloride	BRL	0.021		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
o-Xylene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-001

Client Sample ID: FL-1
Collection Date: 6/19/2015 8:39:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Tetrachloroethene	17	0.51		mg/Kg-dry	209366	100	06/29/2015 15:15	TH
Toluene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
trans-1,2-Dichloroethene	0.0069	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
trans-1,3-Dichloropropene	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Trichloroethene	0.41	0.20		mg/Kg-dry	209366	100	06/29/2015 15:15	TH
Trichlorofluoromethane	BRL	0.0052		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Vinyl chloride	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 19:00	NH
Surr: 4-Bromofluorobenzene	84.8	70-128		%REC	209439	1	06/26/2015 19:00	NH
Surr: 4-Bromofluorobenzene	100	70-128		%REC	209366	100	06/29/2015 15:15	TH
Surr: Dibromofluoromethane	103	78.2-128		%REC	209439	1	06/26/2015 19:00	NH
Surr: Dibromofluoromethane	100	78.2-128		%REC	209366	100	06/29/2015 15:15	TH
Surr: Toluene-d8	94.6	76.5-116		%REC	209439	1	06/26/2015 19:00	NH
Surr: Toluene-d8	99.4	76.5-116		%REC	209366	100	06/29/2015 15:15	TH

PERCENT MOISTURE D2216

Percent Moisture	12.7	0		wt%	R294824	1	06/26/2015 11:00	PF
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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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-002

Client Sample ID: SW-1
Collection Date: 6/19/2015 12:23:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,1,2,2-Tetrachloroethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,1,2-Trichloroethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,1-Dichloroethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,1-Dichloroethene	0.0067	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,2,4-Trichlorobenzene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,2-Dibromo-3-chloropropane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,2-Dibromoethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,2-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,2-Dichloroethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,2-Dichloropropane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,3-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
1,4-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
2-Butanone	BRL	0.055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
2-Hexanone	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Acetone	BRL	0.11		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Benzene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Bromodichloromethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Bromoform	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Bromomethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Carbon disulfide	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Carbon tetrachloride	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Chlorobenzene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Chloroethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Chloroform	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Chloromethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
cis-1,2-Dichloroethene	13	2.6		mg/Kg-dry	209366	500	06/29/2015 14:51	TH
cis-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Cyclohexane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Dibromochloromethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Ethylbenzene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Freon-113	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Isopropylbenzene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
m,p-Xylene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Methyl acetate	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Methyl tert-butyl ether	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Methylcyclohexane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Methylene chloride	BRL	0.022		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
o-Xylene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-002

Client Sample ID: SW-1
Collection Date: 6/19/2015 12:23:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Tetrachloroethene	0.061	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Toluene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
trans-1,2-Dichloroethene	0.12	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
trans-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Trichloroethene	0.015	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Trichlorofluoromethane	BRL	0.0055		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Vinyl chloride	0.081	0.011		mg/Kg-dry	209439	1	06/26/2015 19:26	NH
Surr: 4-Bromofluorobenzene	79.5	70-128		%REC	209439	1	06/26/2015 19:26	NH
Surr: 4-Bromofluorobenzene	96.3	70-128		%REC	209366	500	06/29/2015 14:51	TH
Surr: Dibromofluoromethane	108	78.2-128		%REC	209439	1	06/26/2015 19:26	NH
Surr: Dibromofluoromethane	99	78.2-128		%REC	209366	500	06/29/2015 14:51	TH
Surr: Toluene-d8	92.6	76.5-116		%REC	209439	1	06/26/2015 19:26	NH
Surr: Toluene-d8	101	76.5-116		%REC	209366	500	06/29/2015 14:51	TH
PERCENT MOISTURE D2216								
Percent Moisture	16.2	0		wt%	R294824	1	06/26/2015 11:00	PF

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-003

Client Sample ID: SW-2
Collection Date: 6/19/2015 12:36:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,1,2,2-Tetrachloroethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,1,2-Trichloroethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,1-Dichloroethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,1-Dichloroethene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,2,4-Trichlorobenzene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,2-Dibromo-3-chloropropane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,2-Dibromoethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,2-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,2-Dichloroethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,2-Dichloropropane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,3-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
1,4-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
2-Butanone	BRL	0.057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
2-Hexanone	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Acetone	BRL	0.11		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Benzene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Bromodichloromethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Bromoform	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Bromomethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Carbon disulfide	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Carbon tetrachloride	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Chlorobenzene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Chloroethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Chloroform	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Chloromethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
cis-1,2-Dichloroethene	2.1	0.28		mg/Kg-dry	209366	50	06/29/2015 16:27	TH
cis-1,3-Dichloropropene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Cyclohexane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Dibromochloromethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Ethylbenzene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Freon-113	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Isopropylbenzene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
m,p-Xylene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Methyl acetate	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Methyl tert-butyl ether	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Methylcyclohexane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Methylene chloride	BRL	0.023		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
o-Xylene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-003

Client Sample ID: SW-2
Collection Date: 6/19/2015 12:36:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Tetrachloroethene	66	2.8		mg/Kg-dry	209366	500	06/29/2015 14:27	TH
Toluene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
trans-1,2-Dichloroethene	0.028	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
trans-1,3-Dichloropropene	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Trichloroethene	1.7	0.28		mg/Kg-dry	209366	50	06/29/2015 16:27	TH
Trichlorofluoromethane	BRL	0.0057		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Vinyl chloride	0.017	0.011		mg/Kg-dry	209439	1	06/26/2015 19:51	NH
Surr: 4-Bromofluorobenzene	87.5	70-128		%REC	209439	1	06/26/2015 19:51	NH
Surr: 4-Bromofluorobenzene	99.6	70-128		%REC	209366	50	06/29/2015 16:27	TH
Surr: 4-Bromofluorobenzene	97.5	70-128		%REC	209366	500	06/29/2015 14:27	TH
Surr: Dibromofluoromethane	109	78.2-128		%REC	209439	1	06/26/2015 19:51	NH
Surr: Dibromofluoromethane	95.6	78.2-128		%REC	209366	50	06/29/2015 16:27	TH
Surr: Dibromofluoromethane	98.2	78.2-128		%REC	209366	500	06/29/2015 14:27	TH
Surr: Toluene-d8	93.9	76.5-116		%REC	209439	1	06/26/2015 19:51	NH
Surr: Toluene-d8	99.5	76.5-116		%REC	209366	50	06/29/2015 16:27	TH
Surr: Toluene-d8	99.7	76.5-116		%REC	209366	500	06/29/2015 14:27	TH
PERCENT MOISTURE D2216								
Percent Moisture	15.9	0		wt%	R294824	1	06/26/2015 11:00	PF

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-004

Client Sample ID: SW-3
Collection Date: 6/22/2015 10:09:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,1,2,2-Tetrachloroethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,1,2-Trichloroethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,1-Dichloroethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,1-Dichloroethene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,2,4-Trichlorobenzene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,2-Dibromo-3-chloropropane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,2-Dibromoethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,2-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,2-Dichloroethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,2-Dichloropropane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,3-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
1,4-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
2-Butanone	BRL	0.051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
2-Hexanone	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Acetone	BRL	0.10		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Benzene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Bromodichloromethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Bromoform	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Bromomethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Carbon disulfide	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Carbon tetrachloride	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Chlorobenzene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Chloroethane	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Chloroform	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Chloromethane	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
cis-1,2-Dichloroethene	15	0.54		mg/Kg-dry	209366	100	06/29/2015 15:39	TH
cis-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Cyclohexane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Dibromochloromethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Ethylbenzene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Freon-113	BRL	0.010		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Isopropylbenzene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
m,p-Xylene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Methyl acetate	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Methyl tert-butyl ether	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Methylcyclohexane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Methylene chloride	BRL	0.020		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
o-Xylene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-004

Client Sample ID: SW-3
Collection Date: 6/22/2015 10:09:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Tetrachloroethene	1.5	0.54		mg/Kg-dry	209366	100	06/29/2015 15:39	TH
Toluene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
trans-1,2-Dichloroethene	0.13	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
trans-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Trichloroethene	1.0	0.54		mg/Kg-dry	209366	100	06/29/2015 15:39	TH
Trichlorofluoromethane	BRL	0.0051		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Vinyl chloride	0.065	0.010		mg/Kg-dry	209439	1	06/26/2015 21:08	NH
Surr: 4-Bromofluorobenzene	85.1	70-128		%REC	209439	1	06/26/2015 21:08	NH
Surr: 4-Bromofluorobenzene	102	70-128		%REC	209366	100	06/29/2015 15:39	TH
Surr: Dibromofluoromethane	104	78.2-128		%REC	209439	1	06/26/2015 21:08	NH
Surr: Dibromofluoromethane	98.5	78.2-128		%REC	209366	100	06/29/2015 15:39	TH
Surr: Toluene-d8	96.6	76.5-116		%REC	209439	1	06/26/2015 21:08	NH
Surr: Toluene-d8	99.6	76.5-116		%REC	209366	100	06/29/2015 15:39	TH
PERCENT MOISTURE D2216								
Percent Moisture	10.8	0		wt%	R294824	1	06/26/2015 11:00	PF

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-005

Client Sample ID: FL-2
Collection Date: 6/22/2015 10:35:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,1,2,2-Tetrachloroethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,1,2-Trichloroethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,1-Dichloroethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,1-Dichloroethene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,2,4-Trichlorobenzene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,2-Dibromo-3-chloropropane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,2-Dibromoethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,2-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,2-Dichloroethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,2-Dichloropropane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,3-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
1,4-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
2-Butanone	BRL	0.053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
2-Hexanone	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Acetone	BRL	0.11		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Benzene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Bromodichloromethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Bromoform	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Bromomethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Carbon disulfide	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Carbon tetrachloride	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Chlorobenzene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Chloroethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Chloroform	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Chloromethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
cis-1,2-Dichloroethene	4.4	0.24		mg/Kg-dry	209366	50	06/29/2015 16:03	TH
cis-1,3-Dichloropropene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Cyclohexane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Dibromochloromethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Ethylbenzene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Freon-113	BRL	0.011		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Isopropylbenzene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
m,p-Xylene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Methyl acetate	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Methyl tert-butyl ether	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Methylcyclohexane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Methylene chloride	BRL	0.021		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
o-Xylene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-005

