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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
BRIGHT HOUR TRUST PROPERTY
340 ARMOUR DRIVE
ATLANTA, FULTON COUNTY, GEORGIA

HSI #10894
SEA JOB #152-079

SUBMITTED:
MARCH 15, 2016

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March 15, 2016

Mr. Jason Metzger
Georgia Department of Natural Resources
Environmental Protection Division
205 Butler Street, S.E.
Floyd Towers East, Suite 1054
Atlanta, GA 30334

RE: VRP Application
Bright Hour Trust Property
340 Armour Drive
Atlanta, Fulton County, Georgia
HSI #10894
SEA Job No. 152-079

Dear Mr. Metzger:

Sailors Engineering Associates, Inc. (SEA) appreciates this opportunity to submit this Voluntary Remediation Program application and Voluntary Investigation and Remediation Plan (VIRP). This application and attached check for $5,000.00 constitute an application for the Voluntary Remediation Program.

I certify, under penalty of law, that the enclosed electronic copy is complete, identical to the paper copy, and virus free.

If you have any questions or require any additional information, please contact us at your convenience.

Respectfully submitted,

SAILORS ENGINEERING ASSOCIATES, INC.

Michael J Haller, P.G.
Manager, Environmental Engineering

cc: Mr. James Sochovka, Key Investments, Inc AND Bright Hour Trust

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION					
COMPANY NAME	Key Investments, Inc. AND Bright Hour Trust				
CONTACT PERSON/TITLE	Mr. James Sochovka, President and CEO, Key Investments, Inc. AND President, Bright Hour Trust				
ADDRESS	P O Box 1569, Brentwood Tennessee 37024				
PHONE	615-373-2130	**FAX**		**E-MAIL**	jskey@comcast.net

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
NAME	Michael J Haller			**GA PE/PG NUMBER**	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	James Sochovka		
APPLICANT'S NAME/TITLE (PRINT)	**Mr. James Sochovka, President and CEO, Key Investments, Inc. AND President, Bright Hour Trust**	**DATE** 3/8/2016	

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	10894	Date HSI Site listed	9/29/2008
HSI Facility Name	Bright Hour Trust Property	NAICS CODE	327320
PROPERTY INFORMATION			
TAX PARCEL ID	17 0058-LL-070-9	PROPERTY SIZE (ACRES)	6.45
PROPERTY ADDRESS	340 Armour Drive NE		
CITY	Atlanta	COUNTY	Fulton
STATE	Georgia	ZIPCODE	30324
LATITUDE (decimal format)	33.813987	LONGITUDE (decimal format)	-84.377461
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Bright Hour Trust	PHONE #	
MAILING ADDRESS	P O Box 1569		
CITY	Brentwood	STATE/ZIPCODE	Tennessee, 37024

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 # 33606, dated 03/04/2016**	
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, 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. 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 — 10/30/2015 Printed Name and GA PE/PG Number — Date 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)	
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PROPERTY OWNER(S)		PHONE #	
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TAX PARCEL ID		PROPERTY SIZE (ACRES)	
PROPERTY ADDRESS			
CITY		COUNTY	
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LATITUDE (decimal format)		LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)		PHONE #	
MAILING ADDRESS			
CITY		STATE/ZIPCODE	

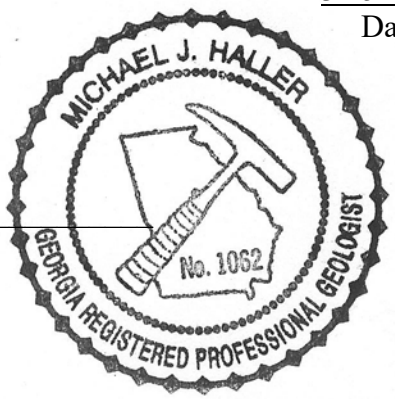
Georgia Professional Certification Form

"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 — 3/15/2016

Printed Name and GA PE/PG Number — 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 340 Armour Drive Site, HSI Site #10894 located at 340 Armour Drive, Atlanta, Fulton County Georgia. The subject property is currently owned by Bright Hour Trust. 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 340 Armour Drive in Atlanta, Fulton County, Georgia and is currently owned by Bright Hour Trust. The property is currently operating as a USA Ready Mix (also known as Allied Concrete and Cemex) concrete batch plant. Prior to the concrete plant construction, the subject property was operated as a transfer facility by several trucking companies including Fleet Transportation Company, Inc., and Quality Carriers, Inc. According to a Phase II performed for the subject property by SFI Environmental for Duane Morris, LLP, the rail spurs were used by Fleet Transportation Company, Inc. and Quality Carriers, Inc. to transfer hazardous chemicals from rail cars to tanker trucks for delivery to other locations. Although a complete list of chemicals transferred was not supplied, numerous references to corrosives, specifically sulfuric acid and ferric acid, were made.

The subject property is bordered to the north by a CSX rail line, followed by Peachtree Creek and residential property beyond, to the east by a LaFarge concrete plant, beyond which is a Marta Rail Line and a Marta rail repair facility and on the west and south by an undeveloped 9.4-acre tract of land beyond which is commercial/light industrial properties south and residential properties to the west. The subject property is approximately 5.989 acres in size and the geographical center of the subject property is at an approximate latitude of 33.813903° and approximate longitude of -84.377519°.

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 #10894.
(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 in violation of any order, judgement, statute, rule, or regulation subject to the enforcement authority of the director.

1.4 Site History

As indicated by our review of historic topographic maps, Sanborn maps, aerial photographs, and ownership records, the subject property was developed as commercial property beginning in the late 1800s or early 1900s. The subject property was once part of a large tract of land owned by Mrs. Sarah Mayson. In 1901, Mrs. Mayson sold 15 acres of the larger tract that included the subject property to J.W. Mayson. Later in 1901, Mr. Mayson sold the 15-acre tract to C.H. McDowell and Mr. McDowell sold the tract to J. Ogden Armour. Armour Fertilizer Works was constructed on the tract sometime after 1901. In 1923, Mr. and Mrs. Armour transferred the tract to Armour Fertilizer Works. In 1937 Armour Fertilizer Works transferred the tract to Armour and Company of Delaware and in 1943 Armour and Company of Delaware transferred the tract to Armour and Company. In 1958, Armour and Company sold the tract to Benson M. Jones and Thomas Ruben Jones. In 1959, the Jones sold the tract to Ray M. Lee who in turn sold the tract to Walker Hauling Company, Inc. Based on the aerial photographs Armour Fertilizer Works was razed between 1955 and 1960. In 1962, Walker Hauling sold the eastern portion of the 15-acre tract to Marquette Cement Manufacturing Company and in 1963 sold the remainder of the tract, including the subject property, to Key Investments, Inc. In 2001, Key Investments transferred the subject property to the current owners Bright Hour Trust. Key Investments leased the subject property to Walker Hauling Company, Fleet Transport Company, Maybelle Transport, Montgomery Tank Lines and Quality Carriers, Inc. and beginning in July 2007 to the current occupant USA Ready Mix, LLC.

1.5 Summary of Site Investigations

A Phase II investigation conducted on the subject property in 2007 and reported in 2008 included nine direct push borings for the collection of fourteen soil and nine groundwater samples from the former UST locations, two locations down gradient of the adjacent LaFarge up gradient and to the southeast and the Marta properties beyond and along the rail spur. The results of that investigation was the detection of impacts to both soil and groundwater. Soil and groundwater impacts from petroleum fuels were identified in the areas of the former USTs at levels that were

below the appropriate standards under the Georgia Rule for Underground Storage Tank Management.

Soil and groundwater impacts were detected at locations down gradient of the LaFarge and Marta properties. A shallow soil sample collected in this area had elevated sulfate and low pH results consistent with a sulfuric acid release. Deeper soil samples collected just above the water table had detectable concentrations of chlorinated solvents which were also detected in the underlying groundwater. These chlorinated solvent soil results are likely indicative of underlying groundwater impacts from an off site source and not a release on the subject site.

Soil and groundwater samples collected along the rail spur detected soil and groundwater impacts from chlorinated solvents and metals, primarily arsenic and lead. The chlorinated solvent impacts to soil appear to be confined to the soils just above the water table and are likely indicative of groundwater impacts from an off site source and not the result of a release at the subject site.

In order to more fully characterize the subject site and determine the extent of the elevated metals impacts, SEA conducted an additional investigation of the subject property in late 2015 into early 2016. That investigation included the collection and analysis of fifty-three additional soil samples from thirty separate locations and the collection and analysis of eight additional groundwater samples. The samples collected were analyzed for one or more of volatile organic compounds, semi-volatile organic compounds and/or RCRA metals. The results of that additional investigation confirmed the presence of elevated lead and arsenic in the historic fill materials, the majority of which were placed in the northern portion of the site, along the former rail spur. The majority of this area is overlain by a thick concrete cap, with measured thicknesses of between eight inches and fourteen inches. Only two areas with elevated metals levels are not overlain by the concrete cap. These areas include the wash water recirculation pond in the north western portion of the site and the eastern most portion of the subject site.

The results of the previous investigations are presented on tables and figures in the appendices to this report.

1.6 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 Property is located in the Winder Slope District of the Midland Georgia Subsection of the Southern Piedmont Section of the Piedmont Province. The Winder Slope District is described as an area of gently rolling topography that slopes gradually from an elevation of approximately 1,190 feet above mean sea level (M.S.L.) in the north to approximately 700 feet above MSL at the southern

edge. The western boundary follows the drainage divides separating those streams draining into the Atlantic from those draining into the Gulf of Mexico. The southern boundary approximates the 700-foot elevation, where a sharp break in the regional slope occurs.

According to a Custom Soil Resource Report for Fulton 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 an undifferentiated biotite gneiss (fg2) 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 Norcross Gneiss (ng) of the Atlanta Group of the Southern Piedmont Province and Brevard Fault Zone. The Norcross Gneiss is described as a light-gray epidote, biotite, muscovite, plagioclase gneiss locally containing amphibolite, mica schist and biotite 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 "B". Well depths in Unit "B" range from 40 feet to 825 feet, averaging 271 feet. Well yields range from 20 gallons to 348 gallons per minute, averaging 72 gallons per minute. The rock found in Unit "B" is typically a granitic gneiss containing biotite, muscovite, quartz and feldspar. In some areas the unit includes layers of amphibolite and other rocks.

Based on groundwater elevation measurements taken at the site monitoring wells, the depth to groundwater is roughly 7.5 to 19 feet below ground surface (BGS) and flows generally to the northwest, toward Peachtree Creek. A potentiometric surface map is included as Figure 5 in Appendix 1.

1.7 Regulatory Status

As part of an environmental investigation conducted in March 2007, soil and groundwater samples were collected from the former rail spur and petroleum UST areas. Results of that investigation indicated impacts to soil and groundwater from volatile organic compounds, semi-

volatile organic compounds and RCRA metals. On February 27, 2008 a release notification was submitted to the Georgia EPD Hazardous Site Response Program and the site was subsequently placed on the Hazardous Site Inventory due to soil impacts on September 29, 2008 (HSI number 10894).

1.8 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 UST system and apparent historic fill material placed near the former rail spurs. The release route is not known. Historic records indicate that prior onsite operations have not resulted in significant impacts at the subject property.

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. 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 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 surface construction work, primarily potential future underground utility work. The potential for potential vapor exposure to site occupants was evaluated. Based on current site usage and limited enclosed occupied spaces, there is a very low potential for exposure to vapors, primarily in the area of the former USTs. No drinking water usage of groundwater in the immediate area has been identified. Peachtree Creek is located in the down gradient flow path and is a potential receptor for groundwater impacts.

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 exposure to impacted soil in the northeast portion of the site which is not covered with

concrete and the potential for exposure to impacted surface water in Peachtree Creek. However, based on the measured groundwater concentrations, and the mixing calculations based on standard flow assumptions, any impact to Peachtree Creek will be well below the in-stream water quality standards. A copy of the Groundwater-Surface Water Mixing Calculations is included in Appendix 7. No other complete exposure routes are present. Incomplete routes include exposure to impacted groundwater, exposure to impacted soils in areas overlain by concrete and inhalation of vapors from soil and groundwater. No impacted groundwater withdrawals are occurring at or near the subject site.

3.0 PRELIMINARY REMEDIATION PLAN

3.1 Corrective Action Completed or in Process

Although no direct corrective action measures have been taken to date, the development of the site as a concrete batch plant has resulted in the placement of a significant amount of impervious concrete cover that has served as a cap and prevented direct exposure to impacted soil and reduced the potential for leaching to the underlying groundwater. Based on our borings, the concrete thickness across the paved portions of the site ranges from eight inches to over 14 inches. Figure 6 of Appendix 1 depicts the area of impervious cover.

3.2 Additional Corrective Action Measures

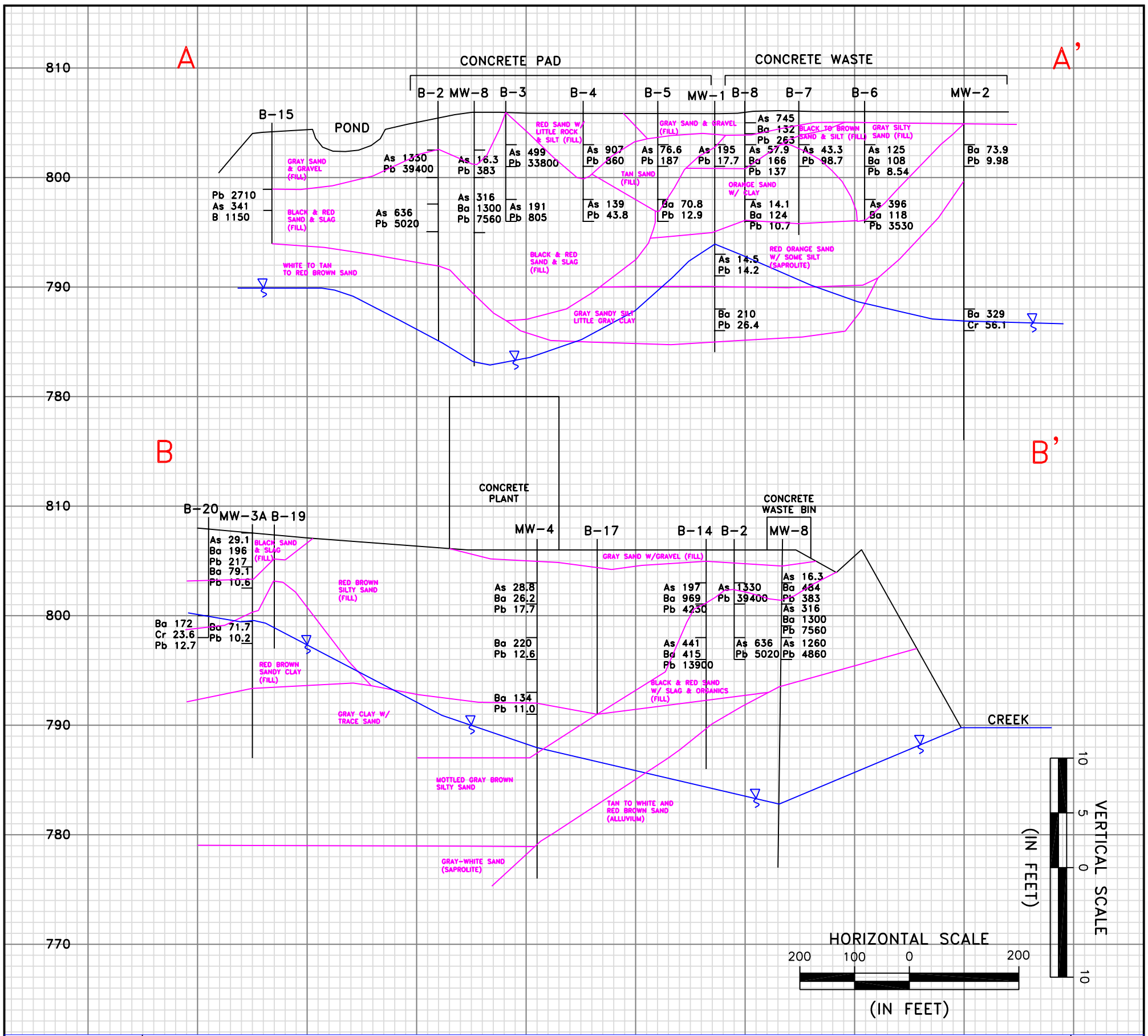
If required, additional corrective action measures may be necessary to meet the appropriate risk reduction standards. SEA anticipates that engineering and/or institutional controls may be used to minimize the potential for exposure. The institutional controls may include a Uniform Environmental Covenant 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 additional impervious cover of at least 6-inches of concrete to minimize the risk of exposure.

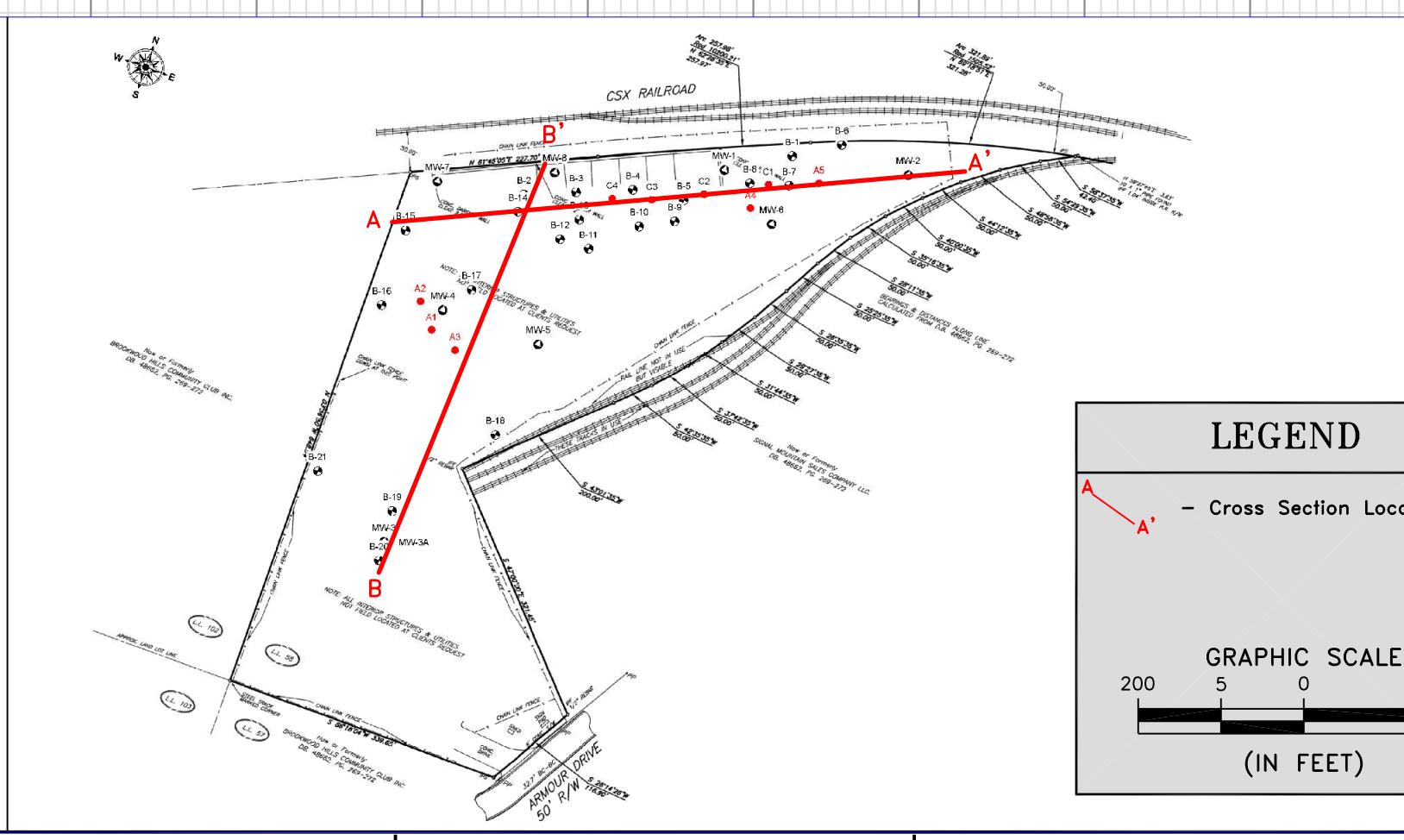
4.0 MILESTONE SCHEDULE:

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. The dates shown are based on the regulatory timeframes for VRP events. A Gantt chart of the following milestone schedule is included in Appendix 4.