Client Sample ID: FL-2
Collection Date: 6/22/2015 10:35:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Tetrachloroethene	3.2	0.24		mg/Kg-dry	209366	50	06/29/2015 16:03	TH
Toluene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
trans-1,2-Dichloroethene	0.083	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
trans-1,3-Dichloropropene	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Trichloroethene	0.51	0.24		mg/Kg-dry	209366	50	06/29/2015 16:03	TH
Trichlorofluoromethane	BRL	0.0053		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Vinyl chloride	0.070	0.011		mg/Kg-dry	209439	1	06/26/2015 21:33	NH
Surr: 4-Bromofluorobenzene	82.5	70-128		%REC	209439	1	06/26/2015 21:33	NH
Surr: 4-Bromofluorobenzene	101	70-128		%REC	209366	50	06/29/2015 16:03	TH
Surr: Dibromofluoromethane	105	78.2-128		%REC	209439	1	06/26/2015 21:33	NH
Surr: Dibromofluoromethane	95.9	78.2-128		%REC	209366	50	06/29/2015 16:03	TH
Surr: Toluene-d8	94.1	76.5-116		%REC	209439	1	06/26/2015 21:33	NH
Surr: Toluene-d8	100	76.5-116		%REC	209366	50	06/29/2015 16:03	TH
PERCENT MOISTURE D2216								
Percent Moisture	13.9	0		wt%	R294824	1	06/26/2015 11:00	PF

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: 30-Jun-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506N13-006

Client Sample ID: TRIP BLANK
Collection Date: 6/22/2015
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	209363	1	06/26/2015 01:16	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,1-Dichloroethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,1-Dichloroethene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,2-Dibromoethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,2-Dichloroethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,2-Dichloropropane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
2-Butanone	BRL	50		ug/L	209363	1	06/26/2015 01:16	CH
2-Hexanone	BRL	10		ug/L	209363	1	06/26/2015 01:16	CH
4-Methyl-2-pentanone	BRL	10		ug/L	209363	1	06/26/2015 01:16	CH
Acetone	BRL	50		ug/L	209363	1	06/26/2015 01:16	CH
Benzene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Bromodichloromethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Bromoform	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Bromomethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Carbon disulfide	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Carbon tetrachloride	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Chlorobenzene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Chloroethane	BRL	10		ug/L	209363	1	06/26/2015 01:16	CH
Chloroform	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Chloromethane	BRL	10		ug/L	209363	1	06/26/2015 01:16	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Cyclohexane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Dibromochloromethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Dichlorodifluoromethane	BRL	10		ug/L	209363	1	06/26/2015 01:16	CH
Ethylbenzene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Freon-113	BRL	10		ug/L	209363	1	06/26/2015 01:16	CH
Isopropylbenzene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
m,p-Xylene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Methyl acetate	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Methylcyclohexane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Methylene chloride	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
o-Xylene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH

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: 30-Jun-15

Client: Sailors Engineering Associates
 Project Name: Sandtown Rd.
 Lab ID: 1506N13-006

Client Sample ID: TRIP BLANK
 Collection Date: 6/22/2015
 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	209363	1	06/26/2015 01:16	CH
Tetrachloroethene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Toluene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Trichloroethene	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Trichlorofluoromethane	BRL	5.0		ug/L	209363	1	06/26/2015 01:16	CH
Vinyl chloride	BRL	2.0		ug/L	209363	1	06/26/2015 01:16	CH
Surr: 4-Bromofluorobenzene	97.2	70.6-123		%REC	209363	1	06/26/2015 01:16	CH
Surr: Dibromofluoromethane	94.2	78.7-124		%REC	209363	1	06/26/2015 01:16	CH
Surr: Toluene-d8	98	81.3-120		%REC	209363	1	06/26/2015 01:16	CH

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 Sailors Engineering Work Order Number 1506N/13

Checklist completed by Miriam Pumar Date 06/22/2015
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? ($0^{\circ} \leq 6^{\circ}\text{C}$) * Yes ☒ No ☐

Cooler #1 3.62 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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209363

Sample ID: MB-209363	Client ID:					Units: ug/L	Prep Date: 06/25/2015	Run No: 294761			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209363	Analysis Date: 06/26/2015	Seq No: 6282421			
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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209363

Sample ID: MB-209363		Client ID:		Units: ug/L		Prep Date: 06/25/2015		Run No: 294761			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 209363		Analysis Date: 06/26/2015		Seq No: 6282421			
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	48.41	0	50.00		96.8	70.6	123				
Surr: Dibromofluoromethane	45.05	0	50.00		90.1	78.7	124				
Surr: Toluene-d8	49.21	0	50.00		98.4	81.3	120				

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT**BatchID: 209363**

Sample ID: LCS-209363	Client ID:					Units: ug/L	Prep Date: 06/25/2015	Run No: 294761			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209363	Analysis Date: 06/25/2015	Seq No: 6282420			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	56.62	5.0	50.00		113	64.2	137				
Benzene	51.63	5.0	50.00		103	72.8	128				
Chlorobenzene	47.72	5.0	50.00		95.4	72.3	126				
Toluene	51.31	5.0	50.00		103	74.9	127				
Trichloroethene	50.86	5.0	50.00		102	70.5	134				
Surr: 4-Bromofluorobenzene	48.64	0	50.00		97.3	70.6	123				
Surr: Dibromofluoromethane	45.01	0	50.00		90.0	78.7	124				
Surr: Toluene-d8	49.64	0	50.00		99.3	81.3	120				

Sample ID: 1506O16-001AMS	Client ID:					Units: ug/L	Prep Date: 06/25/2015	Run No: 294761			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209363	Analysis Date: 06/26/2015	Seq No: 6282437			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3051	250	2500		122	60.5	156				
Benzene	2702	250	2500		108	70	135				
Chlorobenzene	2423	250	2500		96.9	70.5	132				
Toluene	2709	250	2500		108	70.5	137				
Trichloroethene	2722	250	2500		109	71.8	139				
Surr: 4-Bromofluorobenzene	2334	0	2500		93.4	70.6	123				
Surr: Dibromofluoromethane	2274	0	2500		90.9	78.7	124				
Surr: Toluene-d8	2471	0	2500		98.8	81.3	120				

Sample ID: 1506O16-001AMSD	Client ID:					Units: ug/L	Prep Date: 06/25/2015	Run No: 294761			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209363	Analysis Date: 06/26/2015	Seq No: 6282439			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2820	250	2500		113	60.5	156	3051	7.85	20	
Benzene	2618	250	2500		105	70	135	2702	3.18	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209363

Sample ID: 1506O16-001AMSD	Client ID:					Units: ug/L	Prep Date: 06/25/2015	Run No: 294761			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209363	Analysis Date: 06/26/2015	Seq No: 6282439			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	2502	250	2500		100	70.5	132	2423	3.21	20	
Toluene	2632	250	2500		105	70.5	137	2709	2.86	20	
Trichloroethene	2662	250	2500		106	71.8	139	2722	2.27	20	
Surr: 4-Bromofluorobenzene	2226	0	2500		89.0	70.6	123	2334	0	0	
Surr: Dibromofluoromethane	2338	0	2500		93.5	78.7	124	2274	0	0	
Surr: Toluene-d8	2468	0	2500		98.7	81.3	120	2471	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209366

Sample ID: MB-209366	Client ID:	Units: ug/Kg				Prep Date: 06/25/2015	Run No: 294760				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209366				Analysis Date: 06/25/2015	Seq No: 6282646				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	250
1,1,2,2-Tetrachloroethane	BRL	250
1,1,2-Trichloroethane	BRL	250
1,1-Dichloroethane	BRL	250
1,1-Dichloroethene	BRL	250
1,2,4-Trichlorobenzene	BRL	250
1,2-Dibromo-3-chloropropane	BRL	250
1,2-Dibromoethane	BRL	250
1,2-Dichlorobenzene	BRL	250
1,2-Dichloroethane	BRL	250
1,2-Dichloropropane	BRL	250
1,3-Dichlorobenzene	BRL	250
1,4-Dichlorobenzene	BRL	250
2-Butanone	BRL	2500
2-Hexanone	BRL	500
4-Methyl-2-pentanone	BRL	500
Acetone	BRL	5000
Benzene	BRL	250
Bromodichloromethane	BRL	250
Bromoform	BRL	250
Bromomethane	BRL	250
Carbon disulfide	BRL	500
Carbon tetrachloride	BRL	250
Chlorobenzene	BRL	250
Chloroethane	BRL	500
Chloroform	BRL	250
Chloromethane	BRL	500

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209366

Sample ID: MB-209366	Client ID:					Units: ug/Kg	Prep Date: 06/25/2015		Run No: 294760		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209366	Analysis Date: 06/25/2015		Seq No: 6282646		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2238	0	2500		89.5	70	128				
Surr: Dibromofluoromethane	2160	0	2500		86.4	78.2	128				
Surr: Toluene-d8	2370	0	2500		94.8	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT**BatchID: 209366**

Sample ID: LCS-209366	Client ID:					Units: ug/Kg	Prep Date: 06/25/2015	Run No: 294760			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209366	Analysis Date: 06/25/2015	Seq No: 6282645			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2654	250	2500		106	69.9	145				
Benzene	2431	250	2500		97.2	72.3	130				
Chlorobenzene	2396	250	2500		95.9	69	130				
Toluene	2467	250	2500		98.7	71.1	130				
Trichloroethene	2364	250	2500		94.6	71.7	136				
Surr: 4-Bromofluorobenzene	2256	0	2500		90.3	70	128				
Surr: Dibromofluoromethane	2136	0	2500		85.5	78.2	128				
Surr: Toluene-d8	2456	0	2500		98.2	76.5	116				

Sample ID: 1506M59-001AMS	Client ID:					Units: mg/Kg-dry	Prep Date: 06/25/2015	Run No: 294760			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209366	Analysis Date: 06/25/2015	Seq No: 6282585			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.374	0.14	1384		99.2	56.6	151				
Benzene	1.449	0.14	1384	138.4	94.6	70.4	130				
Chlorobenzene	1.338	0.14	1384		96.7	67.5	132				
Toluene	1.480	0.14	1384	64.51	102	70.4	130				
Trichloroethene	1.371	0.14	1384		99.1	70.1	137				
Surr: 4-Bromofluorobenzene	1.489	0	1384		108	70	128				
Surr: Dibromofluoromethane	1.111	0	1384		80.3	78.2	128				
Surr: Toluene-d8	1.437	0	1384		104	76.5	116				

Sample ID: 1506M59-001AMSD	Client ID:					Units: mg/Kg-dry	Prep Date: 06/25/2015	Run No: 294760			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209366	Analysis Date: 06/25/2015	Seq No: 6282586			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.373	0.14	1384		99.2	56.6	151	1374	0.060	20.4	
Benzene	1.412	0.14	1384	138.4	92.0	70.4	130	1449	2.59	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209366

Sample ID: 1506M59-001AMSD	Client ID:					Units: mg/Kg-dry	Prep Date: 06/25/2015	Run No: 294760			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209366	Analysis Date: 06/25/2015	Seq No: 6282586			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	1.315	0.14	1384		95.0	67.5	132	1338	1.80	14.6	
Toluene	1.452	0.14	1384	64.51	100	70.4	130	1480	1.96	16.6	
Trichloroethene	1.328	0.14	1384		95.9	70.1	137	1371	3.24	17	
Surr: 4-Bromofluorobenzene	1.404	0	1384		101	70	128	1489	0	0	
Surr: Dibromofluoromethane	1.089	0	1384		78.6	78.2	128	1111	0	0	
Surr: Toluene-d8	1.423	0	1384		103	76.5	116	1437	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209439

Sample ID: MB-209439	Client ID:	Units: ug/Kg			Prep Date: 06/26/2015	Run No: 294845					
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209439			Analysis Date: 06/26/2015	Seq No: 6285128					
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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209439

Sample ID: MB-209439		Client ID:				Units: ug/Kg		Prep Date: 06/26/2015		Run No: 294845	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 209439		Analysis Date: 06/26/2015		Seq No: 6285128	
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	43.01	0	50.00		86.0	70	128				
Surr: Dibromofluoromethane	53.24	0	50.00		106	78.2	128				
Surr: Toluene-d8	48.33	0	50.00		96.7	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT**BatchID: 209439**

Sample ID: LCS-209439	Client ID:					Units: ug/Kg	Prep Date: 06/26/2015	Run No: 294845			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209439	Analysis Date: 06/26/2015	Seq No: 6285127			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	66.16	5.0	50.00		132	69.9	145				
Benzene	54.77	5.0	50.00		110	72.3	130				
Chlorobenzene	51.08	5.0	50.00		102	69	130				
Toluene	54.54	5.0	50.00		109	71.1	130				
Trichloroethene	58.20	5.0	50.00		116	71.7	136				
Surr: 4-Bromofluorobenzene	42.98	0	50.00		86.0	70	128				
Surr: Dibromofluoromethane	50.99	0	50.00		102	78.2	128				
Surr: Toluene-d8	47.67	0	50.00		95.3	76.5	116				

Sample ID: 1506M59-003AMS	Client ID:					Units: mg/Kg-dry	Prep Date: 06/26/2015	Run No: 294845			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209439	Analysis Date: 06/26/2015	Seq No: 6285133			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.06730	0.0057	57.39		117	56.6	151				
Benzene	0.05729	0.0057	57.39		99.8	70.4	130				
Chlorobenzene	0.05147	0.0057	57.39		89.7	67.5	132				
Toluene	0.05724	0.0057	57.39		99.7	70.4	130				
Trichloroethene	0.05841	0.0057	57.39		102	70.1	137				
Surr: 4-Bromofluorobenzene	0.04877	0	57.39		85.0	70	128				
Surr: Dibromofluoromethane	0.06109	0	57.39		106	78.2	128				
Surr: Toluene-d8	0.05530	0	57.39		96.4	76.5	116				

Sample ID: 1506M59-003AMSD	Client ID:					Units: mg/Kg-dry	Prep Date: 06/26/2015	Run No: 294845			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209439	Analysis Date: 06/26/2015	Seq No: 6285134			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.06708	0.0057	57.39		117	56.6	151	67.30	0.325	20.4	
Benzene	0.05947	0.0057	57.39		104	70.4	130	57.29	3.74	16.9	

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506N13

ANALYTICAL QC SUMMARY REPORT

BatchID: 209439

Sample ID: 1506M59-003AMSD	Client ID:					Units: mg/Kg-dry	Prep Date: 06/26/2015	Run No: 294845			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209439	Analysis Date: 06/26/2015	Seq No: 6285134			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	0.05388	0.0057	57.39		93.9	67.5	132	51.47	4.58	14.6	
Toluene	0.05865	0.0057	57.39		102	70.4	130	57.24	2.44	16.6	
Trichloroethene	0.06389	0.0057	57.39		111	70.1	137	58.41	8.95	17	
Surr: 4-Bromofluorobenzene	0.04922	0	57.39		85.8	70	128	48.77	0	0	
Surr: Dibromofluoromethane	0.05918	0	57.39		103	78.2	128	61.09	0	0	
Surr: Toluene-d8	0.05355	0	57.39		93.3	76.5	116	55.30	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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 01, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

TEL: (770) 962-5922
FAX: (770) 962-7964

RE: Sandtown Rd.

Dear Michael Haller:

Order No: 1506R10

Analytical Environmental Services, Inc. received 6 samples on 6/25/2015 6:02:00 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 07/01/15-06/30/16.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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



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

Work Order: 1506R10

Date: 6/24/15 Page 1 of 1

COMPANY: Sailors Eng Assoc		ADDRESS: 1675 Spectrum Dr Lawrenceville, GA 30043		ANALYSIS REQUESTED												Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers			
PHONE: 770-962-5922		FAX:		PRESERVATION (See codes)												REMARKS					
SAMPLED BY: Michael Shoot		SIGNATURE: [Signature]																			
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)															
		DATE	TIME																		
1	FL-3	6/23	14:05	/		So	/											4			
2	FL-4	6/24	14:26	/		So	/											4			
3	SW-4	6/24	15:28	/		So	/											4			
4	SW-5	6/24	15:33	/		So	/											4			
5	SW-6	6/24	15:39	/		So	/											4			
6	Trip Blank	6/24					/											2			
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
RELINQUISHED BY: [Signature]		DATE/TIME: 6/24/15 18:02		RECEIVED BY: [Signature]		DATE/TIME: 6/25/15 6:02		PROJECT INFORMATION												RECEIPT	
1:				2:				PROJECT NAME: Sandtown Rd												Total # of Containers: 22	
3:				3:				PROJECT #: 700 Sandtown Rd Mar												Turnaround Time Request ☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
								SITE ADDRESS: 152-018													
								SEND REPORT TO: Mike Haller													
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				INVOICE TO: (IF DIFFERENT FROM ABOVE)												STATE PROGRAM (if any):	
				OUT / / VIA:																E-mail? Y/N; Fax? Y/N	
				IN / / VIA:																DATA PACKAGE: I II III IV	
				CLIENT FedEx UPS MAIL COURIER																	
				GREYHOUND OTHER																	
								QUOTE #:												PO#:	
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.																					

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

White Copy - Original; Yellow Copy - Client

Client: Sailors Engineering Associates
Project: Sandtown Rd.
Lab ID: 1506R10

Case Narrative

3 Day Rush per Mike Haller.

Volatiles Organic Compounds Analysis by Method 8260B:

1,2-Dichlorobenzene, cis-1,2-Dichloroethene, Isopropylbenzene, o-Xylene & Trichloroethene value for sample 1506R10-002A is "E" qualified indicating an estimated value over linear calibration range. Sample was diluted and reanalyzed with analyte being below reporting limit due to the level of dilution required for other compounds.

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-001

Client Sample ID: FL-3
Collection Date: 6/23/2015 2:05:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,1,2,2-Tetrachloroethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,1,2-Trichloroethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,1-Dichloroethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,1-Dichloroethene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,2,4-Trichlorobenzene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,2-Dibromo-3-chloropropane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,2-Dibromoethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,2-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,2-Dichloroethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,2-Dichloropropane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,3-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
1,4-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
2-Butanone	BRL	0.052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
2-Hexanone	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Acetone	0.14	0.10		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Benzene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Bromodichloromethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Bromoform	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Bromomethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Carbon disulfide	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Carbon tetrachloride	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Chlorobenzene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Chloroethane	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Chloroform	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Chloromethane	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
cis-1,2-Dichloroethene	2.1	0.30		mg/Kg-dry	209546	50	06/30/2015 17:02	CH
cis-1,3-Dichloropropene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Cyclohexane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Dibromochloromethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Ethylbenzene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Freon-113	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Isopropylbenzene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
m,p-Xylene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Methyl acetate	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Methyl tert-butyl ether	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Methylcyclohexane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Methylene chloride	0.037	0.021		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
o-Xylene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG

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

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

Analytical Environmental Services, Inc

Date: 1-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-001

Client Sample ID: FL-3
Collection Date: 6/23/2015 2:05:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Tetrachloroethene	11	3.0		mg/Kg-dry	209546	500	06/30/2015 17:49	CH
Toluene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
trans-1,2-Dichloroethene	0.0065	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
trans-1,3-Dichloropropene	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Trichloroethene	0.73	0.30		mg/Kg-dry	209546	50	06/30/2015 17:02	CH
Trichlorofluoromethane	BRL	0.0052		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Vinyl chloride	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 20:07	CG
Surr: 4-Bromofluorobenzene	107	70-128		%REC	209519	1	06/28/2015 20:07	CG
Surr: 4-Bromofluorobenzene	92.9	70-128		%REC	209546	50	06/30/2015 17:02	CH
Surr: 4-Bromofluorobenzene	94.8	70-128		%REC	209546	500	06/30/2015 17:49	CH
Surr: Dibromofluoromethane	125	78.2-128		%REC	209519	1	06/28/2015 20:07	CG
Surr: Dibromofluoromethane	91.2	78.2-128		%REC	209546	50	06/30/2015 17:02	CH
Surr: Dibromofluoromethane	89.5	78.2-128		%REC	209546	500	06/30/2015 17:49	CH
Surr: Toluene-d8	99.9	76.5-116		%REC	209519	1	06/28/2015 20:07	CG
Surr: Toluene-d8	94	76.5-116		%REC	209546	50	06/30/2015 17:02	CH
Surr: Toluene-d8	97.7	76.5-116		%REC	209546	500	06/30/2015 17:49	CH
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R295059	1	06/30/2015 11:00	PF

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 1-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-002

Client Sample ID: FL-4
Collection Date: 6/24/2015 2:26:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,1,2,2-Tetrachloroethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,1,2-Trichloroethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,1-Dichloroethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,1-Dichloroethene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,2,4-Trichlorobenzene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,2-Dibromo-3-chloropropane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,2-Dibromoethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,2-Dichlorobenzene	0.58	0.0048	E	mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,2-Dichloroethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,2-Dichloropropane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,3-Dichlorobenzene	0.020	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
1,4-Dichlorobenzene	0.072	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
2-Butanone	BRL	0.048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
2-Hexanone	BRL	0.0095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
4-Methyl-2-pentanone	BRL	0.0095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Acetone	BRL	0.095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Benzene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Bromodichloromethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Bromoform	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Bromomethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Carbon disulfide	BRL	0.0095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Carbon tetrachloride	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Chlorobenzene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Chloroethane	BRL	0.0095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Chloroform	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Chloromethane	BRL	0.0095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
cis-1,2-Dichloroethene	0.29	0.0048	E	mg/Kg-dry	209519	1	06/28/2015 20:31	CG
cis-1,3-Dichloropropene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Cyclohexane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Dibromochloromethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Dichlorodifluoromethane	BRL	0.0095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Ethylbenzene	0.093	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Freon-113	BRL	0.0095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Isopropylbenzene	0.48	0.0048	E	mg/Kg-dry	209519	1	06/28/2015 20:31	CG
m,p-Xylene	0.24	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Methyl acetate	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Methyl tert-butyl ether	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Methylcyclohexane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Methylene chloride	BRL	0.019		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
o-Xylene	0.19	0.0048	E	mg/Kg-dry	209519	1	06/28/2015 20:31	CG

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 1-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-002