Phase II Investigation by SFI Environmental	August, 2007
Release Notification	February 27, 2008
Listing on HSI	September 29, 2008
CSR Call-in Letter	June 9, 2015
Additional Investigations by SEA	November, 2015 and January, 2016
VRP Application and VIRP submittal	March 15, 2016
Additional Remedial Measures	As warranted
VRP Semi-Annual Reports	October, 2016 until October 2020
On site horizontal delineation	March 15, 2017
Off-site horizontal delineation, if necessary	March 15, 2018
Vertical Delineation, if necessary	September 15, 2018
VRP Compliance Status Report	March, 2021

Appendix 1: Figures





SEA

SAILORS ENGINEERING ASSOCIATES, INC.

ENVIRONMENTAL/GEOTECHNICAL

1675 SPECTRUM DRIVE
LAWRENCEVILLE, GEORGIA 30043

(770) 962-5922 FAX 962-7964

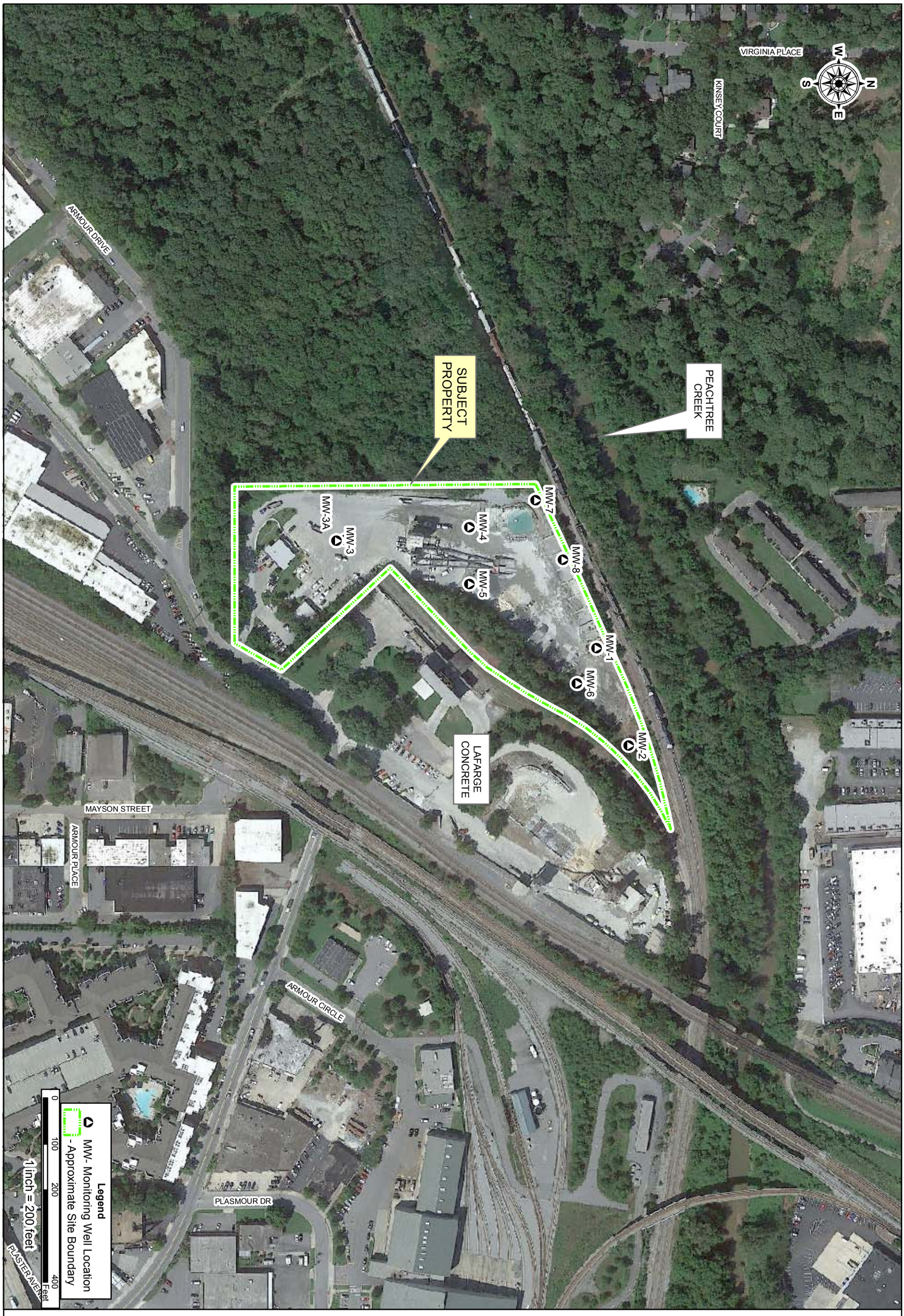
CONCEPTUAL SITE MODEL

FIGURE 1

BRIGHT HOUR TRUST PROPERTY

340 ARMOUR DRIVE
Atlanta, Fulton County, Georgia

Job No. 152-079



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

SITE PLAN

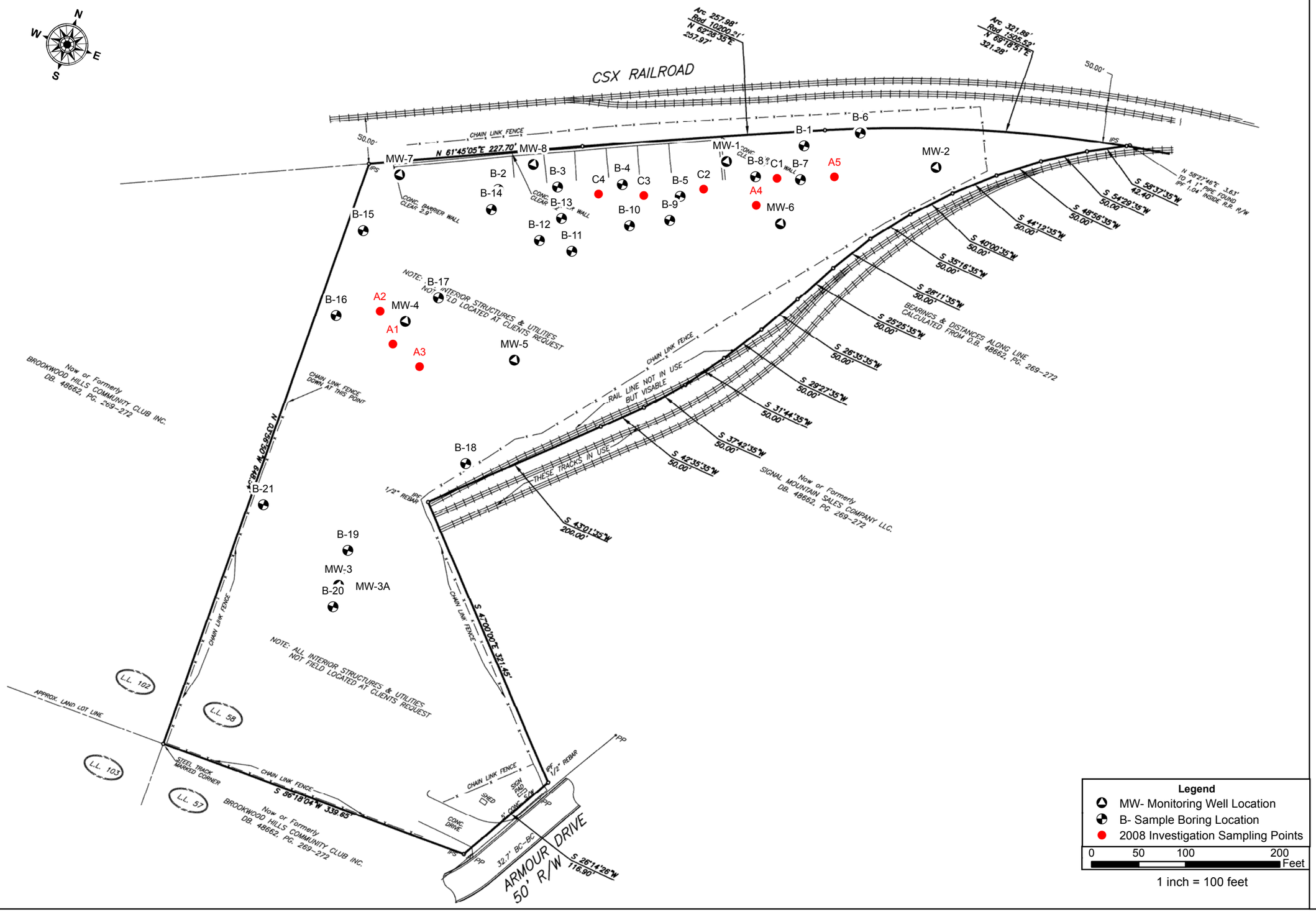
FIGURE 2

BRIGHT HOUR TRUST PROPERTY

340 Armour Drive
Atlanta, Fulton County, Georgia

Job No. 152-079

SEA-2203



BRIGHT HOUR TRUST PROPERTY

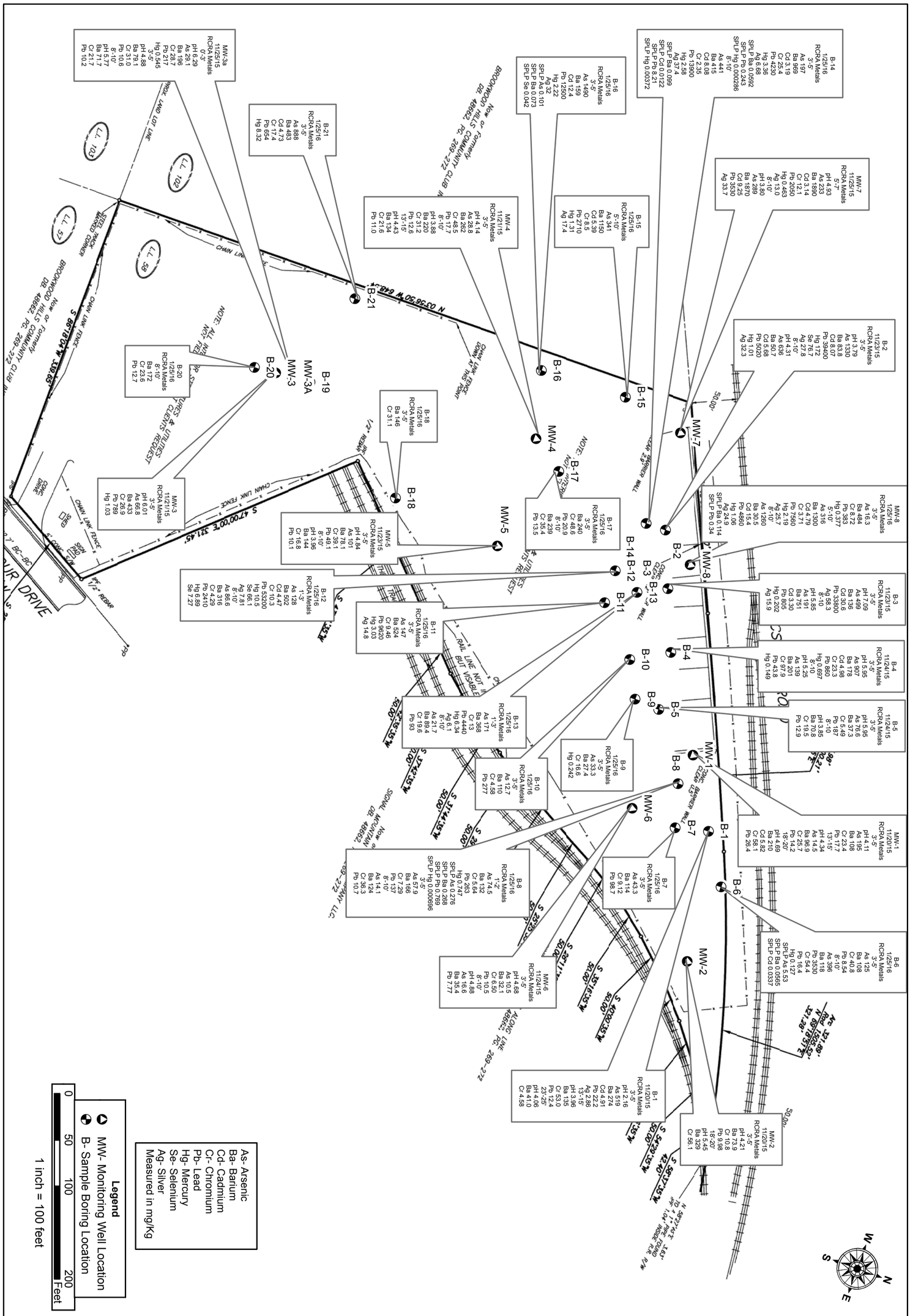
340 Armour Drive
Atlanta, Fulton County, Georgia

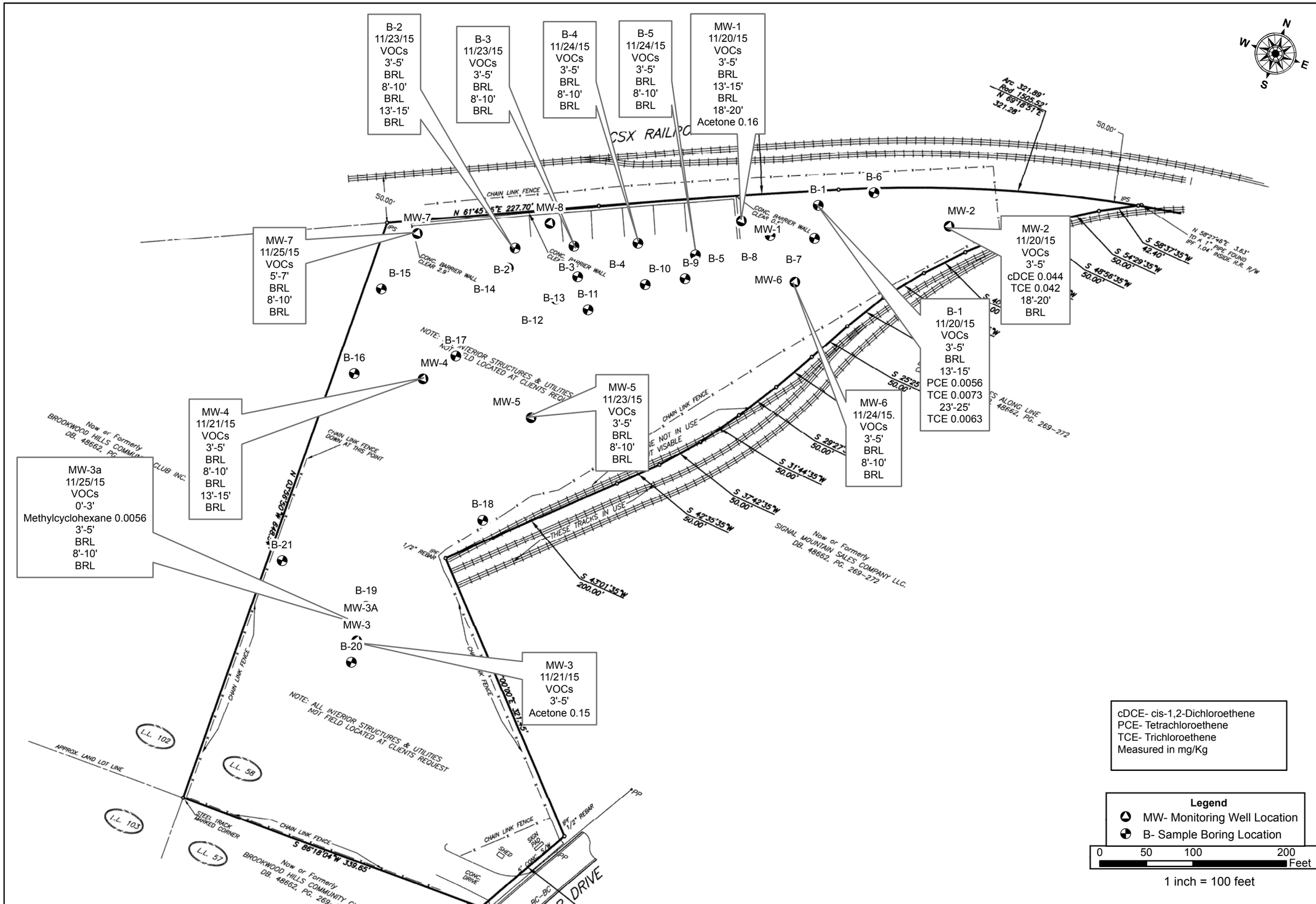
Job No. 152-079

SAMPLE LOCATION PLAN
FIGURE 3

SEA-2203

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


Legend
MW- Monitoring Well Location
B- Sample Boring Location
0 50 100 200 Feet
1 inch = 100 feet
As- Arsenic
Ba- Barium
Cd- Cadmium
Cr- Chromium
Pb- Lead
Hg- Mercury
Se- Selenium
Ag- Silver
Measured in mg/Kg
B-14
1/25/16
RCRA Metals
3'-5'
As 197
Ba 969
Cr 3.19
Cd 3.14
Pb 4230
Hg 3.36
Ag 6.68
SPLP Ba 0.0592
SPLP Hg 0.000296
8'-10'
As 441
Ba 415
Cd 3.05
Cr 2.35
Pb 13900
Hg 2.58
Ag 37.4
SPLP Ba 0.0499
SPLP Cd 0.0122
SPLP Pb 8.21
SPLP Hg 0.00372
MW-7
11/25/15
RCRA Metals
3'-5'
Cr 12.7
Pb 2050
Hg 0.463
Ag 13.0
8'-10'
pH 4.31
As 289
Ba 1870
Cd 9.25
Pb 3530
Ag 33.7
B-2
11/23/15
RCRA Metals
3'-5'
pH 7.09
As 1330
Ba 83.8
Cd 8.07
Pb 39400
Hg 7.67
Se 78.7
8'-10'
pH 4.31
As 1340
Ba 90.7
Cd 5.68
Pb 5020
Hg 1.01
Ag 32.3
MW-8
1/25/16
RCRA Metals
3'-5'
As 16.3
Ba 484
Cd 8.72
Pb 1170
Hg 0.377
5'-10'
As 316
Ba 1300
Cd 15.4
Cr 3.71
Pb 7560
Se 0.17
Ag 25.7
As 1360
Ba 30.5
Cd 15.4
Pb 4860
Hg 0.248
SPLP Ba 0.114
SPLP Pb 0.34
B-3
11/23/15
RCRA Metals
3'-5'
pH 7.09
As 1330
Ba 136
Cd 30.6
Pb 30300
Hg 58.3
8'-10'
pH 5.85
As 191
Cd 130
Pb 805
Hg 0.202
Ag 15.9
B-4
11/24/15
RCRA Metals
3'-5'
pH 5.25
As 907
Ba 178
Cd 4.98
Cr 233
Pb 6187
Hg 0.697
8'-10'
pH 5.25
As 139
Cd 3.01
Cr 97.9
Pb 43.8
Hg 0.149
B-5
11/24/15
RCRA Metals
3'-5'
pH 5.95
As 76.6
Ba 37.3
Cr 5.49
Pb 87.1
8'-10'
pH 3.85
Ba 70.8
Cd 2.37
Cr 19.5
Pb 12.9
MW-1
11/20/15
RCRA Metals
3'-5'
pH 4.11
As 195
Ba 108
Cr 23.4
Pb 1.54
13'-15'
pH 4.34
As 14.5
Ba 96.9
Cd 2.54
Pb 14.2
18'-20'
pH 4.69
Cd 2.10
Cr 88.1
Pb 26.4
B-6
1/25/16
RCRA Metals
3'-5'
As 125
Pb 8.54
Ba 108
Cr 40.8
Cd 3.44
Pb 3.50
Cr 54.4
Hg 0.127
As 5.53
SPLP Ba 0.0565
SPLP Cd 0.0337
B-7
1/25/16
RCRA Metals
3'-5'
As 43.3
Ba 114
Cr 9.12
Pb 98.7
B-8
1/25/16
RCRA Metals
3'-5'
Cr 16.6
Hg 0.242
B-9
1/25/16
RCRA Metals
3'-5'
As 33.3
Ba 28.4
Cr 16.6
Hg 0.242
B-10
1/25/16
RCRA Metals
3'-5'
As 12.7
Ba 119
Cr 47.9
Pb 277
B-11
1/25/16
RCRA Metals
3'-5'
As 147
Ba 524
Cr 84.0
Pb 40.0
Hg 3.03
Ag 14.8
B-12
1/25/16
RCRA Metals
1'-3'
As 128
Ba 437
Cd 4.47
Cr 10.3
Pb 53200
Se 0.51
Hg 10.5
Cd 1.81
Ag 7.81
8'-10'
As 86.6
Ba 316
Cd 2.42
Pb 2410
Hg 6.89
Se 7.27
B-13
1/25/16
RCRA Metals
1'-3'
As 171
Ba 368
Cr 13
Pb 40.0
Hg 6.34
Ag 6.1
8'-10'
As 217
Ba 884
Cr 19.6
Pb 93
B-15
1/25/16
RCRA Metals
5'-10'
As 341
Ba 1150
Cd 5.39
Cr 8.25
Pb 2710
Hg 1.31
Ag 17.4
B-16
1/25/16
RCRA Metals
3'-5'
As 400
Ba 159
Cd 12.4
Pb 12500
Hg 2.22
SPLP As 0.101
SPLP Ba 0.073
SPLP Se 0.042
B-17
1/25/16
RCRA Metals
3'-5'
Ba 240
Cr 46.6
Pb 20.9
Ba 239
Cr 35.4
Pb 13.5
B-18
1/25/16
RCRA Metals
3'-5'
Ba 146
Cr 31.1
B-19
B-20
1/25/16
RCRA Metals
8'-10'
Ba 172
Cr 23.6
Pb 12.7
B-21
1/25/16
RCRA Metals
3'-5'
As 86.8
Ba 483
Cd 4.73
Cr 17.4
Pb 654
Hg 8.32
MW-3
11/21/15
RCRA Metals
3'-5'
pH 6.01
As 63.3
Ba 203
Cr 26.9
Pb 789
Hg 1.03
MW-3A
MW-4
11/21/15
RCRA Metals
3'-5'
pH 4.14
As 28.8
Ba 482
Cd 2.82
Pb 17.7
8'-10'
pH 3.88
Ba 312
Cd 3.20
Pb 12.6
13'-15'
pH 4.43
Ba 214
Cd 2.16
Pb 11.0
MW-5
11/21/15
RCRA Metals
3'-5'
pH 4.84
As 101
Ba 78.1
Cr 38.1
Pb 49.1
8'-10'
pH 3.96
Ba 114
Cr 16.8
Pb 10.1
MW-6
11/21/15
RCRA Metals
3'-5'
pH 4.68
As 10.5
Ba 52.1
Cr 6.61
Pb 10.5
8'-10'
pH 4.88
As 16.5
Ba 35.4
Pb 7.77
MW-2
11/20/15
RCRA Metals
3'-5'
pH 4.21
Cr 10.8
Pb 9.98
18'-20'
pH 3.45
Ba 325
Cr 56.1
B-1
11/20/15
RCRA Metals
3'-5'
As 519
Ba 274
Cd 3.31
Pb 22.1
Ag 2.86
13'-15'
pH 3.96
Ba 13.5
Cr 53.5
Pb 12.4
23'-25'
pH 4.06
Ba 14.0
Cr 4.58
B-8
1/25/16
RCRA Metals
1'-2'
As 74.5
Ba 112
Cr 5.64
Pb 253
Hg 0.747
SPLP As 0.276
SPLP Ba 0.0268
SPLP Pb 0.769
SPLP Hg 0.000696
3'-5'
As 57.9
Ba 118
Cr 7.29
Pb 137
8'-10'
As 14.1
Ba 124
Cr 36.3
Pb 10.7
MW-1
SEA
SAILORS ENGINEERING ASSOCIATES, INC.
ENVIRONMENTAL/GEOTECHNICAL
1675 SPECTRUM DRIVE
LAWRENCEVILLE, GEORGIA 30043
(770) 962-5922 FAX 962-7964
SOIL IMPACT SUMMARY
RCRA METALS
FIGURE 4A
BRIGHT HOUR TRUST PROPERTY
340 Armour Drive
Atlanta, Fulton County, Georgia
Job No. 152-079
SEA-2203



cDCE- cis-1,2-Dichloroethene
PCE- Tetrachloroethene
TCE- Trichloroethene
Measured in mg/Kg

Legend
MW- Monitoring Well Location
B- Sample Boring Location

0 50 100 200 Feet

1 inch = 100 feet

BRIGHT HOUR TRUST PROPERTY

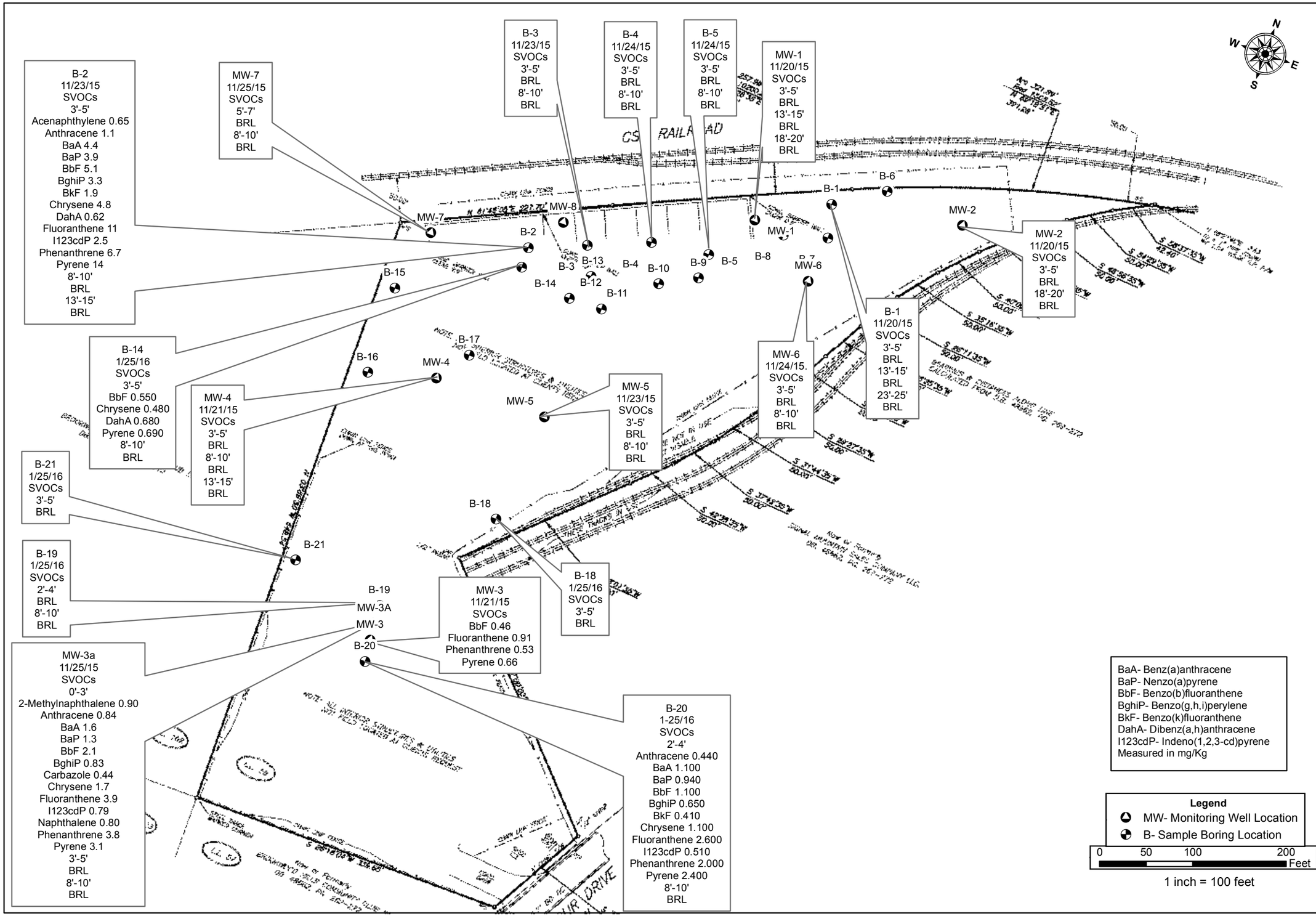
340 Armour Drive
Atlanta, Fulton County, Georgia

Job No. 152-079

SEA-2203

SOIL IMPACT SUMMARY VOCs FIGURE 4B

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



BRIGHT HOUR TRUST PROPERTY

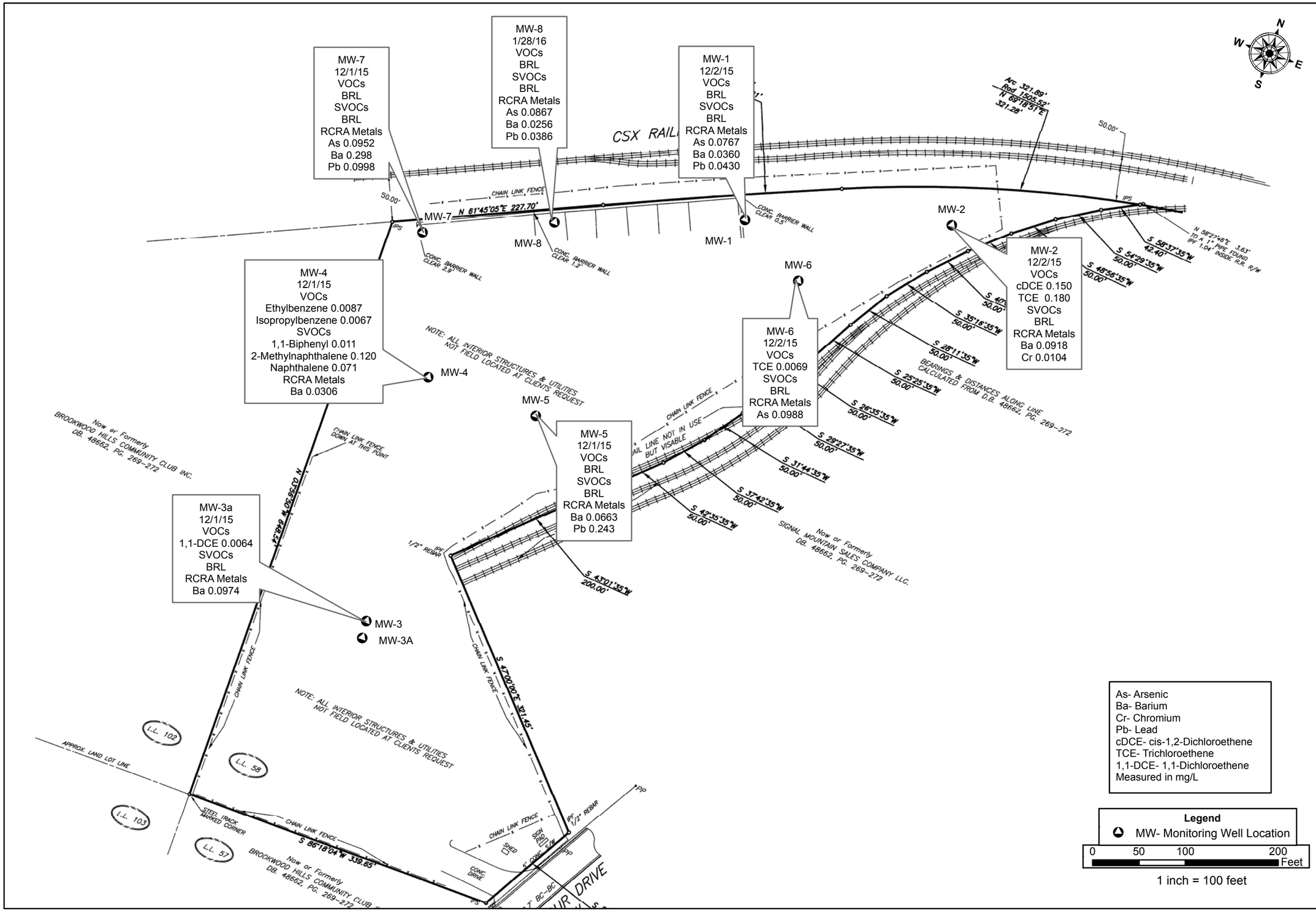
340 Armour Drive
Atlanta, Fulton County, Georgia

Job No. 152-079

SEA-2203

SOIL IMPACT SUMMARY
SVOCs
FIGURE 4C

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



As- Arsenic
Ba- Barium
Cr- Chromium
Pb- Lead
cDCE- cis-1,2-Dichloroethene
TCE- Trichloroethene
1,1-DCE- 1,1-Dichloroethene
Measured in mg/L