Client Sample ID: FL-4
Collection Date: 6/24/2015 2:26:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Tetrachloroethene	220	27		mg/Kg-dry	209546	5000	06/30/2015 18:08	TH
Toluene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
trans-1,2-Dichloroethene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
trans-1,3-Dichloropropene	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Trichloroethene	0.51	0.0048	E	mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Trichlorofluoromethane	BRL	0.0048		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Vinyl chloride	BRL	0.0095		mg/Kg-dry	209519	1	06/28/2015 20:31	CG
Surr: 4-Bromofluorobenzene	97.5	70-128		%REC	209519	1	06/28/2015 20:31	CG
Surr: 4-Bromofluorobenzene	99.3	70-128		%REC	209546	5000	06/30/2015 18:08	TH
Surr: Dibromofluoromethane	111	78.2-128		%REC	209519	1	06/28/2015 20:31	CG
Surr: Dibromofluoromethane	113	78.2-128		%REC	209546	5000	06/30/2015 18:08	TH
Surr: Toluene-d8	105	76.5-116		%REC	209519	1	06/28/2015 20:31	CG
Surr: Toluene-d8	105	76.5-116		%REC	209546	5000	06/30/2015 18:08	TH

PERCENT MOISTURE D2216

Percent Moisture	15.0	0		wt%	R295059	1	06/30/2015 11:00	PF
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Qualifiers:

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

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

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-003

Client Sample ID: SW-4
Collection Date: 6/24/2015 3:28:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,1,2,2-Tetrachloroethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,1,2-Trichloroethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,1-Dichloroethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,1-Dichloroethene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,2,4-Trichlorobenzene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,2-Dibromo-3-chloropropane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,2-Dibromoethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,2-Dichlorobenzene	0.034	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,2-Dichloroethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,2-Dichloropropane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,3-Dichlorobenzene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
1,4-Dichlorobenzene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
2-Butanone	BRL	0.058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
2-Hexanone	BRL	0.012		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
4-Methyl-2-pentanone	BRL	0.012		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Acetone	BRL	0.12		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Benzene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Bromodichloromethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Bromoform	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Bromomethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Carbon disulfide	BRL	0.012		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Carbon tetrachloride	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Chlorobenzene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Chloroethane	BRL	0.012		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Chloroform	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Chloromethane	BRL	0.012		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
cis-1,2-Dichloroethene	1.6	1.1		mg/Kg-dry	209546	500	06/30/2015 16:38	CH
cis-1,3-Dichloropropene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Cyclohexane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Dibromochloromethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Dichlorodifluoromethane	BRL	0.012		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Ethylbenzene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Freon-113	BRL	0.012		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Isopropylbenzene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
m,p-Xylene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Methyl acetate	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Methyl tert-butyl ether	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Methylcyclohexane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Methylene chloride	BRL	0.023		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
o-Xylene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 1-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-003

Client Sample ID: SW-4
Collection Date: 6/24/2015 3:28:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Tetrachloroethene	55	2.8		mg/Kg-dry	209546	500	06/30/2015 16:38	CH
Toluene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
trans-1,2-Dichloroethene	0.0098	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
trans-1,3-Dichloropropene	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Trichloroethene	0.95	0.56		mg/Kg-dry	209546	500	06/30/2015 16:38	CH
Trichlorofluoromethane	BRL	0.0058		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Vinyl chloride	BRL	0.012		mg/Kg-dry	209519	1	06/28/2015 20:55	CG
Surr: 4-Bromofluorobenzene	84.4	70-128		%REC	209519	1	06/28/2015 20:55	CG
Surr: 4-Bromofluorobenzene	94.7	70-128		%REC	209546	500	06/30/2015 16:38	CH
Surr: Dibromofluoromethane	107	78.2-128		%REC	209519	1	06/28/2015 20:55	CG
Surr: Dibromofluoromethane	90	78.2-128		%REC	209546	500	06/30/2015 16:38	CH
Surr: Toluene-d8	95.3	76.5-116		%REC	209519	1	06/28/2015 20:55	CG
Surr: Toluene-d8	96.1	76.5-116		%REC	209546	500	06/30/2015 16:38	CH

PERCENT MOISTURE D2216

Percent Moisture	13.9	0		wt%	R295059	1	06/30/2015 11:00	PF
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Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 1-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-004

Client Sample ID: SW-5
Collection Date: 6/24/2015 3:33:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,1,2,2-Tetrachloroethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,1,2-Trichloroethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,1-Dichloroethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,1-Dichloroethene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,2,4-Trichlorobenzene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,2-Dibromo-3-chloropropane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,2-Dibromoethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,2-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,2-Dichloroethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,2-Dichloropropane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,3-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
1,4-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
2-Butanone	BRL	0.057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
2-Hexanone	BRL	0.011		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Acetone	0.11	0.11		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Benzene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Bromodichloromethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Bromoform	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Bromomethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Carbon disulfide	BRL	0.011		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Carbon tetrachloride	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Chlorobenzene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Chloroethane	BRL	0.011		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Chloroform	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Chloromethane	BRL	0.011		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
cis-1,2-Dichloroethene	2.6	0.28		mg/Kg-dry	209546	50	06/30/2015 16:48	TH
cis-1,3-Dichloropropene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Cyclohexane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Dibromochloromethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Ethylbenzene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Freon-113	BRL	0.011		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Isopropylbenzene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
m,p-Xylene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Methyl acetate	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Methyl tert-butyl ether	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Methylcyclohexane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Methylene chloride	BRL	0.023		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
o-Xylene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 1-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-004

Client Sample ID: SW-5
Collection Date: 6/24/2015 3:33:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Tetrachloroethene	7.4	0.28		mg/Kg-dry	209546	50	06/30/2015 16:48	TH
Toluene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
trans-1,2-Dichloroethene	0.0091	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
trans-1,3-Dichloropropene	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Trichloroethene	2.3	0.28		mg/Kg-dry	209546	50	06/30/2015 16:48	TH
Trichlorofluoromethane	BRL	0.0057		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Vinyl chloride	0.011	0.011		mg/Kg-dry	209519	1	06/28/2015 21:19	CG
Surr: 4-Bromofluorobenzene	88.9	70-128		%REC	209519	1	06/28/2015 21:19	CG
Surr: 4-Bromofluorobenzene	101	70-128		%REC	209546	50	06/30/2015 16:48	TH
Surr: Dibromofluoromethane	109	78.2-128		%REC	209519	1	06/28/2015 21:19	CG
Surr: Dibromofluoromethane	105	78.2-128		%REC	209546	50	06/30/2015 16:48	TH
Surr: Toluene-d8	98.2	76.5-116		%REC	209519	1	06/28/2015 21:19	CG
Surr: Toluene-d8	103	76.5-116		%REC	209546	50	06/30/2015 16:48	TH

PERCENT MOISTURE D2216

Percent Moisture	16.4	0		wt%	R295059	1	06/30/2015 11:00	PF
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Qualifiers:

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

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

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-005

Client Sample ID: SW-6
Collection Date: 6/24/2015 3:39:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,1,2,2-Tetrachloroethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,1,2-Trichloroethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,1-Dichloroethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,1-Dichloroethene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,2,4-Trichlorobenzene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,2-Dibromo-3-chloropropane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,2-Dibromoethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,2-Dichlorobenzene	0.020	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,2-Dichloroethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,2-Dichloropropane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,3-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
1,4-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
2-Butanone	BRL	0.051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
2-Hexanone	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Acetone	BRL	0.10		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Benzene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Bromodichloromethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Bromoform	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Bromomethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Carbon disulfide	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Carbon tetrachloride	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Chlorobenzene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Chloroethane	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Chloroform	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Chloromethane	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
cis-1,2-Dichloroethene	2.8	2.3		mg/Kg-dry	209546	500	06/30/2015 17:25	CH
cis-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Cyclohexane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Dibromochloromethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Ethylbenzene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Freon-113	BRL	0.010		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Isopropylbenzene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
m,p-Xylene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Methyl acetate	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Methyl tert-butyl ether	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Methylcyclohexane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Methylene chloride	BRL	0.020		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
o-Xylene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG

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

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

Analytical Environmental Services, Inc

Date: 1-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-005

Client Sample ID: SW-6
Collection Date: 6/24/2015 3:39:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Tetrachloroethene	52	2.9		mg/Kg-dry	209546	500	06/30/2015 17:25	CH
Toluene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
trans-1,2-Dichloroethene	0.019	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
trans-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Trichloroethene	1.9	1.7		mg/Kg-dry	209546	500	06/30/2015 17:25	CH
Trichlorofluoromethane	BRL	0.0051		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Vinyl chloride	0.012	0.010		mg/Kg-dry	209519	1	06/28/2015 21:43	CG
Surr: 4-Bromofluorobenzene	86.6	70-128		%REC	209519	1	06/28/2015 21:43	CG
Surr: 4-Bromofluorobenzene	94.3	70-128		%REC	209546	500	06/30/2015 17:25	CH
Surr: Dibromofluoromethane	112	78.2-128		%REC	209519	1	06/28/2015 21:43	CG
Surr: Dibromofluoromethane	87.6	78.2-128		%REC	209546	500	06/30/2015 17:25	CH
Surr: Toluene-d8	92.7	76.5-116		%REC	209519	1	06/28/2015 21:43	CG
Surr: Toluene-d8	93.6	76.5-116		%REC	209546	500	06/30/2015 17:25	CH

PERCENT MOISTURE D2216

Percent Moisture	13.6	0		wt%	R295059	1	06/30/2015 11:00	PF
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Qualifiers:

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

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

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

Client:	Sailors Engineering Associates	Client Sample ID:	TRIP BLANK
Project Name:	Sandtown Rd.	Collection Date:	6/24/2015
Lab ID:	1506R10-006	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	209503	1	06/29/2015 23:24	TH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,1,2-Trichloroethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,1-Dichloroethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,1-Dichloroethene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,2-Dibromoethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,2-Dichlorobenzene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,2-Dichloroethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,2-Dichloropropane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,3-Dichlorobenzene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
1,4-Dichlorobenzene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
2-Butanone	BRL	50		ug/L	209503	1	06/29/2015 23:24	TH
2-Hexanone	BRL	10		ug/L	209503	1	06/29/2015 23:24	TH
4-Methyl-2-pentanone	BRL	10		ug/L	209503	1	06/29/2015 23:24	TH
Acetone	BRL	50		ug/L	209503	1	06/29/2015 23:24	TH
Benzene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Bromodichloromethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Bromoform	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Bromomethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Carbon disulfide	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Carbon tetrachloride	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Chlorobenzene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Chloroethane	BRL	10		ug/L	209503	1	06/29/2015 23:24	TH
Chloroform	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Chloromethane	BRL	10		ug/L	209503	1	06/29/2015 23:24	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Cyclohexane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Dibromochloromethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Dichlorodifluoromethane	BRL	10		ug/L	209503	1	06/29/2015 23:24	TH
Ethylbenzene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Freon-113	BRL	10		ug/L	209503	1	06/29/2015 23:24	TH
Isopropylbenzene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
m,p-Xylene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Methyl acetate	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Methyl tert-butyl ether	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Methylcyclohexane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Methylene chloride	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
o-Xylene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH

Qualifiers:

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

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

Analytical Environmental Services, Inc

Date: 1-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1506R10-006

Client Sample ID: TRIP BLANK
Collection Date: 6/24/2015
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	209503	1	06/29/2015 23:24	TH
Tetrachloroethene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Toluene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Trichloroethene	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Trichlorofluoromethane	BRL	5.0		ug/L	209503	1	06/29/2015 23:24	TH
Vinyl chloride	BRL	2.0		ug/L	209503	1	06/29/2015 23:24	TH
Surr: 4-Bromofluorobenzene	98.9	70.6-123		%REC	209503	1	06/29/2015 23:24	TH
Surr: Dibromofluoromethane	103	78.7-124		%REC	209503	1	06/29/2015 23:24	TH
Surr: Toluene-d8	102	81.3-120		%REC	209503	1	06/29/2015 23:24	TH

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 Sailors Engineering

Work Order Number 1506R10

Checklist completed by Katie Foreman 6/26/15
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? ($0^{\circ} \leq 6^{\circ}\text{C}$)* Yes ☒ No ☐

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

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

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

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

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Adjusted? ☐ Checked by ☐
Sample Condition: Good ☒ Other(Explain) ☐

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

See Case Narrative for resolution of the Non-Conformance.