Legend

MW- Monitoring Well Location

0 50 100 200 Feet

1 inch = 100 feet

SEA-2203

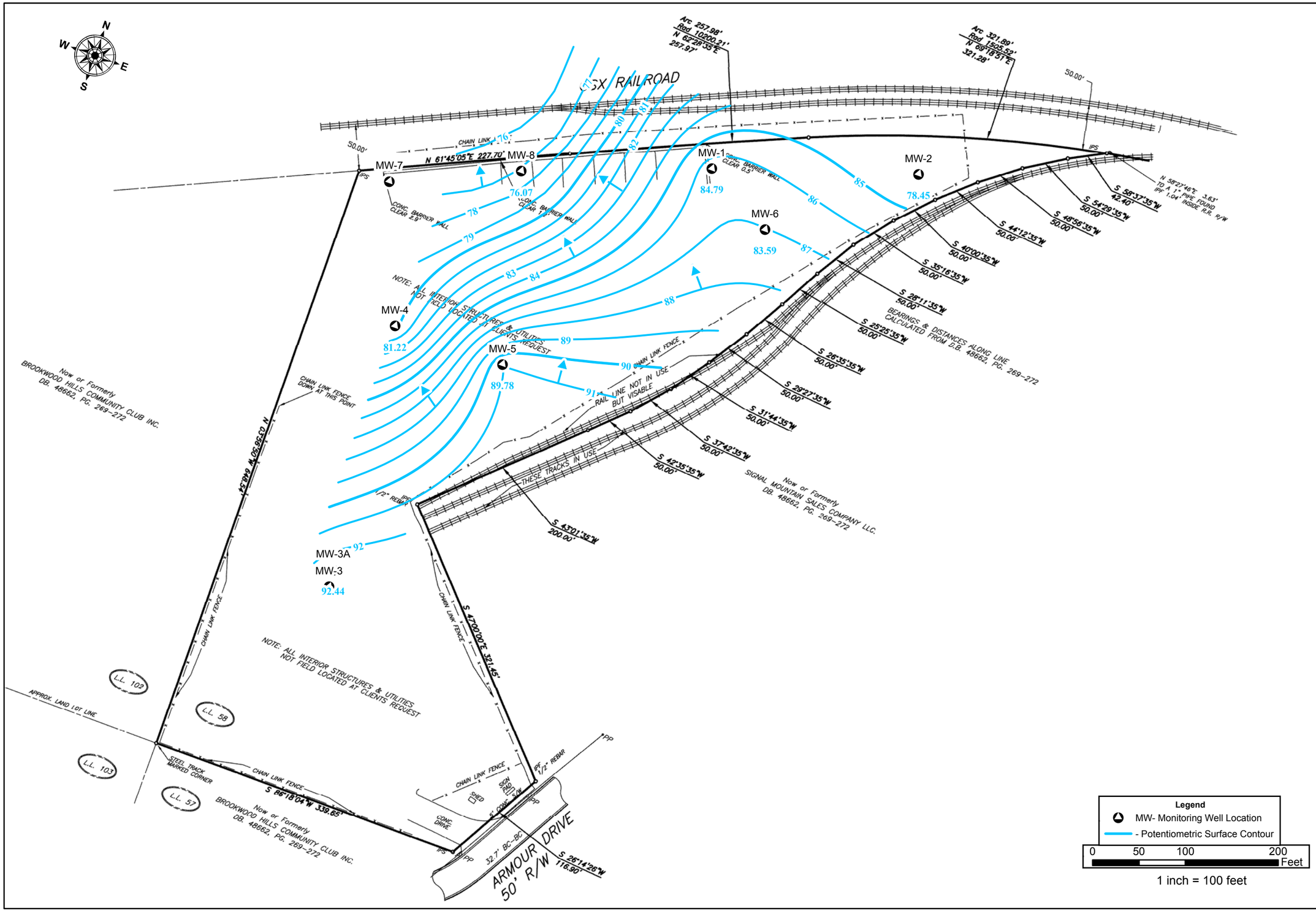
ALLIED READY MIX

340 Armour Drive
Atlanta, Fulton County, Georgia

Job No. 152-079

GROUNDWATER IMPACT SUMMARY FIGURE 5

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



BRIGHT HOUR TRUST PROPERTY

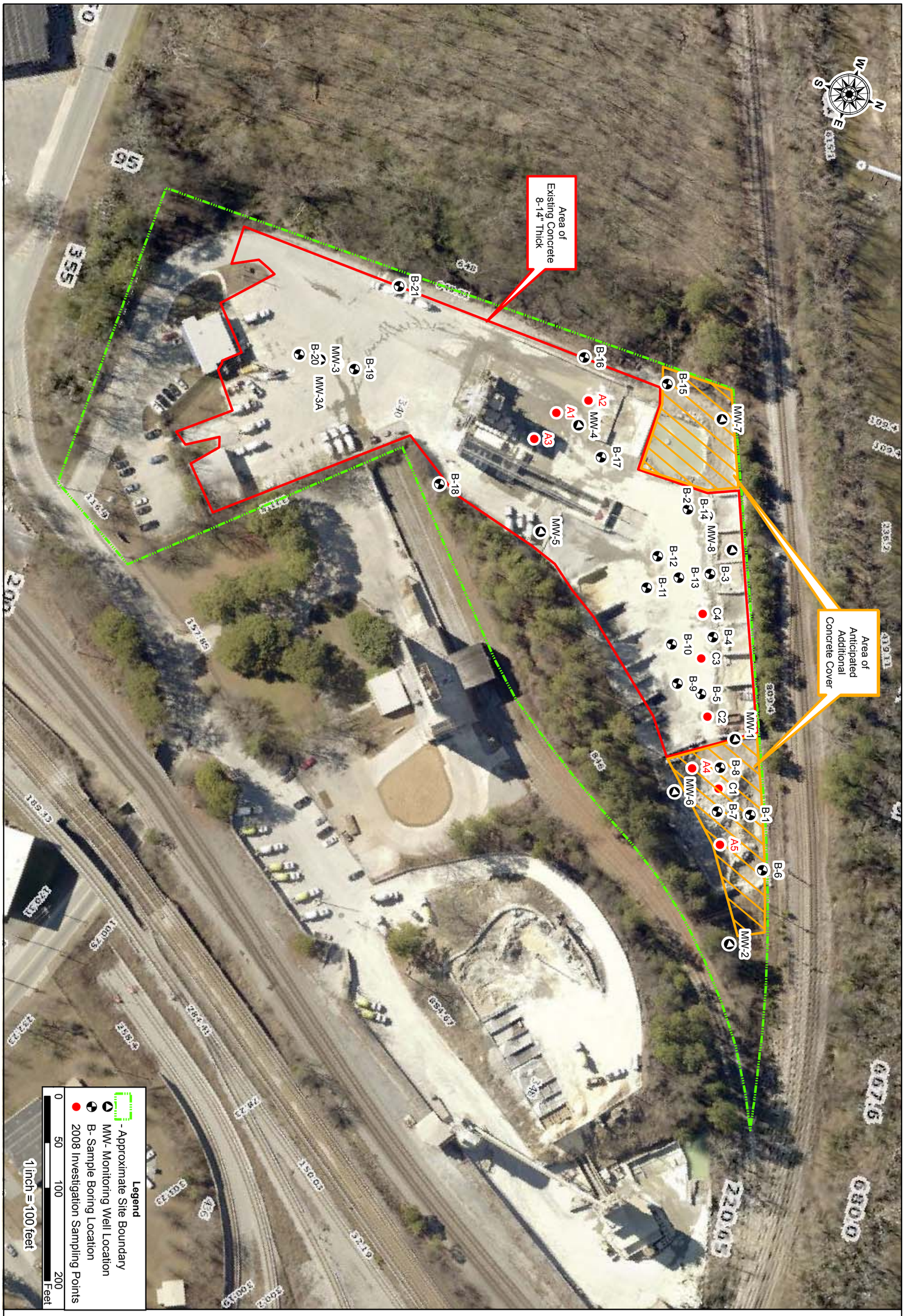
340 Armour Drive
Atlanta, Fulton County, Georgia

Job No. 152-079

SEA-2203

POTENTIOMETRIC MAP
1/28/16
FIGURE 6

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



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

ANTICIPATED COVER PLAN
FIGURE 7

BRIGHT HOUR TRUST PROPERTY

340 Armour Drive
Atlanta, Fulton County, Georgia

Job No. 152-079

SEA-2203

Appendix 2: Tables

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 1 - Summary of Soil Analyses - VOCs

Location	B-1	B-1	B-1	B-2	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	MW-1	MW-1	MW-1	MW-2	MW-2	MW-3
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	3-5	13-15	23-25	3-5	8-10	13-15	3-5	8-10	3-5	8-10	3-5	8-10	3-5	13-15	18-20	3-5	18-20	3-5
Date	11/20/15	11/20/15	11/20/15	11/23/15	11/23/15	11/23/15	11/23/15	11/23/15	11/24/15	11/24/15	11/24/15	11/24/15	11/20/15	11/20/15	11/20/15	11/20/15	11/20/15	11/21/15
Acetone	< 0.097	< 0.084	< 0.084	< 0.1	< 0.074	< 0.1	< 0.092	< 0.093	< 0.099	< 0.11	< 0.11	< 0.12	< 0.084	< 0.11	**0.16**	< 0.12	< 0.068	**0.15**
Benzene	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	< 0.0097	< 0.0084	< 0.0084	< 0.01	< 0.0074	< 0.01	< 0.0092	< 0.0093	< 0.0099	< 0.011	< 0.011	< 0.012	< 0.0084	< 0.011	< 0.011	< 0.012	< 0.0068	< 0.01
Chloroform	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
1,2_Dichlorobezene	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
1,1-DCA	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
1,1-DCE	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
cis-1,2-Dichloroethene	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	**0.044**	< 0.0034	<0.0052
Ethylbenzene	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
Isopropylbenzene	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
Isopropyltoluene	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
Methylcyclohexane	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
Naphthalene	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	< 0.0049	**0.0056**	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichhloroethene	< 0.0049	**0.0073**	**0.0063**	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	**0.042**	< 0.0034	<0.0052
1,2,4-trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052
Xylenes	< 0.0049	< 0.0042	< 0.0042	< 0.0051	< 0.0037	< 0.0051	< 0.0046	< 0.0046	< 0.005	< 0.0055	< 0.0056	< 0.006	< 0.0042	< 0.0055	< 0.0057	< 0.0061	< 0.0034	<0.0052

Note: VOCs not analyzed in B-6 through B-21 and MW-8

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 1 - Summary of Soil Analyses - VOCs

Location	MW-3A	MW-3A	MW-3A	MW-4	MW-4	MW-4	MW-5	MW-5	MW-6	MW-6	MW-7	MW-7	A-1	A-1	A-2	A-2	A-3
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	0-3	3-5	8-10	3-5	8-10	13-15	3-5	8-10	3-5	8-10	5-7	8-10	15	25	15	20	15
Date	11/25/15	11/25/15	11/25/15	11/21/15	11/21/15	11/21/15	11/23/15	11/23/15	11/24/15	11/24/15	11/25/15	11/25/15	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/15/2007
Acetone	< 0.093	< 0.091	< 0.079	< 0.13	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 0.1	< 0.092	< 0.076	< 0.053	< 0.110	< 0.057	< 2.700	< 0.100
Benzene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	< 0.0053	< 0.0029	< 0.140	< 0.005
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0053	< 0.011	< 0.0057	< 0.270	< 0.010
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0027	**0.069**	**0.0148**	**0.61**	< 0.010
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0053	< 0.011	< 0.0057	< 0.270	< 0.010
Carbon Disulfide	< 0.0093	< 0.0091	< 0.0079	< 0.013	< 0.011	< 0.011	< 0.012	< 0.011	< 0.011	< 0.01	< 0.0092	< 0.0076	< 0.0027	< 0.011	< 0.0057	< 0.270	< 0.010
Chloroform	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	< 0.0053	< 0.0029	< 0.140	< 0.005
1,2_Dichlorobezene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	< 0.011	< 0.0057	< 0.270	< 0.010
1,1-DCA	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	< 0.0053	< 0.0029	< 0.140	< 0.005
1,1-DCE	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	< 0.0053	< 0.0029	< 0.140	< 0.005
cis-1,2-Dichloroethene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	**0.0064**	< 0.0029	< 0.140	< 0.005
Ethylbenzene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	**0.015**	< 0.0029	**0.11**	< 0.005
Isopropylbenzene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0053	**0.042**	< 0.0057	**0.18**	< 0.010
Isopropyltoluene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0053	**0.03**	**0.0087**	**0.41**	< 0.010
Methylcyclohexane	**0.0056**	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	NA	NA	NA	NA	NA
Naphthalene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0053	**0.72**	**0.064**	**2.5**	< 0.010
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0027	**0.067**	**0.0087**	**0.32**	< 0.010
Tetrachloroethene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0053	< 0.0053	< 0.0029	< 0.140	< 0.010
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0053	< 0.011	< 0.0057	< 0.270	< 0.005
Trichhloroethene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0053	< 0.0053	< 0.0029	< 0.140	**0.0053**
1,2,4-trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0053	**0.014**	**0.0849**	**2.6**	< 0.010
1,3,5-trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0053	**0.071**	< 0.0057	**0.59**	< 0.010
Toluene	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	< 0.0053	< 0.0029	< 0.140	< 0.005
Xylenes	< 0.0047	< 0.0046	< 0.004	< 0.0067	< 0.0055	< 0.0053	< 0.0062	< 0.0055	< 0.0054	< 0.0051	< 0.0046	< 0.0038	< 0.0027	**0.011**	< 0.0029	**0.14**	< 0.005

Note: VOCs not analyzed in B-6 through B-21 and MW-8

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 1 - Summary of Soil Analyses - VOCs

Location	A-4	A-5	C-1	C-2	C-3	C-3	C-4	C-4
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	20	20	23'-24'	4'-5'	11'-12'	16'-18.5'	12-14.5	22'-23'
Date	8/15/2007	8/15/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007
Acetone	< 3.300	< 0.072	< 0.120	< 0.046	< 0.100	< 0.120	< 0.068	< 0.039
Benzene	< 0.160	< 0.0036	< 0.0061	< 0.0023	< 0.005	< 0.0061	< 0.0034	< 0.0020
n-Butylbenzene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
sec-Butylbenzene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
tert-Butylbenzene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
Carbon Disulfide	< 0.330	< 0.0072	< 0.012	< 0.0046	**0.015**	< 0.012	< 0.0068	< 0.0039
Chloroform	< 0.160	< 0.0036	< 0.0061	< 0.0023	< 0.005	< 0.0061	< 0.0034	< 0.0020
1,2_Dichlorobezene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
1,1-DCA	< 0.160	< 0.0036	< 0.0061	< 0.0023	< 0.005	< 0.0061	< 0.0034	< 0.0020
1,1-DCE	< 0.160	< 0.0036	< 0.0061	< 0.0023	< 0.005	< 0.0061	< 0.0034	< 0.0020
cis-1,2-Dichloroethene	< 0.160	**0.03**	< 0.0061	< 0.0023	< 0.005	< 0.0061	< 0.0034	< 0.0020
Ethylbenzene	< 0.160	< 0.0036	< 0.0061	< 0.0023	< 0.005	< 0.0061	< 0.0034	< 0.0020
Isopropylbenzene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
Isopropyltoluene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
n-Propylbenzene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
Tetrachloroethene	< 0.160	< 0.0036	< 0.0061	< 0.0023	**0.032**	< 0.0061	< 0.0034	**0.0073**
1,2,3-Trichlorobenzene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
Trichhloroethene	< 0.160	**0.19**	< 0.0061	< 0.0023	**0.0076**	< 0.0061	< 0.0034	**0.0028**
1,2,4-trimethylbenzene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
1,3,5-trimethylbenzene	< 0.330	< 0.0072	< 0.012	< 0.0046	< 0.010	< 0.012	< 0.0068	< 0.0039
Toluene	< 0.160	< 0.0036	< 0.0061	< 0.0023	< 0.005	< 0.0061	< 0.0034	< 0.0020
Xylenes	< 0.160	< 0.0036	< 0.0061	< 0.0023	< 0.005	< 0.0061	< 0.0034	< 0.0020

Note: VOCs not analyzed in B-6 through B-21 and MW-8

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 2 - Summary of Soil Analyses - SVOCs

Location	B-1	B-1	B-1	B-2	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-14	B-14	B-18	B-19	B-19
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	3-5	13-15	23-25	3-5	8-10	13-15	3-5	8-10	3-5	8-10	3-5	8-10	3-5	8-10	3-5	2-4	8-10
Date	11/20/15	11/20/15	11/20/15	11/23/15	11/23/15	11/23/15	11/23/15	11/23/15	11/24/15	11/24/15	11/24/15	11/24/15	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	< 0.4	< 0.42	< 0.35	**0.65**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Anthracene	< 0.4	< 0.42	< 0.35	**1.1**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Benz(a)anthracene	< 0.4	< 0.42	< 0.35	**4.4**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Benzo(a)pyrene	< 0.4	< 0.42	< 0.35	**3.9**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Benzo(b)fluoranthene	< 0.4	< 0.42	< 0.35	**5.1**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	**0.55**	< 0.380	< 0.360	< 0.400	< 0.430
Benzo(g,h,i)perylene	< 0.4	< 0.42	< 0.35	**3.3**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Benzo(k)fluoranthene	< 0.4	< 0.42	< 0.35	**1.9**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Carbazole	< 0.4	< 0.42	< 0.35	< 0.4	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Chrysene	< 0.4	< 0.42	< 0.35	**4.8**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	**0.48**	< 0.380	< 0.360	< 0.400	< 0.430
Dibenzofuran	< 0.4	< 0.42	< 0.35	< 0.4	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Dibenz(a,h)anthracene	< 0.4	< 0.42	< 0.35	**0.62**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Fluoranthene	< 0.4	< 0.42	< 0.35	**11**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	**0.68**	< 0.380	< 0.360	< 0.400	< 0.430
Flourene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	< 0.4	< 0.42	< 0.35	**2.5**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
2-Methylnaphthalene	< 0.4	< 0.42	< 0.35	< 0.4	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Naphthalene	< 0.4	< 0.42	< 0.35	< 0.4	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Phenanthrene	< 0.4	< 0.42	< 0.35	**6.7**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	< 0.410	< 0.380	< 0.360	< 0.400	< 0.430
Pyrene	< 0.4	< 0.42	< 0.35	**14**	< 0.38	< 0.39	< 0.38	< 0.38	< 0.4	< 0.37	< 0.41	< 0.4	**0.69**	< 0.380	< 0.360	< 0.400	< 0.430

Note: SVOCs not analyzed in B-6 through B-13, B-15 through B-17 and MW-8

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 2 - Summary of Soil Analyses - SVOCs

Location	B-20	B-20	B-21	MW-1	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3A	MW-3A	MW-3A	MW-4	MW-4	MW-4	MW-5	MW-5	MW-6
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	2-4	8-10	3-5	3-5	13-15	18-20	3-5	18-20	3-5	0-3	3-5	8-10	3-5	8-10	13-15	3-5	8-10	3-5
Date	1/25/2016	1/25/2016	1/25/2016	11/20/15	11/20/15	11/20/15	11/20/15	11/20/15	11/21/15	11/25/15	11/25/15	11/25/15	11/21/15	11/21/15	11/21/15	11/23/15	11/23/15	11/24/15
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	< 0.410	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	< 0.40	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Anthracene	**0.44**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**0.84**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Benz(a)anthracene	**1.1**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**1.6**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Benzo(a)pyrene	**0.94**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**1.3**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Benzo(b)fluoranthene	**1.1**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	**0.46**	**2.1**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Benzo(g,h,i)perylene	**0.65**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**0.83**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Benzo(k)fluoranthene	**0.41**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	< 0.40	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Carbazole	< 0.410	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**0.44**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Chrysene	**1.1**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**1.7**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Dibenzofuran	< 0.410	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	< 0.40	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Dibenz(a,h)anthracene	< 0.410	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	< 0.40	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Fluoranthene	**2.6**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	**0.91**	**3.9**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Flourene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	**0.51**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**0.79**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
2-Methylnaphthalene	< 0.410	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**0.90**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Naphthalene	< 0.410	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	< 0.44	**0.80**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Phenanthrene	**2**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	**0.53**	**3.8**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37
Pyrene	**2.4**	< 0.410	< 0.390	< 0.39	< 0.41	< 0.46	< 0.36	< 0.36	**0.66**	**3.1**	< 0.42	< 0.39	< 0.39	< 0.4	< 0.42	< 0.39	< 0.37	< 0.37

Note: SVOCs not analyzed in B-6 through B-13, B-15 through B-17 and MW-8

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 2 - Summary of Soil Analyses - SVOCs

Location	MW-6	MW-7	MW-7	A-1	A-1	A-2	A-2	A-3	A-4	A-5	C-1	C-2	C-3	C-3	C-4	C-4
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	8-10	5-7	8-10	15	25	15	20	15	20	20	23'-24'	4'-5'	11'-12'	16'-18.5'	12-14.5	22'-23'
Date	11/24/15	11/25/15	11/25/15	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007
Acenaphthene	NA	NA	NA	< 0.400	< 0.420	**2**	**13**	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Acenaphthylene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Anthracene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Benz(a)anthracene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Benzo(a)pyrene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Benzo(b)fluoranthene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Benzo(g,h,i)perylene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Benzo(k)fluoranthene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Carbazole	< 0.36	< 0.38	< 0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Dibenzofuran	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	**13**	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Dibenz(a,h)anthracene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Fluoranthene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Flourene	NA	NA	NA	**6.3**	< 0.420	**5.4**	**3.7**	**0.56**	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Indeno(1,2,3-cd)pyrene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	< 0.410	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
2-Methylnaphthalene	< 0.36	< 0.38	< 0.40	**13**	< 0.420	**13**	**2.2**	**1.2**	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Naphthalene	< 0.36	< 0.38	< 0.40	< 0.400	< 0.420	**2.6**	**1.6**	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Phenanthrene	< 0.36	< 0.38	< 0.40	**31**	**0.48**	**22**	**10**	**1.1**	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380
Pyrene	< 0.36	< 0.38	< 0.40	**4.2**	< 0.420	**0.94**	< 0.430	< 0.390	< 0.360	< 0.430	< 0.490	< 3.900	< 0.380	< 0.450	< 0.380	< 0.380

Note: SVOCs not analyzed in B-6 through B-13, B-15 through B-17 and MW-8

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 3 - Summary of Soil Analyses – RCRA Metals

Location	B-1	B-1	B-1	B-2	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-6	B-6	B-7	B-8	B-8
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	3-5	13-15	23-25	3-5	8-10	13-15	3-5	8-10	3-5	8-10	3-5	8-10	3-5	8-10	3-5	1-2	3-5
Date	11/20/15	11/20/15	11/20/15	11/23/15	11/23/15	11/23/15	11/23/15	11/23/15	11/24/15	11/24/15	11/24/15	11/24/15	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016
pH	2.16	3.96	4.06	3.79	4.31	5.05	7.09	5.85	5.95	5.25	5.95	3.85	NA	NA	NA	NA	NA
Arsenic	**519**	< 6.21	< 4.88	**1330**	**636**	**206**	**499**	**191**	**907**	**139**	**76.6**	< 5.91	**125**	**396**	**43.3**	**74.5**	**57.9**
Barium	**274**	**135**	**41.0**	**83.8**	**50.7**	**73.0**	**136**	**751**	**178**	**201**	**37.3**	**70.8**	**108**	**118**	**114**	**132**	**166**
Cadmium	**4.91**	< 3.1	< 2.44	**8.07**	**5.68**	< 2.94	**30.6**	**3.30**	**4.98**	< 2.54	< 3.08	< 2.95	< 2.84	< 2.90	< 2.36	< 2.84	< 3.20
Chromium	< 2.76	**53.0**	**4.58**	< 2.93	< 2.74	**6.56**	< 2.64	< 2.83	**23.3**	**97.9**	**5.49**	**19.5**	**40.8**	**54.4**	**9.12**	**5.64**	**7.29**
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**22.2**	**12.4**	< 4.88	**39400**	**5020**	**9.06**	**33800**	**805**	**860**	**43.8**	**187**	**12.9**	**8.54**	**16.4**	**98.7**	**263**	**137**
Mercury	< 0.119	< 0.115	< 0.104	**172**	**1.01**	**0.251**	< 0.113	**0.202**	**0.697**	**0.149**	< 0.120	< 0.119	< 0.106	**0.127**	< 0.112	**0.747**	< 0.118
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	< 5.52	< 6.21	< 4.88	**76.7**	< 5.47	< 5.88	< 5.27	< 5.66	< 5.72	< 5.08	< 6.15	< 5.91	< 5.67	< 5.79	< 4.73	< 5.68	< 6.40
Silver	**2.86**	< 3.1	< 2.44	**27.8**	**32.3**	< 2.94	**58.3**	**15.9**	< 2.86	< 2.54	< 3.08	< 2.95	< 2.84	< 2.90	< 2.36	< 2.84	< 3.20
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note: RCRA Metals not analyzed in B-19 and A-1 through A-5

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 3 - Summary of Soil Analyses – RCRA Metals

Location	B-8	B-9	B-10	B-11	B-12	B-12	B-13	B-13	B-14	B-14	B-15	B-16	B-17	B-17	B-18	B-20
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	8-10	3-5	3-5	1-3	1-3	8-10	1-3	8-10	3-5	8-10	5-10	3-5	3-5	8-10	3-5	8-10
Date	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016	1/25/2016
pH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**14.1**	**33.3**	**12.7**	**147**	**128**	**86.6**	171	21.7	**197**	**441**	**341**	**1490**	156	<4.99	< 4.53	< 5.73
Barium	**124**	**27.4**	**110**	**524**	**502**	**316**	368	89.4	**969**	**415**	**1150**	**159**	240	239	**146**	**172**
Cadmium	< 3.02	< 2.77	< 3.01	< 2.75	**4.47**	< 2.68	<2.61	<2.78	**3.19**	**8.08**	**5.39**	**12.4**	<2.91	<2.50	< 2.27	< 2.86
Chromium	**36.3**	**16.6**	**4.58**	**9.46**	**10.3**	**4.29**	13	19.6	**25.4**	**2.35**	**8.5**	< 2.83	48.6	35.4	**31.1**	**23.6**
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**10.7**	< 5.53	**277**	**9620**	**53200**	**2410**	4440	93	**4230**	**13900**	**2710**	**12500**	20.9	13.5	< 4.53	**12.7**
Mercury	< 0.121	**0.242**	< 0.110	**3.03**	**10.5**	**6.89**	6.34	<0.115	**3.36**	**2.58**	**1.31**	**2.22**	<0.119	<0.119	< 0.0984	< 0.121
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	< 6.05	< 5.53	< 6.02	< 5.50	**66.1**	**7.27**	<5.21	<5.55	< 5.69	< 4.29	< 5.00	< 5.67	<5.82	<4.99	< 4.53	< 5.73
Silver	< 3.02	< 2.77	< 3.01	**14.8**	**7.81**	< 2.68	6.1	<2.78	**6.68**	**37.4**	**17.4**	**32**	<2.91	<2.50	< 2.27	< 2.86
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note: RCRA Metals not analyzed in B-19 and A-1 through A-5

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI # 10894
SEA Job #152-079

Table 3 - Summary of Soil Analyses – RCRA Metals

Location	B-21	MW-1	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3A	MW-3A	MW-3A	MW-4	MW-4	MW-4	MW-5	MW-5	MW-6	MW-6	MW-7
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	3-5	3-5	13-15	18-20	3-5	18-20	3-5	0-3	3-5	8-10	3-5	8-10	13-15	3-5	8-10	3-5	8-10	5-7
Date	1/25/2016	11/20/15	11/20/15	11/20/15	11/20/15	11/20/15	11/21/15	11/25/15	11/25/15	11/25/15	11/21/15	11/21/15	11/21/15	11/23/15	11/23/15	11/24/15	11/24/15	11/25/15
pH	NA	4.11	4.34	4.69	4.21	5.45	6.01	6.29	4.88	5.77	4.14	3.88	4.43	4.84	3.96	4.68	4.88	4.93
Arsenic	**888**	**195**	**14.5**	< 6.57	< 5.12	< 5.28	**66.8**	**29.1**	< 5.78	< 5.65	**28.8**	< 5.76	< 5.82	**101**	< 5.35	**10.5**	**16.6**	**233**
Barium	**483**	**108**	**96.9**	**210**	**73.9**	**329**	**433**	**196**	**79.1**	**71.7**	**262**	**220**	**134**	**78.1**	**144**	**32.1**	**35.4**	**1890**
Cadmium	**4.73**	< 2.9	< 2.9	**5.82**	< 2.56	< 2.64	< 3.29	< 2.9	< 2.89	< 2.83	< 2.85	< 2.88	< 2.91	< 2.80	< 2.67	< 2.67	< 2.67	**3.14**
Chromium	**17.4**	**23.4**	**25.7**	**58.1**	**10.8**	**56.1**	**26.9**	**28.7**	**31.0**	**21.7**	**48.5**	**31.2**	**21.6**	**39.1**	**16.8**	**6.50**	< 2.67	**12.1**
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**654**	**17.7**	**14.2**	**26.4**	**9.98**	< 5.28	**789**	**217**	**10.6**	**10.2**	**17.7**	**12.6**	**11.0**	**49.1**	**10.1**	**10.5**	**7.77**	**2050**
Mercury	**8.32**	< 0.114	< 0.122	< 0.121	< 0.102	< 0.099	**1.03**	**0.545**	< 0.116	< 0.103	< 0.114	< 0.118	< 0.123	< 0.119	< 0.105	< 0.111	< 0.0973	**0.463**
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	< 5.67	< 5.79	< 5.8	< 6.57	< 5.12	< 5.28	< 6.57	< 5.79	< 5.78	< 5.65	< 5.7	< 5.76	< 5.82	< 5.59	< 5.35	< 5.34	< 5.34	< 5.73
Silver	< 2.83	< 2.9	< 2.9	< 3.28	< 2.56	< 2.64	< 3.29	< 2.9	< 2.89	< 2.83	< 2.85	< 2.88	< 2.91	< 2.8	< 2.67	< 2.67	< 2.67	**13.0**
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note: RCRA Metals not analyzed in B-19 and A-1 through A-5

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
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SEA Job #152-079

Table 3 - Summary of Soil Analyses – RCRA Metals

Location	MW-7	MW-8	MW-8	MW-8	C-1	C-2	C-3	C-3	C-4	C-4
Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Depth	8-10	3-5	5-10	8-10	23'-24'	4'-5'	11'-12'	16'-18.5'	12-14.5	22'-23'
Date	11/25/15	1/25/2016	1/25/2016	1/25/2016	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007	8/16/2007
pH	3.80	NA	NA	NA	4.27	2.04	3.57	3.26	3.73	3.19
Arsenic	**289**	16.3	316	1260	< 4.4	**400**	**150**	**97**	**290**	**140**
Barium	**1870**	484	1300	30.5	**110**	**970**	**2200**	**2000**	**360**	**420**
Cadmium	**9.25**	< 2.58	4.79	15.4	< 1.5	**3.7**	**7.2**	**4.2**	**7.3**	**4.6**
Chromium	< 2.89	8.72	3.71	< 2.98	**19**	**7.7**	**7.1**	**17**	**4.9**	**13**
Copper	NA	NA	NA	NA	**12**	**370**	**580**	**340**	**370**	**180**
Lead	**3530**	383	7560	4860	< 3.7	**7500**	**1500**	**1500**	**7300**	**6400**
Mercury	< 0.106	0.377	2.19	1.06	< 0.37	**3.3**	**2.6**	**1.6**	**0.083**	**20**
Nickel	NA	NA	NA	NA	**21**	< 2.4	**2.6**	**3.2**	< 2.3	**3.6**
Selenium	< 5.78	< 5.16	< 5.40	< 5.95	< 5.9	**22**	< 4.6	< 5.5	< 4.6	**9.7**
Silver	**33.7**	< 2.58	25.7	24.9	< 1.5	**18**	**20**	**12**	**23**	**14**
Zinc	NA	NA	NA	NA	**99**	**280**	**790**	**410**	**210**	**130**

Note: RCRA Metals not analyzed in B-19 and A-1 through A-5

Bright Hour Trust Property
340 Armour Drive, Atlanta, GA 30324
HSI# 10894
SEA Job #152-079

Table 4 - Summary of Ground Water Analyses

		Total Metals				VOCs					SVOCs		
Sample Location	Date	Arsenic	Barium	Chromium	Lead	1,1-Dichloroethene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Trichloroethene	1,1'-Biphenyl	2-Methylnaphthalene	Naphthalene
MW-1	12/2/2015	**0.0767**	**0.036**	<0.0100	**0.043**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.010
MW-2	12/2/2015	<0.0500	**0.0918**	**0.0104**	<0.0100	<0.0050	**0.150**	<0.0050	<0.0050	**0.180**	<0.010	<0.010	<0.010
MW-3A	12/1/2015	<0.0500	**0.0974**	<0.0100	<0.0100	**0.0064**	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.010
MW-4	12/1/2015	<0.0500	**0.0306**	<0.0100	<0.0100	<0.0050	<0.0050	**0.0087**	**0.0067**	<0.0050	**0.011**	**0.120**	**0.071**
MW-5	12/1/2015	<0.0500	**0.0663**	<0.0100	**0.243**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.010
MW-6	12/2/2015	**0.0988**	<0.0100	<0.0100	<0.0100	<0.0050	<0.0050	<0.0050	<0.0050	**0.0069**	<0.010	<0.010	<0.010
MW-7	12/1/2015	**0.0952**	**0.298**	<0.0100	**0.0998**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.010
MW-8	1/28/2016	**0.0867**	**0.0256**	<0.0100	**0.0386**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.010	<0.010

Concentrations mg/L

Appendix 3: Warranty Deed and Tax Map

Deed Book 51422 Pg 602
Filed and Recorded Jul-17-2012 08:30am
2012-0188881
Real Estate Transfer Tax $1,600.00
Cathelene Robinson
Clerk of Superior Court
Fulton County, Georgia

AFTER RECORDING, RETURN TO:
Boult, Cummings, Conners & Berry, PLC
414 Union Street, Suite 1600
Nashville, TN 37219

LIMITED WARRANTY DEED

THIS INDENTURE made this 2nd day of January, 2001, by and between Key Investments, Inc., as party or parties of the first part, hereinafter called GRANTOR and Calvin Houghland, Trustee of Bright Hour Trust, created pursuant to that certain Trust Agreement dated December 13, 2000, as party or parties of the second part, hereinafter called GRANTEE, whose address is P. O. Box 1569, Brentwood, Tennessee 37024, (the words "Grantor" and Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that: Grantor, for and in consideration of the sum of ONE MILLION SIX HUNDRED THOUSAND AND NO/100 DOLLARS ($1,600,000.00) in hand paid at and before the sealing and delivery of these proceeds, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee,

Land Lot 58 of the 17th District of Fulton County, Georgia, more particularly described as follows:

BEGINNING at the corner formed by the intersection of the northwesterly side of the right-of-way of Southern Railway with the southerly side of right-of-way of Seaboard Air Line Railroad Company, and running thence in a southwesterly direction along the northwesterly side of the right-of-way of Southern Railway, and following the curvature thereof, a distance of 1100 feet, more or less, to the south line of said Land Lot 58; thence west along the south line of said Land Lot 58 a distance of 500 feet, more or less, to the southwest corner of said Land Lot 58; thence north along the west line of said Land Lot 58 a distance of 650 feet, more or less, to the southeasterly side of the right-of-way of Seaboard Air Line Railroad Company; thence in a northeasterly and easterly direction along the southeasterly and southerly side of the right-of-way of Seaboard Air Line Railroad Company, following the curvature thereof, a distance of 1068 feet, more or less, to the point of beginning.

The above described property is the same property conveyed to grantor herein by Walker Hauling Co., Inc., a Corporation by deed dated August 20, 1963 and recorded in Book 4116, page 196, Fulton County, Georgia records.

There is excepted from this conveyance that portion of the above described property which was conveyed by warranty deed from Walker Hauling Co., Inc. to Marquette Cement Manufacturing Company by warranty deed dated March 16, 1962, and recorded in Deed Book 3854, page 324, Fulton County, Georgia records.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, and the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above described property unto the said Grantee against the claims of persons holding, by through, or under the Grantor.

This conveyance is subject to any and all liens, encumbrances, easements and other matters of record in the Clerk of Superior Court of Fulton County, Georgia which apply to the herein described property, together with rights of any parties in possession of the described property or any portion thereof.

IN WITNESS WHEREOF, the Grantor has signed and sealed this deal, the day and year above written.

Signed, sealed and delivered
in the presence of:

Mella Kepley
Unofficial Witness

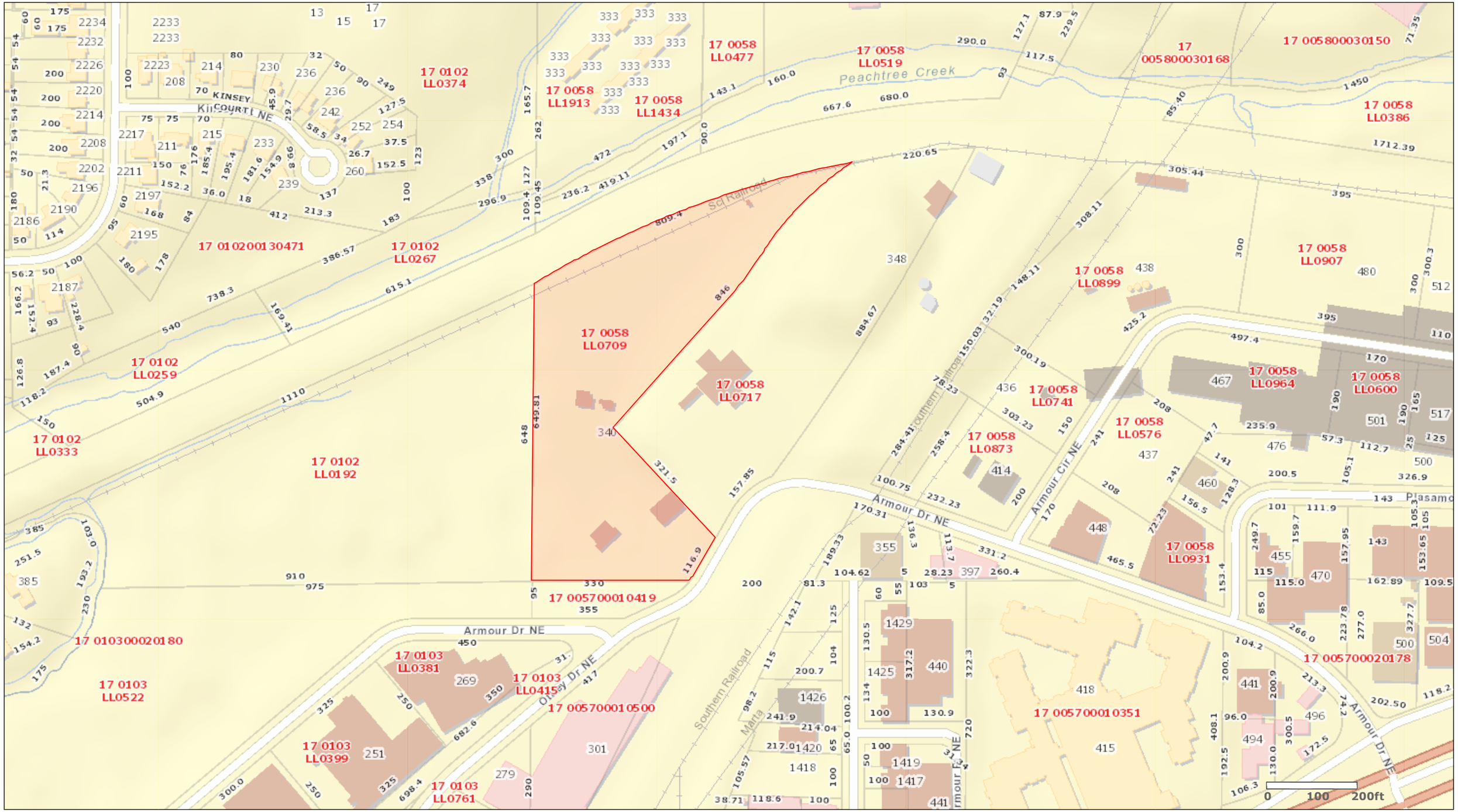
Loretta B. Lane
Notary Public

Notary Seal/Commission Expiration
1/23/2002

KEY INVESTMENTS, INC.

By: John Schale (SEAL)

Title: V.P. Treasurer



340 Armour Drive

Fulton County, Georgia

Fulton County provides the data on this map for your personal use "as is". The data are not guaranteed to be accurate, correct, or complete. The feature locations depicted in these maps are approximate and are not necessarily accurate to surveying or engineering standards. Fulton County assumes no responsibility for losses resulting from the use these data, even if Fulton County is advised of the possibility of such losses.