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

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT**BatchID: 209503**

Sample ID: MB-209503	Client ID:				Units: ug/L	Prep Date: 06/29/2015	Run No: 294970				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 209503	Analysis Date: 06/29/2015	Seq No: 6286978				
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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT

BatchID: 209503

Sample ID: MB-209503		Client ID:				Units: ug/L		Prep Date: 06/29/2015		Run No: 294970	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 209503		Analysis Date: 06/29/2015		Seq No: 6286978	
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	49.74	0	50.00		99.5	70.6	123				
Surr: Dibromofluoromethane	50.28	0	50.00		101	78.7	124				
Surr: Toluene-d8	50.35	0	50.00		101	81.3	120				

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT**BatchID: 209503**

Sample ID: LCS-209503	Client ID:					Units: ug/L	Prep Date: 06/29/2015	Run No: 294970			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209503	Analysis Date: 06/29/2015	Seq No: 6286977			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	51.76	5.0	50.00		104	64.2	137				
Benzene	50.17	5.0	50.00		100	72.8	128				
Chlorobenzene	50.88	5.0	50.00		102	72.3	126				
Toluene	51.46	5.0	50.00		103	74.9	127				
Trichloroethene	52.80	5.0	50.00		106	70.5	134				
Surr: 4-Bromofluorobenzene	49.45	0	50.00		98.9	70.6	123				
Surr: Dibromofluoromethane	49.55	0	50.00		99.1	78.7	124				
Surr: Toluene-d8	50.53	0	50.00		101	81.3	120				

Sample ID: 1506P29-001AMS	Client ID:					Units: ug/L	Prep Date: 06/29/2015	Run No: 294970			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209503	Analysis Date: 06/30/2015	Seq No: 6286997			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	24700	2500	25000		98.8	60.5	156				
Benzene	25540	2500	25000		102	70	135				
Chlorobenzene	25450	2500	25000		102	70.5	132				
Toluene	26240	2500	25000		105	70.5	137				
Trichloroethene	25780	2500	25000		103	71.8	139				
Surr: 4-Bromofluorobenzene	24610	0	25000		98.4	70.6	123				
Surr: Dibromofluoromethane	25750	0	25000		103	78.7	124				
Surr: Toluene-d8	25740	0	25000		103	81.3	120				

Sample ID: 1506P29-001AMSD	Client ID:				Units: ug/L	Prep Date: 06/29/2015	Run No: 294970				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 209503	Analysis Date: 06/30/2015	Seq No: 6286999				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	24180	2500	25000		96.7	60.5	156	24700	2.13	20	
Benzene	24230	2500	25000		96.9	70	135	25540	5.28	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT

BatchID: 209503

Sample ID: 1506P29-001AMSD	Client ID:					Units: ug/L	Prep Date: 06/29/2015	Run No: 294970			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209503	Analysis Date: 06/30/2015	Seq No: 6286999			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	24970	2500	25000		99.9	70.5	132	25450	1.90	20	
Toluene	25320	2500	25000		101	70.5	137	26240	3.59	20	
Trichloroethene	25290	2500	25000		101	71.8	139	25780	1.90	20	
Surr: 4-Bromofluorobenzene	25410	0	25000		102	70.6	123	24610	0	0	
Surr: Dibromofluoromethane	25020	0	25000		100	78.7	124	25750	0	0	
Surr: Toluene-d8	25500	0	25000		102	81.3	120	25740	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT

BatchID: 209519

Sample ID: MB-209519	Client ID:	Units: ug/Kg			Prep Date: 06/28/2015	Run No: 295034					
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209519			Analysis Date: 06/28/2015	Seq No: 6288778					
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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT

BatchID: 209519

Sample ID: MB-209519		Client ID:		Units: ug/Kg		Prep Date: 06/28/2015		Run No: 295034			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 209519		Analysis Date: 06/28/2015		Seq No: 6288778			
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	53.58	0	50.00		107	70	128				
Surr: Dibromofluoromethane	63.14	0	50.00		126	78.2	128				
Surr: Toluene-d8	52.26	0	50.00		105	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT**BatchID: 209519**

Sample ID: LCS-209519	Client ID:					Units: ug/Kg	Prep Date: 06/28/2015	Run No: 295034			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209519	Analysis Date: 06/28/2015	Seq No: 6288775			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	57.87	5.0	50.00		116	69.9	145				
Benzene	52.80	5.0	50.00		106	72.3	130				
Chlorobenzene	55.74	5.0	50.00		111	69	130				
Toluene	56.29	5.0	50.00		113	71.1	130				
Trichloroethene	57.87	5.0	50.00		116	71.7	136				
Surr: 4-Bromofluorobenzene	53.75	0	50.00		108	70	128				
Surr: Dibromofluoromethane	63.29	0	50.00		127	78.2	128				
Surr: Toluene-d8	52.12	0	50.00		104	76.5	116				

Sample ID: 1506P05-004AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 06/28/2015	Run No: 295034			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209519	Analysis Date: 06/28/2015	Seq No: 6288776			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	68.08	5.8	58.25		117	56.6	151				
Benzene	60.82	5.8	58.25		104	70.4	130				
Chlorobenzene	63.27	5.8	58.25		109	67.5	132				
Toluene	64.62	5.8	58.25		111	70.4	130				
Trichloroethene	66.21	5.8	58.25		114	70.1	137				
Surr: 4-Bromofluorobenzene	63.63	0	58.25		109	70	128				
Surr: Dibromofluoromethane	73.50	0	58.25		126	78.2	128				
Surr: Toluene-d8	60.30	0	58.25		104	76.5	116				

Sample ID: 1506P05-004AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 06/28/2015	Run No: 295034			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209519	Analysis Date: 06/28/2015	Seq No: 6288777			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	63.14	5.8	58.25		108	56.6	151	68.08	7.53	20.4	
Benzene	58.17	5.8	58.25		99.9	70.4	130	60.82	4.46	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT

BatchID: 209519

Sample ID: 1506P05-004AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 06/28/2015	Run No: 295034			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209519	Analysis Date: 06/28/2015	Seq No: 6288777			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	61.93	5.8	58.25		106	67.5	132	63.27	2.14	14.6	
Toluene	62.09	5.8	58.25		107	70.4	130	64.62	3.99	16.6	
Trichloroethene	62.97	5.8	58.25		108	70.1	137	66.21	5.01	17	
Surr: 4-Bromofluorobenzene	62.37	0	58.25		107	70	128	63.63	0	0	
Surr: Dibromofluoromethane	71.37	0	58.25		123	78.2	128	73.50	0	0	
Surr: Toluene-d8	59.25	0	58.25		102	76.5	116	60.30	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT

BatchID: 209546

Sample ID: MB-209546	Client ID:	Units: ug/Kg				Prep Date: 06/30/2015	Run No: 295039				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209546				Analysis Date: 06/30/2015	Seq No: 6289466				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	250
1,1,2,2-Tetrachloroethane	BRL	250
1,1,2-Trichloroethane	BRL	250
1,1-Dichloroethane	BRL	250
1,1-Dichloroethene	BRL	250
1,2,4-Trichlorobenzene	BRL	250
1,2-Dibromo-3-chloropropane	BRL	250
1,2-Dibromoethane	BRL	250
1,2-Dichlorobenzene	BRL	250
1,2-Dichloroethane	BRL	250
1,2-Dichloropropane	BRL	250
1,3-Dichlorobenzene	BRL	250
1,4-Dichlorobenzene	BRL	250
2-Butanone	BRL	2500
2-Hexanone	BRL	500
4-Methyl-2-pentanone	BRL	500
Acetone	BRL	5000
Benzene	BRL	250
Bromodichloromethane	BRL	250
Bromoform	BRL	250
Bromomethane	BRL	250
Carbon disulfide	BRL	500
Carbon tetrachloride	BRL	250
Chlorobenzene	BRL	250
Chloroethane	BRL	500
Chloroform	BRL	250
Chloromethane	BRL	500

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT

BatchID: 209546

Sample ID: MB-209546		Client ID:		Units: ug/Kg		Prep Date: 06/30/2015		Run No: 295039			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 209546		Analysis Date: 06/30/2015		Seq No: 6289466			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2469	0	2500		98.8	70	128				
Surr: Dibromofluoromethane	2596	0	2500		104	78.2	128				
Surr: Toluene-d8	2513	0	2500		101	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT**BatchID: 209546**

Sample ID: LCS-209546	Client ID:					Units: ug/Kg	Prep Date: 06/30/2015	Run No: 295039			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209546	Analysis Date: 06/30/2015	Seq No: 6289463			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2291	250	2500		91.6	69.9	145				
Benzene	2390	250	2500		95.6	72.3	130				
Chlorobenzene	2551	250	2500		102	69	130				
Toluene	2526	250	2500		101	71.1	130				
Trichloroethene	2508	250	2500		100	71.7	136				
Surr: 4-Bromofluorobenzene	2426	0	2500		97.0	70	128				
Surr: Dibromofluoromethane	2513	0	2500		101	78.2	128				
Surr: Toluene-d8	2574	0	2500		103	76.5	116				

Sample ID: 1506R10-002AMS	Client ID: FL-4	Units: ug/Kg-dry				Prep Date: 06/30/2015	Run No: 295039				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209546				Analysis Date: 06/30/2015	Seq No: 6289797				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	53890	5400	53750		100	56.6	151				
Benzene	54650	5400	53750		102	70.4	130				
Chlorobenzene	56140	5400	53750		104	67.5	132				
Toluene	56600	5400	53750		105	70.4	130				
Trichloroethene	57910	5400	53750		108	70.1	137				
Surr: 4-Bromofluorobenzene	52410	0	53750		97.5	70	128				
Surr: Dibromofluoromethane	54170	0	53750		101	78.2	128				
Surr: Toluene-d8	53110	0	53750		98.8	76.5	116				

Sample ID: 1506R10-002AMSD	Client ID: FL-4	Units: ug/Kg-dry			Prep Date: 06/30/2015	Run No: 295039					
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 209546			Analysis Date: 06/30/2015	Seq No: 6289891					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	50990	5400	53750		94.9	56.6	151	53890	5.54	20.4	
Benzene	52410	5400	53750		97.5	70.4	130	54650	4.18	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1506R10

ANALYTICAL QC SUMMARY REPORT

BatchID: 209546

Sample ID: 1506R10-002AMSD	Client ID: FL-4					Units: ug/Kg-dry	Prep Date: 06/30/2015	Run No: 295039			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 209546	Analysis Date: 06/30/2015	Seq No: 6289891			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	52970	5400	53750		98.5	67.5	132	56140	5.81	14.6	
Toluene	53170	5400	53750		98.9	70.4	130	56600	6.25	16.6	
Trichloroethene	52840	5400	53750		98.3	70.1	137	57910	9.16	17	
Surr: 4-Bromofluorobenzene	54120	0	53750		101	70	128	52410	0	0	
Surr: Dibromofluoromethane	55400	0	53750		103	78.2	128	54170	0	0	
Surr: Toluene-d8	55150	0	53750		103	76.5	116	53110	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		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 21, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

TEL: (770) 962-5922
FAX: (770) 962-7964

RE: Sandtown Rd.

Dear Michael Haller:

Order No: 1507C67

Analytical Environmental Services, Inc. received 5 samples on 7/15/2015 4:50:00 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 07/01/15-06/30/16.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

AES

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

CHAIN OF CUSTODY

Work Order:

1507067

Date:

7/15/15

Page

1 of 1

COMPANY: Sailors Eng. Assoc.		ADDRESS: 1675 Spectrum Dr Lawrenceville, Ga 30044		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers			
PHONE: 770-962-5922		FAX:		PRESERVATION (See codes)															
SAMPLED BY: Michael Short		SIGNATURE: 																	
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)													
1	SGP-1 2.5'	7/15	11:42	/		SO	/												4
2	SGP-2 0'	7/15	12:03	/		SO	/												4
3	SGP-3 2.5'	7/15	12:17	/		SO	/												4
4	SGP-4 2.5'	7/15	12:34			SO	/												4
5	Trip Blank	7/15				W	/												2
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			

RELINQUISHED BY: 		DATE/TIME: 7/15/15 16:50		RECEIVED BY: 		DATE/TIME: 7/15/15 16:50		PROJECT INFORMATION				RECEIPT	
1:		2:		3:		4:		PROJECT NAME: Sanetown Rd				Total # of Containers 18	
5:		6:		7:		8:		PROJECT #: 152-018				☐ Turnaround Time Request ☐ Standard 5 Business Days ☒ 30 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
9:		10:		11:		12:		SITE ADDRESS: 700 Sanetown Rd Marietta					
13:		14:		15:		16:		SEND REPORT TO: Mike Walker					
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				INVOICE TO: (IF DIFFERENT FROM ABOVE)				STATE PROGRAM (if any):	
				OUT / / VIA: IN ☒ FedEx ☐ UPS ☐ MAIL ☐ COURIER ☐ GREYHOUND ☐ OTHER								E-mail ☒ Y / ☐ N; Fax? ☐ Y / ☐ N	
								QUOTE #:				PO#:	
												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

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White Copy - Original; Yellow Copy - Client

Client: Sailors Engineering Associates
Project: Sandtown Rd.
Lab ID: 1507C67

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 1507C67-003 A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Analytical Environmental Services, Inc
Date: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-001

Client Sample ID: SGP-1 7.5'
Collection Date: 7/15/2015 11:42:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,1,2,2-Tetrachloroethane	0.023	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,1,2-Trichloroethane	0.035	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,1-Dichloroethane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,1-Dichloroethene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,2,4-Trichlorobenzene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,2-Dibromo-3-chloropropane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,2-Dibromoethane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,2-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,2-Dichloroethane	0.0069	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,2-Dichloropropane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,3-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
1,4-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
2-Butanone	BRL	0.051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
2-Hexanone	BRL	0.010		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Acetone	0.36	0.10		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Benzene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Bromodichloromethane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Bromoform	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Bromomethane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Carbon disulfide	BRL	0.010		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Carbon tetrachloride	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Chlorobenzene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Chloroethane	BRL	0.010		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Chloroform	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Chloromethane	0.013	0.010		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
cis-1,2-Dichloroethene	1.5	0.22		mg/Kg-dry	210356	50	07/20/2015 12:26	NP
cis-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Cyclohexane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Dibromochloromethane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Ethylbenzene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Freon-113	BRL	0.010		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Isopropylbenzene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
m,p-Xylene	0.0058	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Methyl acetate	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Methyl tert-butyl ether	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Methylcyclohexane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Methylene chloride	BRL	0.020		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
o-Xylene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	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: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-001

Client Sample ID: SGP-1 7.5'
Collection Date: 7/15/2015 11:42:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Tetrachloroethene	3.9	0.22		mg/Kg-dry	210356	50	07/20/2015 12:26	NP
Toluene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
trans-1,2-Dichloroethene	0.20	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
trans-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Trichloroethene	0.28	0.22		mg/Kg-dry	210356	50	07/20/2015 12:26	NP
Trichlorofluoromethane	BRL	0.0051		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Vinyl chloride	0.042	0.010		mg/Kg-dry	210340	1	07/18/2015 20:47	MD
Surr: 4-Bromofluorobenzene	80.7	70-128		%REC	210340	1	07/18/2015 20:47	MD
Surr: 4-Bromofluorobenzene	107	70-128		%REC	210356	50	07/20/2015 12:26	NP
Surr: Dibromofluoromethane	96.8	78.2-128		%REC	210340	1	07/18/2015 20:47	MD
Surr: Dibromofluoromethane	100	78.2-128		%REC	210356	50	07/20/2015 12:26	NP
Surr: Toluene-d8	88.9	76.5-116		%REC	210340	1	07/18/2015 20:47	MD
Surr: Toluene-d8	99.6	76.5-116		%REC	210356	50	07/20/2015 12:26	NP
PERCENT MOISTURE D2216								
Percent Moisture	15.8	0		wt%	R296203	1	07/20/2015 11:00	PF

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: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-002

Client Sample ID: SGP-2 8'
Collection Date: 7/15/2015 12:03:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,1,2,2-Tetrachloroethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,1,2-Trichloroethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,1-Dichloroethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,1-Dichloroethene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,2,4-Trichlorobenzene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,2-Dibromo-3-chloropropane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,2-Dibromoethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,2-Dichlorobenzene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,2-Dichloroethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,2-Dichloropropane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,3-Dichlorobenzene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
1,4-Dichlorobenzene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
2-Butanone	BRL	0.054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
2-Hexanone	BRL	0.011		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Acetone	BRL	0.11		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Benzene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Bromodichloromethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Bromoform	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Bromomethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Carbon disulfide	BRL	0.011		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Carbon tetrachloride	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Chlorobenzene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Chloroethane	BRL	0.011		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Chloroform	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Chloromethane	BRL	0.011		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
cis-1,2-Dichloroethene	3.6	0.24		mg/Kg-dry	210356	50	07/20/2015 13:45	NP
cis-1,3-Dichloropropene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Cyclohexane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Dibromochloromethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Ethylbenzene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Freon-113	BRL	0.011		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Isopropylbenzene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
m,p-Xylene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Methyl acetate	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Methyl tert-butyl ether	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Methylcyclohexane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Methylene chloride	BRL	0.022		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
o-Xylene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	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: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-002

Client Sample ID: SGP-2 8'
Collection Date: 7/15/2015 12:03:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Tetrachloroethene	0.071	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Toluene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
trans-1,2-Dichloroethene	0.072	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
trans-1,3-Dichloropropene	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Trichloroethene	0.11	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Trichlorofluoromethane	BRL	0.0054		mg/Kg-dry	210340	1	07/20/2015 13:06	MD
Vinyl chloride	0.24	0.24		mg/Kg-dry	210356	50	07/20/2015 13:45	NP
Surr: 4-Bromofluorobenzene	90.2	70-128		%REC	210340	1	07/20/2015 13:06	MD
Surr: 4-Bromofluorobenzene	92.2	70-128		%REC	210356	50	07/20/2015 13:45	NP
Surr: Dibromofluoromethane	98.1	78.2-128		%REC	210356	50	07/20/2015 13:45	NP
Surr: Dibromofluoromethane	100	78.2-128		%REC	210340	1	07/20/2015 13:06	MD
Surr: Toluene-d8	90.2	76.5-116		%REC	210340	1	07/20/2015 13:06	MD
Surr: Toluene-d8	97.1	76.5-116		%REC	210356	50	07/20/2015 13:45	NP

PERCENT MOISTURE D2216

Percent Moisture	18.9	0		wt%	R296203	1	07/20/2015 11:00	PF
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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: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-003

Client Sample ID: SGP-3 7.5'
Collection Date: 7/15/2015 12:17:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,1,2,2-Tetrachloroethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,1,2-Trichloroethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,1-Dichloroethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,1-Dichloroethene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,2,4-Trichlorobenzene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,2-Dibromo-3-chloropropane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,2-Dibromoethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,2-Dichlorobenzene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,2-Dichloroethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,2-Dichloropropane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,3-Dichlorobenzene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
1,4-Dichlorobenzene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
2-Butanone	BRL	0.049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
2-Hexanone	BRL	0.0098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
4-Methyl-2-pentanone	BRL	0.0098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Acetone	0.14	0.098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Benzene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Bromodichloromethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Bromoform	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Bromomethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Carbon disulfide	BRL	0.0098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Carbon tetrachloride	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Chlorobenzene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Chloroethane	BRL	0.0098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Chloroform	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Chloromethane	BRL	0.0098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
cis-1,2-Dichloroethene	1.7	0.25		mg/Kg-dry	210356	50	07/20/2015 14:54	NP
cis-1,3-Dichloropropene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Cyclohexane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Dibromochloromethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Dichlorodifluoromethane	BRL	0.0098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Ethylbenzene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Freon-113	BRL	0.0098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Isopropylbenzene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
m,p-Xylene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Methyl acetate	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Methyl tert-butyl ether	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Methylcyclohexane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Methylene chloride	BRL	0.020		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
o-Xylene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	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: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-003