Appendix 4: Milestone Schedule Gantt Chart

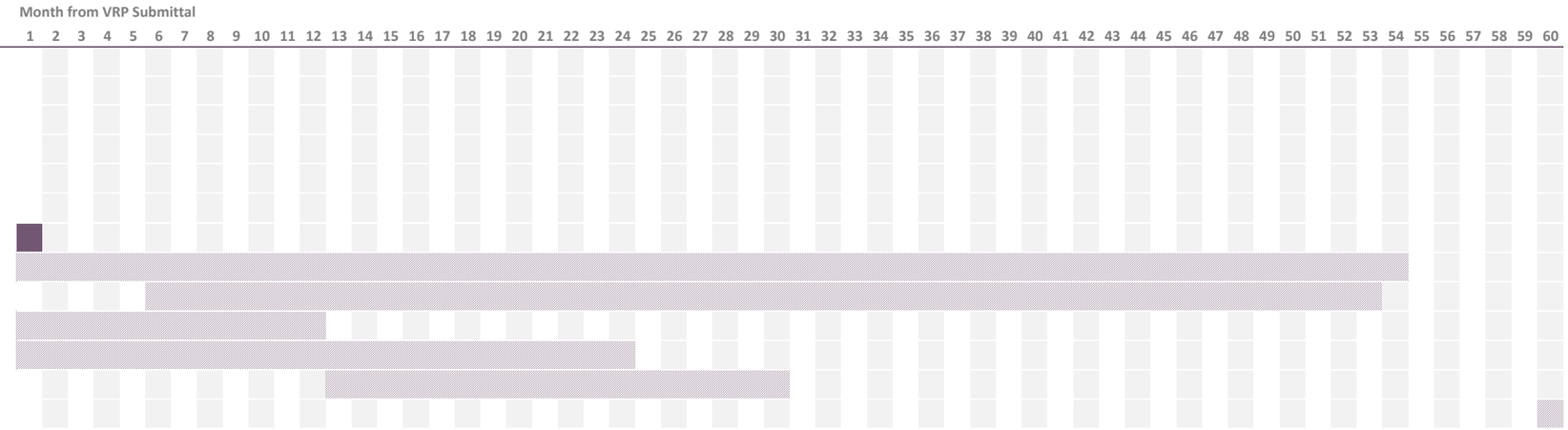
Bright Hour Trust Property
340 Armour Drive
HSI# 10894
SEA Job No. 152-079

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

Gantt Chart -March 2016

ACTIVITY	Date	PERCENT COMPLETE
Phase II Investigation	August, 2007	100%
Release Notification	February 27, 2008	100%
Listing on HSI	September 29, 2008	100%
CSR Call-in Letter	June 9, 2015	100%
Aditional Investigation by SEA	November, 2015 and January, 2016	100%
Impacted Soil Removal	June, 2015	100%
VRP Application and VIRP Plan	March 15, 2016	100%
Additional Remedial Measures	As Warranted	0%
VRP Semi-Annual Reports	October, 2016 to October, 2020	0%
On Site Horizontal Delineation	March 15, 2017	0%
Off-site Horizontal Delineation	March 15, 2018	0%
Vertical Delineation	September 15, 2018	0%
VRP Compliance Status Report	March, 2021	0%

Month from VRP Submittal



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

L O G O F B O R I N G

BORING NO. B-1

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/20/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil					
	Tan sand with a little silt (fill)	1				Drilling
		2				
		3				
		4	1	SS	21-15-7	
		5				
		6				
		7				
		8				
		9	2	SS	5-9-11-13	
		10				
		11				
		12				
	Black silty sand with a trace organics (alluvium)	13				
		14	3	SS	2-2-4-3	
		15				
		16				
		17				
		18				
	Black sand with a trace of silt (alluvium)	19	4	SS	3-4-4	
		20				
		21				
		22				
	Light brown to white sand with a trace of silt (saprolite)	23				
		24	5	SS	18-19-41-50/3"	
		25				
	Boring terminated at 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

BORING NO. B-2

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/23/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 12" concrete					
	White sand with a trace of silt (fill)	1, 2, 3				Drilling
	Red black sand with some gravel (fill)	4, 5	1	SS	0-0-3-2	
		6, 7, 8				
		9, 10	2	SS	7-5-2-2	Material appears to be slag, spoon stained a rust color
		11, 12, 13				
	Tan sand (fill)	14, 15	3	SS	7-5-6-7	
	Brown sand (alluvium)	16, 17, 18				
		19, 20	4	SS	3-2-4-3	
	Boring terminated at 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

BORING NO. B-3

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/20/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 12" concrete					
	Black sand with gravel (fill)	1				Drilling
		2				
		3				
		4	1	SS	3-2-3-3	
		5				
		6				
		7				
		8				
		9	2	SS	2-2-2-2	
		10				
		11				
		12				
		13				
		14	3	SS	4-5-4-3	No recovery, piece of slag in shoe. Water poured out of spoon upon retrieval
		15				
		16				
		17				
		18				
		19	4	SS	3-2-13-19	No recovery.
		20				
	Boring terminated at 20'	21				
		22				
		23				
		24				
		25				
		26				
		27				
		28				
		29				
		30				
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		36				
		37				
		38				
		39				
		40				

SEA

L O G O F B O R I N G

BORING NO. B-4

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/24/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 14"concrete					
	Red sand with a little rock, yellow silty sand intermixed. (fill)	1				Drilling medium
		2				
		3				
		4	1	SS	8-18-4-17	
		5				
		6				
	Grey sand with a little silt and a little rock (fill)	7				
		8				
		9	2	SS	2-50/2"	
	Auger refusal at 10'	10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
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SEA

L O G O F B O R I N G

BORING NO. B-5

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/24/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 14" concrete					
	Grey sand with a trace of silt (fill)	1				Drilling medium
	Tan sand (fill)	2				
		3				
		4	1	SS	4-4-5-6	
		5				
		6				
		7				
		8				
		9	2	SS	6-6-7-6	
	Mottled yellow red sand (alluvium)	10				
		11				
		12				
	Red brown sand with a trace of silt (alluvium)	13				
		14	3	SS	2-2-2-2	moist
		15				
		16				
	Grey silty sand with a little clay and a trace of organics (alluvium)	17				
		18				
		19	4	SS	0-1-2-12	Sample saturated
		20				
	Boring terminated at 20'	21				
		22				
		23				
		24				
		25				
		26				
		27				
		28				
		29				
		30				
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		38				
		39				
		40				

SEA

L O G O F B O R I N G

BORING NO. B-6

CONTRACTED WITH:

JOB NO. 152-079 DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Gray brown sand with gravel (fill)	1				Wet
	Red-orange sand with a trace of clay (fill)	2				
	Gray silty sand (fill)	3				
		4				
		5				
		6				
		7				
		8				
		9				Organics
	orange clayey sand (fill)	10				
		11				
		12				1" recovery
		13				
		14				
	Direct push terminated at 15'	15				
		16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
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SEA

L O G O F B O R I N G

BORING NO. B-7

CONTRACTED WITH:

		JOB NO.	DATE:
PROJECT NAME:	Bright Hour Trust Property	152-079	01/25/16

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Gravel and concrete residue					
	Gray sand, gravel and concrete	1				organics
	Black sand, gravel and charcoal (Fill)	2				
	Gray to white sand (Fill)	3				
	Orange sand with clay (Fill)	4				
		5				
		6				
		7				
		8				
		9				
		10				
	red-orange sand with some silt (Residual)	11				
	orange sand with some silt (Saprolite)	12				
		13				
		14				
		15				
	Direct push terminated at 15'	16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				
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SEA

L O G O F B O R I N G

BORING NO. B-8

CONTRACTED WITH:

JOB NO. 152-079

DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION Gravel, sand and concrete residue	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Gray sand and gravel (F)	1				
		2				
	Black sand and charcoal (F)	3				
	Brown sand with some silt (F)	4				
		5				
	Gray brown sand with some silt (F)	6				
		7				sulfur odor
		8				
		9				
		10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
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SEA

L O G O F B O R I N G

BORING NO. B-9

CONTRACTED WITH:

JOB NO. 152-079 | DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Concrete 1.1'					
	Gray black sand with organics (F)	1				
	Gray to white sand and gravel (F)	2				
	Red consolidated fine grained sand (F)	3				
		4				
		5				
	red orange sand (F)	6				
		7				
		8				
	Brown sand with a little silt (F)	9				organics 9.5-10'
	Direct push terminated at 10'	10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
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SEA

L O G O F B O R I N G

BORING NO. B-10

CONTRACTED WITH:

JOB NO. 152-079

DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	SAMPLES TYPE	SAMPLES BLOWS/6"	NOTES
	Concrete 1'					
	gray sand with gravel (F)	1				
	gray sand (F)	2				
		3				
	yellow white sand (F)	4				
		5				
		6				
	red brown sand with a trace of silt (F)	7				
	brown sand with a trace of clay (F)	8				
		9				
	black sand with a trace of clay	10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
		21				
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SEA

L O G O F B O R I N G

BORING NO. B-11

CONTRACTED WITH:

JOB NO. 152-079

DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	SAMPLES TYPE	SAMPLES BLOWS/6"	NOTES
	Concrete 11"					
	gray sand and gravel (F)	1				
	dark red and black sand with slag and charcoal (F)	2				
		3				
		4				
	white sand (F)	5				
		6				
		7				
		8				
		9				
		10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
		21				
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SEA

L O G O F B O R I N G

BORING NO. B-12

CONTRACTED WITH:

JOB NO. 152-079

DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	SAMPLES TYPE	SAMPLES BLOWS/6"	NOTES
	Concrete 1'					
	gray-brown to red sand with gravel and slag (F)	1				
		2				
		3				
		4				
	red consolidated fine-grained sand (F)	5				
		6				
	yellow white sand with chuncks of schist (F)	7				
		8				
		9				
		10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
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SEA

L O G O F B O R I N G

BORING NO. B-13

CONTRACTED WITH:

JOB NO. 152-079 | DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Concrete 6"					
	Reddish black sand with gravel, organics and slag (F)	1				
		2				
		3				Mothball odor
		4				
	Brown sand with a little silt (F)	5				
		6				
		7				
		8				
		9				
		10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
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SEA

L O G O F B O R I N G

BORING NO. B-14

CONTRACTED WITH:

JOB NO. 152-079 | DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Concrete 1.1'					
	gray sand with gravel	1				
	brown sand with a little silt	2				
		3				
		4				
	Black and red sand with slag and organics	5				
		6				very soft
		7				
		8				
		9				chunk of pine wood
	Direct push terminated at 10'	10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
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SEA

L O G O F B O R I N G

BORING NO. B-15

CONTRACTED WITH:

JOB NO. 152-079 | DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Gravel					
	gray sand and gravel (F)	1				Saturated
		2				
		3				
		4				
		5				Refusal- offset
	black and red sand and slag (F)	6				
		7				
		8				
		9				
		10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
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SEA

L O G O F B O R I N G

BORING NO. B-16

CONTRACTED WITH:

JOB NO. 152-079

DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	SAMPLES TYPE	SAMPLES BLOWS/6"	NOTES
	Gravel					
	gray sand and gravel (F)	1				
	red and black sand and slag (F)	2				
		3				
		4				
		5				
		6				
	tan sand with chunks of schist (F)	7				
		8				
		9				
		10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
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SEA

L O G O F B O R I N G

BORING NO. B-17

CONTRACTED WITH:

JOB NO. 152-079 | DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Concrete 1.1'					
	reddish brown sand with a little silt (F)	1				
		2				
	tan sand with chunks of schist (F)	3				
		4				
		5				
	reddish brown sand with silt (F)	6				
		7				
		8				
		9				
		10				
		11				
		12				
		13				6" rock and charcoal
		14				
		15				
	Direct push terminated at 15'	16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				
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SEA

L O G O F B O R I N G

BORING NO. B-18

CONTRACTED WITH:

PROJECT NAME:	Bright Hour Trust Property	JOB NO. 152-079	DATE: 01/25/16
LOCATION:	340 Armour Drive, Atlanta, GA		

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Sand and gravel					
	reddish brown sand (F)	1				
	gray sand with a trace of silt (S)	2				
		3				
		4				Rock
	Direct push refused at 5'	5				
		6				
		7				
		8				
		9				
		10				
		11				
		12				
		13				
		14				
		15				
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SEA

L O G O F B O R I N G

BORING NO. B-19

CONTRACTED WITH:

JOB NO. 152-079 | DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Concrete 7"					
	gray sand and gravel (F)	1				
		2				
	red brown sand with a little silt (F)	3				
		4				2" of charcoal
	red brown sandy clay (F)	5				
		6				
		7				
		8				organics
		9				
		10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
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SEA

L O G O F B O R I N G

BORING NO. B-20

CONTRACTED WITH:

JOB NO. 152-079 | DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Concrete 9"					
	black sand, slag and gravel (F)	1				
		2				
		3				
		4				
	red-orange sandy clay (F)	5				
		6				
		7				organics
		8				
	gray sandy clay	9				
	Direct push terminated at 10'	10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
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		30				
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		32				
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		38				
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SEA

L O G O F B O R I N G

BORING NO. B-21

CONTRACTED WITH:

JOB NO. 152-079 | DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	Gravel					
	gray sand and gravel (F)	1				
	gray to brown sand with gravel (F)	2				
		3				
		4				
	black slag (F)	5				
		6				
		7				
		8				
		9				
		10				
	Direct push terminated at 10'	11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
		20				
		21				
		22				
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		37				
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		39				
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SEA

L O G O F B O R I N G

BORING NO. MW-1

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/20/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

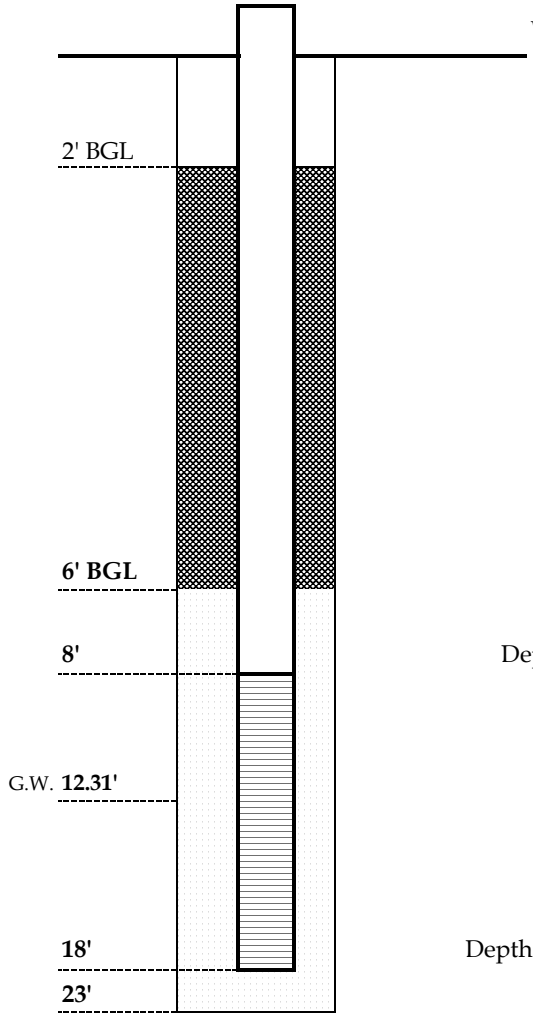
ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil					
	Tan silty sand (fill)	1				Drilling medium
		2				
		3				
		4	1	SS	7-10-9-9	
		5				
		6				
	Red brown silty sand (fill)	7				
		8				
		9	2	SS	2-2-2-3	
		10				
		11				
		12				
	Brown silty sand (fill)	13				
		14	3	SS	1-1-1-2	
		15				
		16				
		17				
		18				
	Dark brown black clayey silt	19	4	SS	2-1-2-4	
		20				
		21				
		22				
		23				
	Auger refusal 23'	24				
		25				
		26				
		27				
		28				
		29				
		30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

Sailors Engineering Associates, Inc. (SEA)

Well Construction Diagram

Client:	**Key Investments, Inc.**	Well #:	**MW-1**
Project:	**Bright Hour Trust Property**	Date Installed:	**11/20/2015**
Street:	**340 Armour Drive**	Project #:	**152-079**
City/Co./State:	**Atlanta/ Fulton/ Georgia**		



Well Head Protection: 4"x4" steel standup cover with 2'x2' concrete pad

Well Material : **PVC**

Well Diameter : **2"**

Riser Length : **10 ft**

Seal Type : **3/8"sodium bentonite chip**

Seal Length : **8 ft**

Depth to Top of Screen : **8 ft**

Screen Length : **10 ft**

Slot Size : **0.010 inches**

Filter Pack Material : **DSI Filter Sand #2**

Filter Pack Length : **12 ft**

Depth to Bottom of Screen : **18 ft**

Total Depth : **23 ft**

Well Development :	**Hurricane Submersible pump**	Date :	**11/30/2015**
Groundwater Level :	**12.31'**	Date :	**11/20/2015**
Groundwater Sampling :	**Peristaltic pump**	Date :	**12/2/2015**
Remarks :			

L O G O F B O R I N G

BORING NO. MW-2

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/20/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

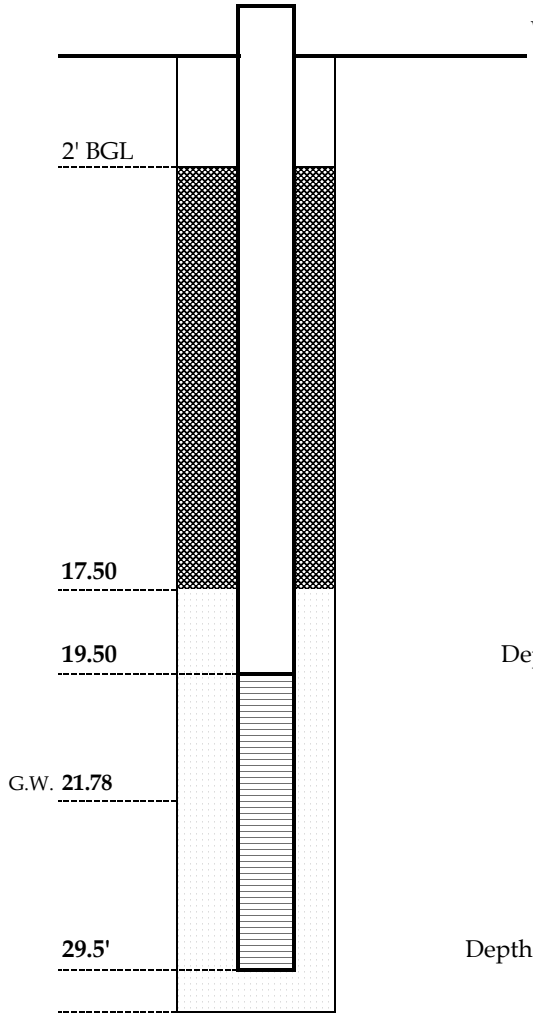
ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	3" top soil dark brn sand with a little silt and a little roci					
	Red brown sand with a trace of silt (saprolite)	1				Drilling medium
		2				
		3				
		4	1	SS	5-5-7-9	
		5				
		6				
	Brown sand with a trace of silt (saprolite)	7				
		8				
		9	2	SS	7-9-12-15	
		10				
		11				
		12				
		13				
		14	3	SS	11-16-12-11	Drilling hard
		15				
		16				
		17				
		18				
		19	4	SS	35-50/3"	
		20				
		21				
		22				
		23				
		24	5	SS	50/6"	
		25				
		26				
		27				
		28				
		29				
	Boring terminated at 29.5'	30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

Sailors Engineering Associates, Inc. (SEA)

Well Construction Diagram

Client:	**Key Investments, Inc.**	Well #:	**MW-2**
Project:	**Bright Hour Trust Property**	Date Installed:	**11/20/2015**
Street:	**340 Armour Drive**	Project #:	**152-079**
City/Co./State:	**Atlanta/ Fulton/ Georgia**		



Well Head Protection: 4"x4" steel standup cover with 2'x2' concrete pad

Well Material : **PVC**

Well Diameter : **2"**

Riser Length : **10 ft**

Seal Type : **3/8"sodium bentonite chip**

Seal Length : **15.5 ft**

Depth to Top of Screen : **19.5 ft**

Screen Length : **10 ft**

Slot Size : **0.010 inches**

Filter Pack Material : **DSI Filter Sand #2**

Filter Pack Length : **12 ft**

Depth to Bottom of Screen : **29.5 ft**

Total Depth : **29.5 ft**

Well Development :	**Hurricane Submersible pump**	Date :	**11/30/2015**
Groundwater Level :	**18.58**	Date :	**12/2/2015**
Groundwater Sampling :	**Peristaltic pump**	Date :	**12/2/2015**
Remarks :			

L O G O F B O R I N G

BORING NO. MW-3

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/21/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 8" concrete					
	Black brown sand with a little silt (fill)	1				Drilling soft
		2				
		3				
		4	1	SS	3-3-3	Wet
		5				
		6				
		7				Drilling hard
	Auger refusal at 7'	8				
		9				
		10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
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		35				
		36				
		37				
		38				
		39				
		40				

SEA

L O G O F B O R I N G

BORING NO. MW-3A

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/25/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

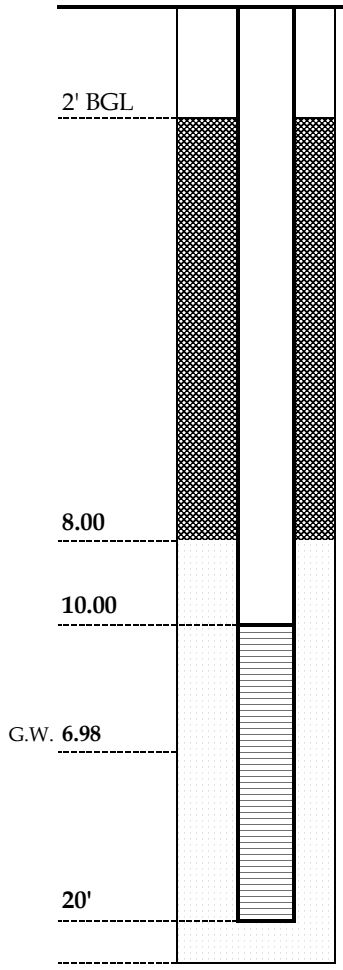
ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 9" concrete					
	Gravel (fill)	1				Drilling soft
	Black sand (fill)	2				
		3				
		4	1	SS	2-1-2-2	
	Red brown silty sand (fill)	5				
		6				
		7				
	Gray brown silt with a little sand with a trace of organics (fill)	8				
		9	2	SS	2-1-1-3	
		10				
		11				
		12				
		13				
		14	3	SS	3-3-5-6	
	Gray clay with a trace of sand	15				
		16				
		17				
		18				
		19				
		20				
	Boring terminated at 20'	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. (SEA)

Well Construction Diagram

Client:	**Key Investments, Inc.**	Well #:	**MW-3A**
Project:	**Bright Hour Trust Property**	Date Installed:	**11/25/2015**
Street:	**340 Armour Drive**	Project #:	**152-079**
City/Co./State:	**Atlanta/ Fulton/ Georgia**		



Well Head Protection: 14" flush mounted cover

Well Material : **PVC**

Well Diameter : **2"**

Riser Length : **10 ft**

Seal Type : **3/8"sodium bentonite chip**

Seal Length : **8 ft**

Depth to Top of Screen : **10 ft**

Screen Length : **10 ft**

Slot Size : **0.010 inches**

Filter Pack Material : **DSI Filter Sand #2**

Filter Pack Length : **12 ft**

Depth to Bottom of Screen : **20 ft**

Total Depth : **20 ft**

Well Development :	**Hurricane Submersible pump**	Date :	**11/30/2015**
Groundwater Level :	**6.98**	Date :	**12/1/2015**
Groundwater Sampling :	**Peristaltic pump**	Date :	**12/1/2015**
Remarks :			

L O G O F B O R I N G

BORING NO. MW-4

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/21/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

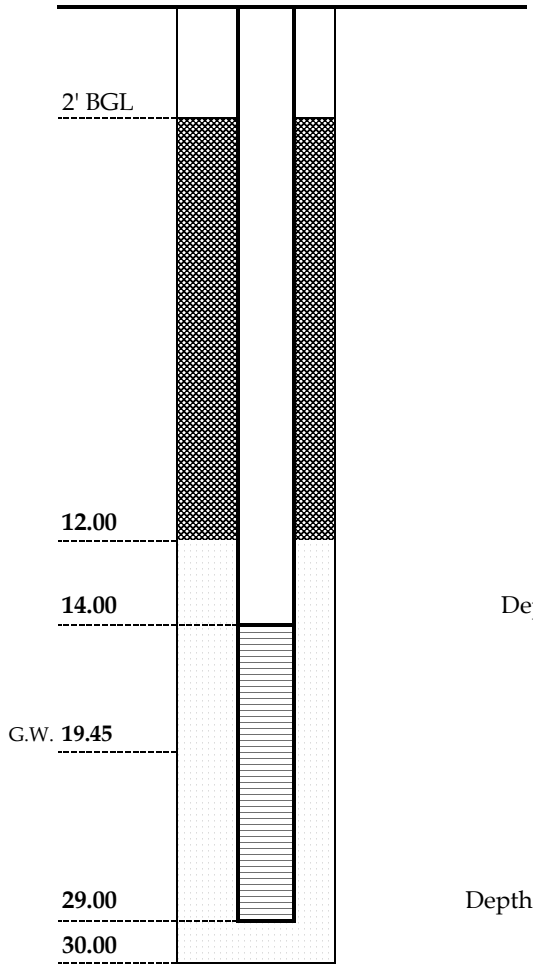
ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 8" concrete					
	Loose dump concrete	1				Drilling medium
	Brown silty sand (fill)	2				
		3				
		4	1	SS	7-3-4-5	
	Rock or concrete (fill)	5				
	Brown silty sand (fill)	6				
		7				
		8				
		9	2	SS	2-2-2-2	
		10				
		11				
		12				
		13				
		14	3	SS	3-4-5-5	
	Brown sand (alluvium)	15				root hairs sample moist
		16				
		17				
	Gray clayey silt with a trace of organics (alluvium)	18				
		19	4	SS	2-3-3-6	
	Gray sand (alluvium)	20				
		21				
	Mottled gray brown silty sand (alluvium)	22				
		23				
		24	5	SS	1-2-2-5	
	Gray sand with a trace of silt (alluvium)	25				
		26				
		27				
	Gray white sand (saprolite)	28				
		29	6	SS	28-40-50/4"	
	Boring terminated at 30'	30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

Sailors Engineering Associates, Inc. (SEA)

Well Construction Diagram

Client:	**Key Investments, Inc.**	Well #:	**MW-4**
Project:	**Bright Hour Trust Property**	Date Installed:	**11/21/2015**
Street:	**340 Armour Drive**	Project #:	**152-079**
City/Co./State:	**Atlanta/ Fulton/ Georgia**		



Well Head Protection: 14" flush mounted cover

Well Material : **PVC**

Well Diameter : **2"**

Riser Length : **14 ft**

Seal Type : **3/8"sodium bentonite chip**

Seal Length : **12 ft**

Depth to Top of Screen : **14 ft**

Screen Length : **15 ft**

Slot Size : **0.010 inches**

Filter Pack Material : **DSI Filter Sand #2**

Filter Pack Length : **12 ft**

Depth to Bottom of Screen : **29 ft**

Total Depth : **30 ft**

Well Development :	**Hurricane Submersible pump**	Date :	**11/30/2015**
Groundwater Level :	**19.45**	Date :	**12/1/2015**
Groundwater Sampling :	**Peristaltic pump**	Date :	**12/1/2015**
Remarks :			

L O G O F B O R I N G

BORING NO. MW-5

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/23/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

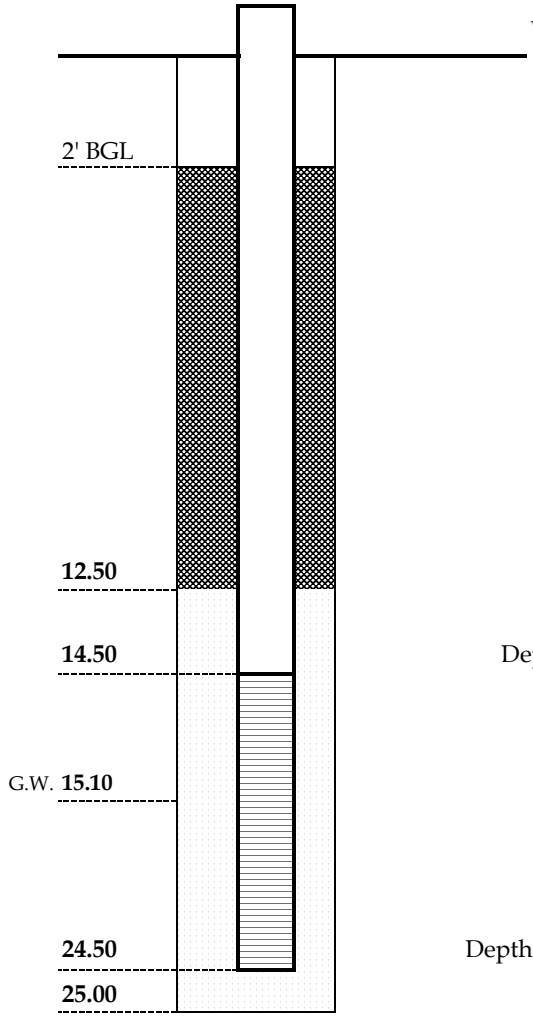
ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 18" gravel					
	Light brown sand with a trace of silt (saprolite)	1, 2, 3, 4, 5	1	SS	5-12-6-6	Drilling
	Brown sand with a trace of silt (saprolite)	6, 7, 8, 9, 10, 11, 12, 13, 14	2	SS	8-8-16-14	
			3	SS	18-29-50/4.5"	
	Light brown sand with a trace of silt partially weathered rock (saprolite)	15, 16, 17, 18, 19, 20, 21, 22, 23, 24	4	SS	43-50/3"	Soils moist spoon dripping on outside
	Boring Terminated at 25'	25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40				

SEA

Sailors Engineering Associates, Inc. (SEA)

Well Construction Diagram

Client:	**Key Investments, Inc.**	Well #:	**MW-5**
Project:	**Bright Hour Trust Property**	Date Installed:	**11/23/2015**
Street:	**340 Armour Drive**	Project #:	**152-079**
City/Co./State:	**Atlanta/ Fulton/ Georgia**		



Well Head Protection: 4"x4" steel standup cover with 2'x2' concrete pad

Well Material : **PVC**

Well Diameter : **2"**

Riser Length : **15 ft**

Seal Type : **3/8"sodium bentonite chip**

Seal Length : **10.5 ft**

Depth to Top of Screen : **14.5 ft**

Screen Length : **10 ft**

Slot Size : **0.010 inches**

Filter Pack Material : **DSI Filter Sand #2**

Filter Pack Length : **12 ft**

Depth to Bottom of Screen : **24.5 ft**

Total Depth : **25 ft**

Well Development :	**Hurricane Submersible pump**	Date :	**11/30/2015**
Groundwater Level :	**12.15**	Date :	**12/1/2015**
Groundwater Sampling :	**Peristaltic pump**	Date :	**12/1/2015**
Remarks :			

L O G O F B O R I N G

BORING NO. MW-6

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/24/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

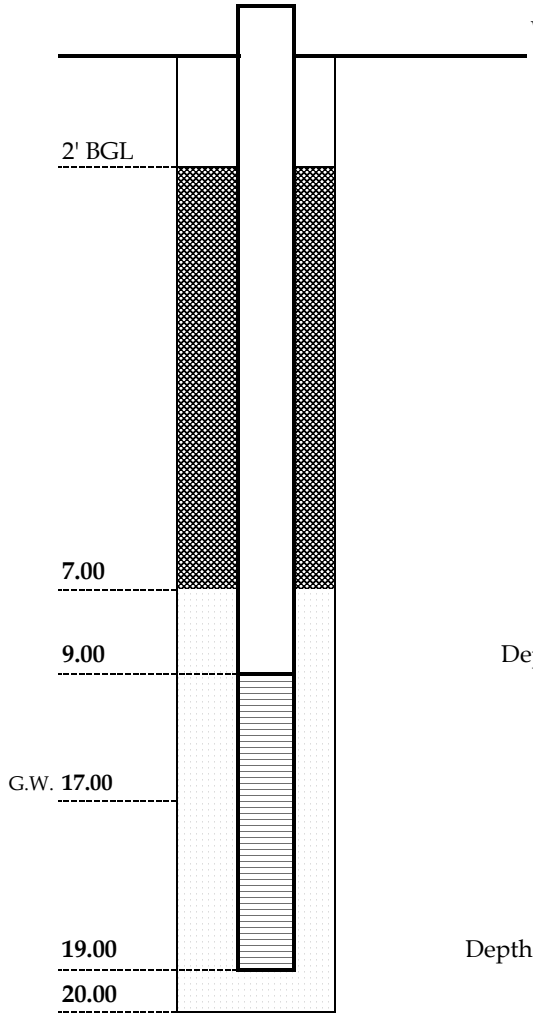
ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil 6" gravel					
	Brown sand with a trace of silt (saprolite)	1				Drilling
		2				
		3				
		4	1	SS	14-22-21-20	
		5				
		6				
		7				
		8				
		9	2	SS	29-50/5"	
		10				
		11				
		12				
	Grey sand partially weathered rock (saprolite)	13				
		14	3	SS	26-50/4.5"	
		15				
		16				
		17				
		18				
		19	4	SS	50-4"	
		20				
	Boring terminated 20'	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. (SEA)

Well Construction Diagram

Client:	**Key Investments, Inc.**	Well #:	**MW-6**
Project:	**Bright Hour Trust Property**	Date Installed:	**11/24/2015**
Street:	**340 Armour Drive**	Project #:	**152-079**
City/Co./State:	**Atlanta/ Fulton/ Georgia**		



Well Head Protection: 4"x4" steel standup cover with 2'x2' concrete pad

Well Material : **PVC**

Well Diameter : **2"**

Riser Length : **10 ft**

Seal Type : **3/8"sodium bentonite chip**

Seal Length : **5 ft**

Depth to Top of Screen : **9 ft**

Screen Length : **10 ft**

Slot Size : **0.010 inches**

Filter Pack Material : **DSI Filter Sand #2**

Filter Pack Length : **12 ft**

Depth to Bottom of Screen : **19 ft**

Total Depth : **20 ft**

Well Development :	**Hurricane Submersible pump**	Date :	**11/30/2015**
Groundwater Level :	**13.82**	Date :	**12/2/2015**
Groundwater Sampling :	**Peristaltic pump**	Date :	**12/2/2015**
Remarks :			

L O G O F B O R I N G

BORING NO. MW-7

CONTRACTED WITH: Key Investments, Inc.

JOB NO. 152-079 | DATE: 11/25/15

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Dr Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	TYPE	BLOWS/6"	NOTES
	No top soil gravel					
	Brown sand with a trace of silt (fill)	1				Drilling medium
		2				
		3				
		4	1	SS	4-3-3-7	No recovery
		5				
		6	2	SS	5-4-3-3	
	Red sand with a trace of silt and some gravel (fill)	7				
		8				
		9	3	SS	2-2-1-2	
		10				
		11				
		12				
		13				
		14	4	SS	2-3-3-50/3"	
		15				Drilling hard
	Auger refusal at 15.5'	16				
		17				
		18				
		19				
		20				
		21				
		22				
		23				
		24				
		25				
		26				
		27				
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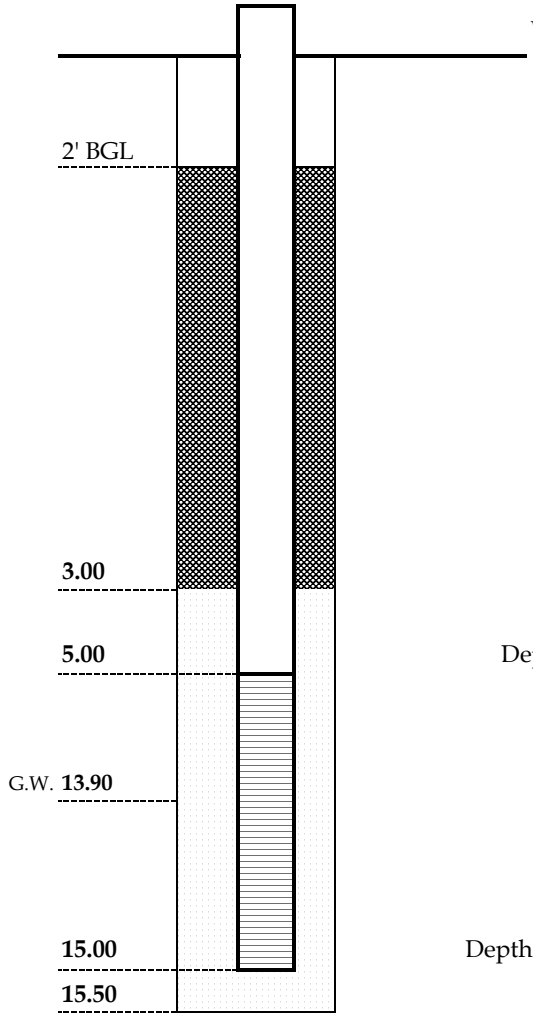
		29				
		30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				
		38				
		39				
		40				

SEA

Sailors Engineering Associates, Inc. (SEA)

Well Construction Diagram

Client:	**Key Investments, Inc.**	Well #:	**MW-7**
Project:	**Bright Hour Trust Property**	Date Installed:	**11/25/2015**
Street:	**340 Armour Drive**	Project #:	**152-079**
City/Co./State:	**Atlanta/ Fulton/ Georgia**		



Well Head Protection: 4"x4" steel standup cover with 2'x2' concrete pad

Well Material : **PVC**

Well Diameter : **2"**

Riser Length : **5 ft**

Seal Type : **3/8"sodium bentonite chip**

Seal Length : **3 ft**

Depth to Top of Screen : **5 ft**

Screen Length : **10 ft**

Slot Size : **0.010 inches**

Filter Pack Material : **DSI Filter Sand #2**

Filter Pack Length : **12 ft**

Depth to Bottom of Screen : **15 ft**

Total Depth : **15.5 ft**

Well Development :	**Hurricane Submersible pump**	Date :	**11/30/2015**
Groundwater Level :	**13.90**	Date :	**12/1/2015**
Groundwater Sampling :	**Peristaltic pump**	Date :	**12/1/2015**
Remarks :			

L O G O F B O R I N G

BORING NO. MW-8

CONTRACTED WITH:

JOB NO. 152-079

DATE: 01/25/16

PROJECT NAME: Bright Hour Trust Property

LOCATION: 340 Armour Drive, Atlanta, GA

ELEV. (ft)	DESCRIPTION	DEPTH IN FEET	SAMPLES No.	SAMPLES TYPE	SAMPLES BLOWS/6"	NOTES
	Concrete 1.1'					
	gray brown sand with gravel (F)	1				
	white to tan sand (F)	2				
		3				
		4				
	black and red sand and slag	5				
		6				4" recovery - offset full recovery
		7				
		8				
		9				
	Direct push terminated at 10'	10				
		11				
		12				
		13				
		14				
		15				
		16				
		17				
		18				
		19				
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SEA

Appendix 6: Laboratory Data Reports

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 03, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

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

RE: Allied Midtown

Dear Michael Haller: Order No: 1511M21

Analytical Environmental Services, Inc. received 13 samples on 11/23/2015 1:03:00 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 09/01/17.

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

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

Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1511M21

Date: 11/23 Page 1 of 1

COMPANY: SEA
ADDRESS: Lawrenceville GA
PHONE: 7/962-5922
FAX:
SAMPLED BY: M. Short
SIGNATURE:

ANALYSIS REQUESTED: VOC, SVOC, RCRA Metals, PH

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC	SVOC	RCRA Metals	PH	REMARKS	No # of Containers
1	B-1 3-5	11/20	1028				✓	✓	✓	✓		5
2	B-1 13-15	11/20	1046				✓	✓	✓	✓		5
3	B-1 23-25	11/20	1156				✓	✓	✓	✓		5
4	MW-1 3-5	11/20	1138				✓	✓	✓	✓		5
5	MW-1 13-15	11/20	1159				✓	✓	✓	✓		5
6	MW-1 18-20	11/20	1210				✓	✓	✓	✓		5
7	MW-2 3-5	11/20	124				✓	✓	✓	✓		5
8	MW-2 18-20	11/20	154				✓	✓	✓	✓		5
9	MW-3 3-5	11/21	1113				✓	✓	✓	✓		5
10	MW-4 3-5	11/21	11:59				✓	✓	✓	✓		5
11	MW-4 8-10	11/21	12:13				✓	✓	✓	✓		5
12	MW-4 13-15	11/21	12:25				✓	✓	✓	✓		5
13	Trip Blank	—	—				✓					2
14												

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	11/23/15 1236	1:	11/23/15 1236
2:	11/23/15 102	2:	11/23/15 1303
3:		3:	

PROJECT INFORMATION
PROJECT NAME: Allied Midtown
PROJECT #: 152-079
SITE ADDRESS: 340 Armor Dr.
SEND REPORT TO: Hallie
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
- ✓ Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush (auth req.)
- Other

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

SPECIAL INSTRUCTIONS/COMMENTS:

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

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: Allied Midtown
Lab ID: 1511M21

Case Narrative

Sample Receiving Nonconformance:

Sample(s) for pH analysis by Method SW9045D were received and analyzed outside Method specified holding time of "immediate or 15 minutes".