Client Sample ID: SGP-3 7.5'
Collection Date: 7/15/2015 12:17:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Tetrachloroethene	38	2.5		mg/Kg-dry	210356	500	07/20/2015 14:08	NP
Toluene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
trans-1,2-Dichloroethene	0.0059	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
trans-1,3-Dichloropropene	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Trichloroethene	1.0	0.25		mg/Kg-dry	210356	50	07/20/2015 14:54	NP
Trichlorofluoromethane	BRL	0.0049		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Vinyl chloride	BRL	0.0098		mg/Kg-dry	210340	1	07/18/2015 21:13	MD
Surr: 4-Bromofluorobenzene	72.4	70-128		%REC	210340	1	07/18/2015 21:13	MD
Surr: 4-Bromofluorobenzene	90.5	70-128		%REC	210356	50	07/20/2015 14:54	NP
Surr: 4-Bromofluorobenzene	89.4	70-128		%REC	210356	500	07/20/2015 14:08	NP
Surr: Dibromofluoromethane	103	78.2-128		%REC	210340	1	07/18/2015 21:13	MD
Surr: Dibromofluoromethane	98.7	78.2-128		%REC	210356	50	07/20/2015 14:54	NP
Surr: Dibromofluoromethane	97.3	78.2-128		%REC	210356	500	07/20/2015 14:08	NP
Surr: Toluene-d8	88.7	76.5-116		%REC	210340	1	07/18/2015 21:13	MD
Surr: Toluene-d8	99.1	76.5-116		%REC	210356	50	07/20/2015 14:54	NP
Surr: Toluene-d8	98.2	76.5-116		%REC	210356	500	07/20/2015 14:08	NP
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R296203	1	07/20/2015 11:00	PF

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: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-004

Client Sample ID: SGP-4 7.5'
Collection Date: 7/15/2015 12:34:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,1,2,2-Tetrachloroethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,1,2-Trichloroethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,1-Dichloroethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,1-Dichloroethene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,2,4-Trichlorobenzene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,2-Dibromo-3-chloropropane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,2-Dibromoethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,2-Dichlorobenzene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,2-Dichloroethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,2-Dichloropropane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,3-Dichlorobenzene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
1,4-Dichlorobenzene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
2-Butanone	BRL	0.062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
2-Hexanone	BRL	0.012		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
4-Methyl-2-pentanone	BRL	0.012		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Acetone	BRL	0.12		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Benzene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Bromodichloromethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Bromoform	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Bromomethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Carbon disulfide	BRL	0.012		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Carbon tetrachloride	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Chlorobenzene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Chloroethane	BRL	0.012		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Chloroform	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Chloromethane	BRL	0.012		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
cis-1,2-Dichloroethene	5.9	0.32		mg/Kg-dry	210356	50	07/20/2015 14:31	NP
cis-1,3-Dichloropropene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Cyclohexane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Dibromochloromethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Dichlorodifluoromethane	BRL	0.012		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Ethylbenzene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Freon-113	BRL	0.012		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Isopropylbenzene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
m,p-Xylene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Methyl acetate	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Methyl tert-butyl ether	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Methylcyclohexane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Methylene chloride	BRL	0.025		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
o-Xylene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	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: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-004

Client Sample ID: SGP-4 7.5'
Collection Date: 7/15/2015 12:34:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Tetrachloroethene	12	0.32		mg/Kg-dry	210356	50	07/20/2015 14:31	NP
Toluene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
trans-1,2-Dichloroethene	0.027	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
trans-1,3-Dichloropropene	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Trichloroethene	1.2	0.32		mg/Kg-dry	210356	50	07/20/2015 14:31	NP
Trichlorofluoromethane	BRL	0.0062		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Vinyl chloride	0.091	0.012		mg/Kg-dry	210340	1	07/18/2015 21:38	MD
Surr: 4-Bromofluorobenzene	90.5	70-128		%REC	210340	1	07/18/2015 21:38	MD
Surr: 4-Bromofluorobenzene	88.7	70-128		%REC	210356	50	07/20/2015 14:31	NP
Surr: Dibromofluoromethane	105	78.2-128		%REC	210340	1	07/18/2015 21:38	MD
Surr: Dibromofluoromethane	98.1	78.2-128		%REC	210356	50	07/20/2015 14:31	NP
Surr: Toluene-d8	95.3	76.5-116		%REC	210340	1	07/18/2015 21:38	MD
Surr: Toluene-d8	96.3	76.5-116		%REC	210356	50	07/20/2015 14:31	NP
PERCENT MOISTURE D2216								
Percent Moisture	23.0	0		wt%	R296203	1	07/20/2015 11:00	PF

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: 21-Jul-15

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Lab ID: 1507C67-005

Client Sample ID: TRIP BLANK
Collection Date: 7/15/2015
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	210283	1	07/17/2015 16:51	TH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,1,2-Trichloroethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,1-Dichloroethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,1-Dichloroethene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,2-Dibromoethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,2-Dichlorobenzene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,2-Dichloroethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,2-Dichloropropane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,3-Dichlorobenzene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
1,4-Dichlorobenzene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
2-Butanone	BRL	50		ug/L	210283	1	07/17/2015 16:51	TH
2-Hexanone	BRL	10		ug/L	210283	1	07/17/2015 16:51	TH
4-Methyl-2-pentanone	BRL	10		ug/L	210283	1	07/17/2015 16:51	TH
Acetone	BRL	50		ug/L	210283	1	07/17/2015 16:51	TH
Benzene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Bromodichloromethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Bromoform	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Bromomethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Carbon disulfide	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Carbon tetrachloride	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Chlorobenzene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Chloroethane	BRL	10		ug/L	210283	1	07/17/2015 16:51	TH
Chloroform	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Chloromethane	BRL	10		ug/L	210283	1	07/17/2015 16:51	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Cyclohexane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Dibromochloromethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Dichlorodifluoromethane	BRL	10		ug/L	210283	1	07/17/2015 16:51	TH
Ethylbenzene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Freon-113	BRL	10		ug/L	210283	1	07/17/2015 16:51	TH
Isopropylbenzene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
m,p-Xylene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Methyl acetate	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Methyl tert-butyl ether	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Methylcyclohexane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Methylene chloride	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
o-Xylene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH

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: 21-Jul-15

Client: Sailors Engineering Associates
 Project Name: Sandtown Rd.
 Lab ID: 1507C67-005

Client Sample ID: TRIP BLANK
 Collection Date: 7/15/2015
 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	210283	1	07/17/2015 16:51	TH
Tetrachloroethene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Toluene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Trichloroethene	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Trichlorofluoromethane	BRL	5.0		ug/L	210283	1	07/17/2015 16:51	TH
Vinyl chloride	BRL	2.0		ug/L	210283	1	07/17/2015 16:51	TH
Surr: 4-Bromofluorobenzene	93.2	70.6-123		%REC	210283	1	07/17/2015 16:51	TH
Surr: Dibromofluoromethane	104	78.7-124		%REC	210283	1	07/17/2015 16:51	TH
Surr: Toluene-d8	96.9	81.3-120		%REC	210283	1	07/17/2015 16:51	TH

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 Sailors Eng.

Work Order Number 1507C67

Checklist completed by Katie Forum 7/15/15
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? ($0^{\circ} \leq 6^{\circ} \text{C}$) * Yes ☒ No ☐

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

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

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

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

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Sample Condition: Good ☒ Adjusted? ☐ Checked by ☐
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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT

BatchID: 210283

Sample ID: MB-210283	Client ID:					Units: ug/L	Prep Date: 07/16/2015	Run No: 296063			
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 210283	Analysis Date: 07/16/2015	Seq No: 6314502			
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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT**BatchID: 210283**

Sample ID: MB-210283	Client ID:					Units: ug/L	Prep Date: 07/16/2015		Run No: 296063		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 210283	Analysis Date: 07/16/2015		Seq No: 6314502		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	46.69	0	50.00		93.4	70.6	123				
Surr: Dibromofluoromethane	53.03	0	50.00		106	78.7	124				
Surr: Toluene-d8	49.28	0	50.00		98.6	81.3	120				

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT**BatchID: 210283**

Sample ID: LCS-210283	Client ID:					Units: ug/L	Prep Date: 07/16/2015	Run No: 296131			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 210283	Analysis Date: 07/17/2015	Seq No: 6315455			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	46.94	5.0	50.00		93.9	64.2	137				
Benzene	45.08	5.0	50.00		90.2	72.8	128				
Chlorobenzene	53.94	5.0	50.00		108	72.3	126				
Toluene	46.04	5.0	50.00		92.1	74.9	127				
Trichloroethene	49.54	5.0	50.00		99.1	70.5	134				
Surr: 4-Bromofluorobenzene	44.33	0	50.00		88.7	70.6	123				
Surr: Dibromofluoromethane	50.01	0	50.00		100	78.7	124				
Surr: Toluene-d8	47.86	0	50.00		95.7	81.3	120				

Sample ID: 1507B73-016AMS	Client ID:				Units: ug/L	Prep Date: 07/16/2015	Run No: 296131				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 210283	Analysis Date: 07/17/2015	Seq No: 6315458				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	51.39	5.0	50.00		103	60.5	156				
Benzene	47.12	5.0	50.00		94.2	70	135				
Chlorobenzene	53.80	5.0	50.00		108	70.5	132				
Toluene	48.88	5.0	50.00		97.8	70.5	137				
Trichloroethene	51.24	5.0	50.00		102	71.8	139				
Surr: 4-Bromofluorobenzene	46.64	0	50.00		93.3	70.6	123				
Surr: Dibromofluoromethane	51.50	0	50.00		103	78.7	124				
Surr: Toluene-d8	48.58	0	50.00		97.2	81.3	120				

Sample ID: 1507B73-016AMSD	Client ID:				Units: ug/L	Prep Date: 07/16/2015	Run No: 296131				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 210283	Analysis Date: 07/17/2015	Seq No: 6315459				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	50.12	5.0	50.00		100	60.5	156	51.39	2.50	20	
Benzene	46.61	5.0	50.00		93.2	70	135	47.12	1.09	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT

BatchID: 210283

Sample ID: 1507B73-016AMSD		Client ID:				Units: ug/L		Prep Date: 07/16/2015		Run No: 296131	
SampleType: MSD		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 210283		Analysis Date: 07/17/2015		Seq No: 6315459	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	54.06	5.0	50.00		108	70.5	132	53.80	0.482	20	
Toluene	48.20	5.0	50.00		96.4	70.5	137	48.88	1.40	20	
Trichloroethene	50.17	5.0	50.00		100	71.8	139	51.24	2.11	20	
Surr: 4-Bromofluorobenzene	46.15	0	50.00		92.3	70.6	123	46.64	0	0	
Surr: Dibromofluoromethane	51.20	0	50.00		102	78.7	124	51.50	0	0	
Surr: Toluene-d8	48.44	0	50.00		96.9	81.3	120	48.58	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT

BatchID: 210340

Sample ID: MB-210340		Client ID:		Units: ug/Kg		Prep Date: 07/17/2015		Run No: 296165			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 210340		Analysis Date: 07/17/2015		Seq No: 6316750			
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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT

BatchID: 210340

Sample ID: MB-210340		Client ID:		Units: ug/Kg		Prep Date: 07/17/2015		Run No: 296165			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 210340		Analysis Date: 07/17/2015		Seq No: 6316750			
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	45.06	0	50.00		90.1	70	128				
Surr: Dibromofluoromethane	49.27	0	50.00		98.5	78.2	128				
Surr: Toluene-d8	46.21	0	50.00		92.4	76.5	116				

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT**BatchID: 210340**

Sample ID: LCS-210340	Client ID:					Units: ug/Kg	Prep Date: 07/17/2015	Run No: 296165			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 210340	Analysis Date: 07/17/2015	Seq No: 6316755			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	59.19	5.0	50.00		118	69.9	145				
Benzene	51.63	5.0	50.00		103	72.3	130				
Chlorobenzene	50.71	5.0	50.00		101	69	130				
Toluene	51.99	5.0	50.00		104	71.1	130				
Trichloroethene	48.21	5.0	50.00		96.4	71.7	136				
Surr: 4-Bromofluorobenzene	42.73	0	50.00		85.5	70	128				
Surr: Dibromofluoromethane	46.29	0	50.00		92.6	78.2	128				
Surr: Toluene-d8	44.50	0	50.00		89.0	76.5	116				

Sample ID: 1507F27-003AMS	Client ID:					Units: mg/Kg-dry	Prep Date: 07/17/2015	Run No: 296165			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 210340	Analysis Date: 07/17/2015	Seq No: 6316756			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.07548	0.0062	61.92		122	56.6	151				
Benzene	0.06562	0.0062	61.92		106	70.4	130				
Chlorobenzene	0.06192	0.0062	61.92		100	67.5	132				
Toluene	0.06505	0.0062	61.92		105	70.4	130				
Trichloroethene	0.06162	0.0062	61.92		99.5	70.1	137				
Surr: 4-Bromofluorobenzene	0.05169	0	61.92		83.5	70	128				
Surr: Dibromofluoromethane	0.05986	0	61.92		96.7	78.2	128				
Surr: Toluene-d8	0.05802	0	61.92		93.7	76.5	116				

Sample ID: 1507F27-003AMSD	Client ID:					Units: mg/Kg-dry	Prep Date: 07/17/2015	Run No: 296165			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 210340	Analysis Date: 07/17/2015	Seq No: 6316757			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.07492	0.0062	61.92		121	56.6	151	75.48	0.741	20.4	
Benzene	0.06302	0.0062	61.92		102	70.4	130	65.62	4.04	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT

BatchID: 210340

Sample ID: 1507F27-003AMSD	Client ID:					Units: mg/Kg-dry	Prep Date: 07/17/2015	Run No: 296165			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 210340	Analysis Date: 07/17/2015	Seq No: 6316757			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	0.06556	0.0062	61.92		106	67.5	132	61.92	5.71	14.6	
Toluene	0.06471	0.0062	61.92		104	70.4	130	65.05	0.534	16.6	
Trichloroethene	0.05851	0.0062	61.92		94.5	70.1	137	61.62	5.17	17	
Surr: 4-Bromofluorobenzene	0.05484	0	61.92		88.6	70	128	51.69	0	0	
Surr: Dibromofluoromethane	0.05927	0	61.92		95.7	78.2	128	59.86	0	0	
Surr: Toluene-d8	0.05705	0	61.92		92.1	76.5	116	58.02	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT

BatchID: 210356

Sample ID: MB-210356	Client ID:	Units: ug/Kg				Prep Date: 07/20/2015	Run No: 296198				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 210356				Analysis Date: 07/20/2015	Seq No: 6317243				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	2500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT

BatchID: 210356

Sample ID: MB-210356		Client ID:				Units: ug/Kg		Prep Date: 07/20/2015		Run No: 296198	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 210356		Analysis Date: 07/20/2015		Seq No: 6317243	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2267	0	2500		90.7	70	128				
Surr: Dibromofluoromethane	2476	0	2500		99.0	78.2	128				
Surr: Toluene-d8	2473	0	2500		98.9	76.5	116				

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

Client: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT**BatchID: 210356**

Sample ID: LCS-210356	Client ID:					Units: ug/Kg	Prep Date: 07/20/2015	Run No: 296198			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 210356	Analysis Date: 07/20/2015	Seq No: 6317242			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2425	250	2500		97.0	69.9	145				
Benzene	2304	250	2500		92.2	72.3	130				
Chlorobenzene	2295	250	2500		91.8	69	130				
Toluene	2339	250	2500		93.6	71.1	130				
Trichloroethene	2282	250	2500		91.3	71.7	136				
Surr: 4-Bromofluorobenzene	2226	0	2500		89.1	70	128				
Surr: Dibromofluoromethane	2470	0	2500		98.8	78.2	128				
Surr: Toluene-d8	2482	0	2500		99.3	76.5	116				

Sample ID: 1507C67-003AMS	Client ID: SGP-3 7.5'	Units: mg/Kg-dry	Prep Date: 07/20/2015	Run No: 296198							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 210356	Analysis Date: 07/20/2015	Seq No: 6319093							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	26.35	2.5	25150		105	56.6	151				
Benzene	24.58	2.5	25150		97.7	70.4	130				
Chlorobenzene	23.71	2.5	25150		94.3	67.5	132				
Toluene	24.84	2.5	25150		98.8	70.4	130				
Trichloroethene	25.39	2.5	25150	991.0	97.0	70.1	137				
Surr: 4-Bromofluorobenzene	22.24	0	25150		88.4	70	128				
Surr: Dibromofluoromethane	24.50	0	25150		97.4	78.2	128				
Surr: Toluene-d8	24.81	0	25150		98.6	76.5	116				

Sample ID: 1507C67-003AMSD	Client ID: SGP-3 7.5'	Units: mg/Kg-dry	Prep Date: 07/20/2015	Run No: 296198							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 210356	Analysis Date: 07/20/2015	Seq No: 6319094							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	26.18	2.5	25150		104	56.6	151	26350	0.651	20.4	
Benzene	24.17	2.5	25150		96.1	70.4	130	24580	1.69	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: Sailors Engineering Associates
Project Name: Sandtown Rd.
Workorder: 1507C67

ANALYTICAL QC SUMMARY REPORT

BatchID: 210356

Sample ID: 1507C67-003AMSD	Client ID: SGP-3 7.5'	Units: mg/Kg-dry				Prep Date: 07/20/2015	Run No: 296198				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 210356				Analysis Date: 07/20/2015	Seq No: 6319094				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	23.67	2.5	25150		94.1	67.5	132	23710	0.170	14.6	
Toluene	24.49	2.5	25150		97.4	70.4	130	24840	1.43	16.6	
Trichloroethene	25.04	2.5	25150	991.0	95.6	70.1	137	25390	1.40	17	
Surr: 4-Bromofluorobenzene	22.27	0	25150		88.5	70	128	22240	0	0	
Surr: Dibromofluoromethane	24.86	0	25150		98.8	78.2	128	24500	0	0	
Surr: Toluene-d8	24.77	0	25150		98.5	76.5	116	24810	0	0	

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

Appendix 7: Soil Disposal Manifests

Ticket #1205 3004

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number AEP15063	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number	
5. Generator's Name and Mailing Address YHN Properties LLC 3298 Summit Ridge Parkway Duluth, GA 30096			Generator's Site Address (if different than mailing address) 700 Saulters Rd SW Marietta, GA 30008			
Generator's Phone:			U.S. EPA ID Number			
6. Transporter 1 Company Name			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Eagle Point 8880 Old Federal Rd Glenwood, GA 30104			U.S. EPA ID Number			
Facility's Phone:						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. Non-regulated soil						
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offor's Printed/Typed Name		Signature		Month	Day	Year
As agent for YNH Prop Mike Haller		Mike Haller		7	8	15
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:		Date leaving U.S.:		
Transporter Signature (for exports only):		Date leaving U.S.:				
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name		Signature		Month	Day	Year
Jeffrey McElm		Jeff McElm		7	8	15
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator) Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name		Signature		Month	Day	Year
W Stewart		W Stewart		7	8	15

GENERATOR

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number AEP15063		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number 3			
	5. Generator's Name and Mailing Address YHN Properties 3298 Summit Ridge Pkwy Bld #420 Duluth GA 30096						Generator's Site Address (if different than mailing address) 700 Sandtown Rd Marietta GA 30008					
	6. Transporter 1 Company Name						U.S. EPA ID Number 1205482					
	7. Transporter 2 Company Name						U.S. EPA ID Number					
	8. Designated Facility Name and Site Address Eagle Point Landfill 8880 Old Federal Rd. Ball Ground GA 30107						U.S. EPA ID Number					
	9. Waste Shipping Name and Description						10. Containers		11. Total Quantity		12. Unit Wt./Vol.	
							No.		Type			
	1. Non-Regulated Soil											
	2.											
	3.											
4.												
13. Special Handling Instructions and Additional Information												
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.												
Generator's/Offor's Printed/Typed Name As agent for YHN Mike Haller												
Signature <i>[Signature]</i>												
Month Day Year 7 8 15												
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:											
	16. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name Jeff McCallum											
	Signature <i>[Signature]</i>											
TRANSPORTER	Month Day Year 7 8 15											
	Transporter 2 Printed/Typed Name											
	Signature											
	Month Day Year											
DESIGNATED FACILITY	17. Discrepancy											
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection											
	Manifest Reference Number:											
	17b. Alternate Facility (or Generator) U.S. EPA ID Number											
	Facility's Phone:											
	17c. Signature of Alternate Facility (or Generator)											
	Month Day Year											
	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a											
	Printed/Typed Name AM											
Signature <i>[Signature]</i>												
Month Day Year 7 8 15												

Appendix 8: UIC Pilot Test Injection Well Notification Form

Underground Injection Control Program
Pilot Test Injection Well Notification Form

Attachment A
EPD-UIC-003
Revision 1
Page 2 of 2

1.0 Address Facility Operator
1.1 Name Former Westside Celaners Sailors Engineering Associates, Inc (SEA)
1.2 Street Address 700 Sandtown Road 1675 Spectrum Drive
1.3 City, State Marietta, GA Lawrenceville, GA
1.4 ZIP Code 30008 30043
1.5 Telephone 770-962-5922
2.0 Location: Latitude: 33.935161 Longitude: -84.556769

3.0 What is the contaminant in the Ground Water? Volatile Organic Compounds
4.0 Georgia Licensed Water Well Contractor or Bonded Driller: SEA
5.0 Professional Engineer or Geologist: Michael Haller
6.0 Well Data Table

	Injection Wells	Monitoring Wells
6.1 Number Wells	44 injection points	5 monitoring wells
6.2 Well Depth(s)	8 to 17 feet BGS	20 feet BGS
6.3 Well Diameter	1 inch diameter	2 inch diameter
6.4 Volume in/out	500 gallons/point	monitoring only
6.5 Sampling freq.	NA	Semi-annual

7.0 Responsible EPD Associate for site: Ms. Carolyn Daniels
8.0 Date injection started: August 18, 2015
8.1 Date* injection stopped:
8.2 Reason Injection Stopped?
8.3 Date these injection wells were logged in to the UIC Class V Well inventory and file:
9.0 UIC Class V Well Inventory Number:
10.0 UST/HWMB CAP tracking number:
11.0 Pending UIC Class V Permit Number:

*Note: This pilot test well form is valid only for 90 days from the start of injection.

**Submit this form to:
Georgia Environmental Protection Division,
Regulatory Support Program
UIC Unit
Suite 1062 East Tower
2 M.L. King, Jr. Dr.
Atlanta, Georgia, 30334