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 10:28:00 AM
Lab ID:	1511M21-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.119		mg/Kg-dry	216343	1	11/24/2015 13:15	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2,4,6-Trichlorophenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2,4-Dichlorophenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2,4-Dimethylphenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2,4-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2,6-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2-Chloronaphthalene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2-Chlorophenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2-Methylnaphthalene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2-Methylphenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
2-Nitrophenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
3,3´-Dichlorobenzidine	BRL	0.80		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
4-Bromophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
4-Chloro-3-methylphenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
4-Chloroaniline	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
4-Chlorophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
4-Methylphenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Acenaphthene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Acenaphthylene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Acetophenone	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Anthracene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Atrazine	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Benz(a)anthracene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Benzaldehyde	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Benzo(a)pyrene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Benzo(b)fluoranthene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Benzo(g,h,i)perylene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Benzo(k)fluoranthene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Bis(2-chloroethoxy)methane	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Bis(2-chloroethyl)ether	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Bis(2-chloroisopropyl)ether	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 10:28:00 AM
Lab ID:	1511M21-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Butyl benzyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Caprolactam	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Carbazole	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Chrysene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Di-n-butyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Di-n-octyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Dibenz(a,h)anthracene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Dibenzofuran	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Diethyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Dimethyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Fluoranthene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Fluorene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Hexachlorobenzene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Hexachlorobutadiene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Hexachlorocyclopentadiene	BRL	0.79		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Hexachloroethane	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Indeno(1,2,3-cd)pyrene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Isophorone	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
N-Nitrosodi-n-propylamine	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
N-Nitrosodiphenylamine	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Naphthalene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Nitrobenzene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Phenanthrene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Phenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Pyrene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 19:48	EI
Surr: 2,4,6-Tribromophenol	84.6	41-128		%REC	216377	1	11/25/2015 19:48	EI
Surr: 2-Fluorobiphenyl	86.8	47-120		%REC	216377	1	11/25/2015 19:48	EI
Surr: 2-Fluorophenol	86.8	38.3-120		%REC	216377	1	11/25/2015 19:48	EI
Surr: 4-Terphenyl-d14	99.5	51.4-125		%REC	216377	1	11/25/2015 19:48	EI
Surr: Nitrobenzene-d5	96.3	40.1-120		%REC	216377	1	11/25/2015 19:48	EI
Surr: Phenol-d5	94.2	40.3-120		%REC	216377	1	11/25/2015 19:48	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,1,2,2-Tetrachloroethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,1,2-Trichloroethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,1-Dichloroethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,1-Dichloroethene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,2,4-Trichlorobenzene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 10:28:00 AM
Lab ID:	1511M21-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,2-Dibromoethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,2-Dichlorobenzene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,2-Dichloroethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,2-Dichloropropane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,3-Dichlorobenzene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
1,4-Dichlorobenzene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
2-Butanone	BRL	0.049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
2-Hexanone	BRL	0.0097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
4-Methyl-2-pentanone	BRL	0.0097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Acetone	BRL	0.097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Benzene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Bromodichloromethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Bromoform	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Bromomethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Carbon disulfide	BRL	0.0097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Carbon tetrachloride	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Chlorobenzene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Chloroethane	BRL	0.0097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Chloroform	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Chloromethane	BRL	0.0097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
cis-1,2-Dichloroethene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
cis-1,3-Dichloropropene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Cyclohexane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Dibromochloromethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Dichlorodifluoromethane	BRL	0.0097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Ethylbenzene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Freon-113	BRL	0.0097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Isopropylbenzene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
m,p-Xylene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Methyl acetate	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Methyl tert-butyl ether	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Methylcyclohexane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Methylene chloride	BRL	0.019		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
o-Xylene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Styrene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Tetrachloroethene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Toluene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
trans-1,2-Dichloroethene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
trans-1,3-Dichloropropene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Trichloroethene	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 10:28:00 AM
Lab ID:	1511M21-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0049		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Vinyl chloride	BRL	0.0097		mg/Kg-dry	216441	1	11/25/2015 17:51	MD
Surr: 4-Bromofluorobenzene	87.6	70-128		%REC	216441	1	11/25/2015 17:51	MD
Surr: Dibromofluoromethane	101	78.2-128		%REC	216441	1	11/25/2015 17:51	MD
Surr: Toluene-d8	90.1	76.5-116		%REC	216441	1	11/25/2015 17:51	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	2.16	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	519	5.52		mg/Kg-dry	216411	1	11/25/2015 20:18	IO
Barium	274	5.52		mg/Kg-dry	216411	1	11/25/2015 20:18	IO
Cadmium	4.91	2.76		mg/Kg-dry	216411	1	11/25/2015 20:18	IO
Chromium	BRL	2.76		mg/Kg-dry	216411	1	11/25/2015 20:18	IO
Lead	22.2	5.52		mg/Kg-dry	216411	1	11/25/2015 20:18	IO
Selenium	BRL	5.52		mg/Kg-dry	216411	1	11/25/2015 20:18	IO
Silver	2.86	2.76		mg/Kg-dry	216411	1	11/25/2015 20:18	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.7	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 10:46:00 AM
Lab ID:	1511M21-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.115		mg/Kg-dry	216343	1	11/24/2015 13:28	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2,4,5-Trichlorophenol	BRL	2.2		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2,4,6-Trichlorophenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2,4-Dichlorophenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2,4-Dimethylphenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2,4-Dinitrophenol	BRL	2.2		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2,4-Dinitrotoluene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2,6-Dinitrotoluene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2-Chloronaphthalene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2-Chlorophenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2-Methylnaphthalene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2-Methylphenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2-Nitroaniline	BRL	2.2		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
2-Nitrophenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
3,3´-Dichlorobenzidine	BRL	0.85		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
3-Nitroaniline	BRL	2.2		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
4,6-Dinitro-2-methylphenol	BRL	2.2		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
4-Bromophenyl phenyl ether	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
4-Chloro-3-methylphenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
4-Chloroaniline	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
4-Chlorophenyl phenyl ether	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
4-Methylphenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
4-Nitroaniline	BRL	2.2		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
4-Nitrophenol	BRL	2.2		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Acenaphthene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Acenaphthylene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Acetophenone	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Anthracene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Atrazine	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Benz(a)anthracene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Benzaldehyde	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Benzo(a)pyrene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Benzo(b)fluoranthene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Benzo(g,h,i)perylene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Benzo(k)fluoranthene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Bis(2-chloroethoxy)methane	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Bis(2-chloroethyl)ether	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Bis(2-chloroisopropyl)ether	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 10:46:00 AM
Lab ID:	1511M21-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Butyl benzyl phthalate	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Caprolactam	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Carbazole	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Chrysene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Di-n-butyl phthalate	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Di-n-octyl phthalate	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Dibenz(a,h)anthracene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Dibenzofuran	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Diethyl phthalate	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Dimethyl phthalate	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Fluoranthene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Fluorene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Hexachlorobenzene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Hexachlorobutadiene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Hexachlorocyclopentadiene	BRL	0.84		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Hexachloroethane	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Indeno(1,2,3-cd)pyrene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Isophorone	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
N-Nitrosodi-n-propylamine	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
N-Nitrosodiphenylamine	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Naphthalene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Nitrobenzene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Pentachlorophenol	BRL	2.2		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Phenanthrene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Phenol	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Pyrene	BRL	0.42		mg/Kg-dry	216377	1	11/25/2015 20:15	EI
Surr: 2,4,6-Tribromophenol	84.7	41-128		%REC	216377	1	11/25/2015 20:15	EI
Surr: 2-Fluorobiphenyl	99.6	47-120		%REC	216377	1	11/25/2015 20:15	EI
Surr: 2-Fluorophenol	81.7	38.3-120		%REC	216377	1	11/25/2015 20:15	EI
Surr: 4-Terphenyl-d14	99.6	51.4-125		%REC	216377	1	11/25/2015 20:15	EI
Surr: Nitrobenzene-d5	97.3	40.1-120		%REC	216377	1	11/25/2015 20:15	EI
Surr: Phenol-d5	99.1	40.3-120		%REC	216377	1	11/25/2015 20:15	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,1,2,2-Tetrachloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,1,2-Trichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,1-Dichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,1-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,2,4-Trichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 10:46:00 AM
Lab ID:	1511M21-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,2-Dibromoethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,2-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,2-Dichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,2-Dichloropropane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,3-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
1,4-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
2-Butanone	BRL	0.042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
2-Hexanone	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
4-Methyl-2-pentanone	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Acetone	BRL	0.084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Benzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Bromodichloromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Bromoform	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Bromomethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Carbon disulfide	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Carbon tetrachloride	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Chlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Chloroethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Chloroform	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Chloromethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
cis-1,2-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
cis-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Cyclohexane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Dibromochloromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Dichlorodifluoromethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Ethylbenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Freon-113	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Isopropylbenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
m,p-Xylene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Methyl acetate	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Methyl tert-butyl ether	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Methylcyclohexane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Methylene chloride	BRL	0.017		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
o-Xylene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Styrene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Tetrachloroethene	0.0056	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Toluene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
trans-1,2-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
trans-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Trichloroethene	0.0073	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 10:46:00 AM
Lab ID:	1511M21-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Vinyl chloride	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:15	MD
Surr: 4-Bromofluorobenzene	86	70-128		%REC	216441	1	11/25/2015 18:15	MD
Surr: Dibromofluoromethane	98.6	78.2-128		%REC	216441	1	11/25/2015 18:15	MD
Surr: Toluene-d8	91.3	76.5-116		%REC	216441	1	11/25/2015 18:15	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	3.96	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	6.21		mg/Kg-dry	216411	1	11/25/2015 20:25	IO
Barium	135	6.21		mg/Kg-dry	216411	1	11/25/2015 20:25	IO
Cadmium	BRL	3.10		mg/Kg-dry	216411	1	11/25/2015 20:25	IO
Chromium	53.0	3.10		mg/Kg-dry	216411	1	11/25/2015 20:25	IO
Lead	12.4	6.21		mg/Kg-dry	216411	1	11/25/2015 20:25	IO
Selenium	BRL	6.21		mg/Kg-dry	216411	1	11/25/2015 20:25	IO
Silver	BRL	3.10		mg/Kg-dry	216411	1	11/25/2015 20:25	IO
PERCENT MOISTURE D2216								
Percent Moisture	21.0	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 23-25
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:56:00 AM
Lab ID:	1511M21-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.104		mg/Kg-dry	216343	1	11/24/2015 13:32	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2,4,5-Trichlorophenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2,4,6-Trichlorophenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2,4-Dichlorophenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2,4-Dimethylphenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2,4-Dinitrophenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2,4-Dinitrotoluene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2,6-Dinitrotoluene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2-Chloronaphthalene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2-Chlorophenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2-Methylnaphthalene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2-Methylphenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2-Nitroaniline	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
2-Nitrophenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
3,3´-Dichlorobenzidine	BRL	0.72		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
3-Nitroaniline	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
4,6-Dinitro-2-methylphenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
4-Bromophenyl phenyl ether	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
4-Chloro-3-methylphenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
4-Chloroaniline	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
4-Chlorophenyl phenyl ether	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
4-Methylphenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
4-Nitroaniline	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
4-Nitrophenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Acenaphthene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Acenaphthylene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Acetophenone	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Anthracene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Atrazine	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Benz(a)anthracene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Benzaldehyde	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Benzo(a)pyrene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Benzo(b)fluoranthene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Benzo(g,h,i)perylene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Benzo(k)fluoranthene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Bis(2-chloroethoxy)methane	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Bis(2-chloroethyl)ether	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Bis(2-chloroisopropyl)ether	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 23-25
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:56:00 AM
Lab ID:	1511M21-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Butyl benzyl phthalate	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Caprolactam	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Carbazole	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Chrysene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Di-n-butyl phthalate	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Di-n-octyl phthalate	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Dibenz(a,h)anthracene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Dibenzofuran	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Diethyl phthalate	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Dimethyl phthalate	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Fluoranthene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Fluorene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Hexachlorobenzene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Hexachlorobutadiene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Hexachlorocyclopentadiene	BRL	0.71		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Hexachloroethane	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Indeno(1,2,3-cd)pyrene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Isophorone	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
N-Nitrosodi-n-propylamine	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
N-Nitrosodiphenylamine	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Naphthalene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Nitrobenzene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Pentachlorophenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Phenanthrene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Phenol	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Pyrene	BRL	0.35		mg/Kg-dry	216377	1	11/25/2015 20:42	EI
Surr: 2,4,6-Tribromophenol	66.8	41-128		%REC	216377	1	11/25/2015 20:42	EI
Surr: 2-Fluorobiphenyl	76	47-120		%REC	216377	1	11/25/2015 20:42	EI
Surr: 2-Fluorophenol	73.6	38.3-120		%REC	216377	1	11/25/2015 20:42	EI
Surr: 4-Terphenyl-d14	82.6	51.4-125		%REC	216377	1	11/25/2015 20:42	EI
Surr: Nitrobenzene-d5	76.5	40.1-120		%REC	216377	1	11/25/2015 20:42	EI
Surr: Phenol-d5	80.6	40.3-120		%REC	216377	1	11/25/2015 20:42	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,1,2,2-Tetrachloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,1,2-Trichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,1-Dichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,1-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,2,4-Trichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 23-25
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:56:00 AM
Lab ID:	1511M21-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,2-Dibromoethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,2-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,2-Dichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,2-Dichloropropane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,3-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
1,4-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
2-Butanone	BRL	0.042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
2-Hexanone	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
4-Methyl-2-pentanone	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Acetone	BRL	0.084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Benzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Bromodichloromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Bromoform	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Bromomethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Carbon disulfide	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Carbon tetrachloride	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Chlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Chloroethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Chloroform	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Chloromethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
cis-1,2-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
cis-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Cyclohexane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Dibromochloromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Dichlorodifluoromethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Ethylbenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Freon-113	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Isopropylbenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
m,p-Xylene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Methyl acetate	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Methyl tert-butyl ether	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Methylcyclohexane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Methylene chloride	BRL	0.017		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
o-Xylene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Styrene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Tetrachloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Toluene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
trans-1,2-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
trans-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Trichloroethene	0.0063	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-1 23-25
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:56:00 AM
Lab ID:	1511M21-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Vinyl chloride	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 18:38	MD
Surr: 4-Bromofluorobenzene	88.6	70-128		%REC	216441	1	11/25/2015 18:38	MD
Surr: Dibromofluoromethane	98.8	78.2-128		%REC	216441	1	11/25/2015 18:38	MD
Surr: Toluene-d8	88.7	76.5-116		%REC	216441	1	11/25/2015 18:38	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.06	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.88		mg/Kg-dry	216411	1	11/25/2015 20:37	IO
Barium	41.0	4.88		mg/Kg-dry	216411	1	11/25/2015 20:37	IO
Cadmium	BRL	2.44		mg/Kg-dry	216411	1	11/25/2015 20:37	IO
Chromium	4.58	2.44		mg/Kg-dry	216411	1	11/25/2015 20:37	IO
Lead	BRL	4.88		mg/Kg-dry	216411	1	11/25/2015 20:37	IO
Selenium	BRL	4.88		mg/Kg-dry	216411	1	11/25/2015 20:37	IO
Silver	BRL	2.44		mg/Kg-dry	216411	1	11/25/2015 20:37	IO
PERCENT MOISTURE D2216								
Percent Moisture	6.39	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:38:00 AM
Lab ID:	1511M21-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.114		mg/Kg-dry	216343	1	11/24/2015 13:35	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2,4,6-Trichlorophenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2,4-Dichlorophenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2,4-Dimethylphenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2,4-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2,6-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2-Chloronaphthalene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2-Chlorophenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2-Methylnaphthalene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2-Methylphenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
2-Nitrophenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
3,3´-Dichlorobenzidine	BRL	0.80		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
4-Bromophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
4-Chloro-3-methylphenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
4-Chloroaniline	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
4-Chlorophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
4-Methylphenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Acenaphthene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Acenaphthylene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Acetophenone	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Anthracene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Atrazine	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Benz(a)anthracene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Benzaldehyde	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Benzo(a)pyrene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Benzo(b)fluoranthene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Benzo(g,h,i)perylene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Benzo(k)fluoranthene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Bis(2-chloroethoxy)methane	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Bis(2-chloroethyl)ether	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Bis(2-chloroisopropyl)ether	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:38:00 AM
Lab ID:	1511M21-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Butyl benzyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Caprolactam	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Carbazole	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Chrysene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Di-n-butyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Di-n-octyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Dibenz(a,h)anthracene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Dibenzofuran	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Diethyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Dimethyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Fluoranthene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Fluorene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Hexachlorobenzene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Hexachlorobutadiene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Hexachlorocyclopentadiene	BRL	0.79		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Hexachloroethane	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Indeno(1,2,3-cd)pyrene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Isophorone	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
N-Nitrosodi-n-propylamine	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
N-Nitrosodiphenylamine	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Naphthalene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Nitrobenzene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Phenanthrene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Phenol	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Pyrene	BRL	0.39		mg/Kg-dry	216377	1	11/27/2015 11:29	EI
Surr: 2,4,6-Tribromophenol	100	41-128		%REC	216377	1	11/27/2015 11:29	EI
Surr: 2-Fluorobiphenyl	87.3	47-120		%REC	216377	1	11/27/2015 11:29	EI
Surr: 2-Fluorophenol	82	38.3-120		%REC	216377	1	11/27/2015 11:29	EI
Surr: 4-Terphenyl-d14	91.4	51.4-125		%REC	216377	1	11/27/2015 11:29	EI
Surr: Nitrobenzene-d5	94.4	40.1-120		%REC	216377	1	11/27/2015 11:29	EI
Surr: Phenol-d5	90.6	40.3-120		%REC	216377	1	11/27/2015 11:29	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,1,2,2-Tetrachloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,1,2-Trichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,1-Dichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,1-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,2,4-Trichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:38:00 AM
Lab ID:	1511M21-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,2-Dibromoethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,2-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,2-Dichloroethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,2-Dichloropropane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,3-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
1,4-Dichlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
2-Butanone	BRL	0.042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
2-Hexanone	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
4-Methyl-2-pentanone	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Acetone	BRL	0.084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Benzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Bromodichloromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Bromoform	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Bromomethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Carbon disulfide	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Carbon tetrachloride	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Chlorobenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Chloroethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Chloroform	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Chloromethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
cis-1,2-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
cis-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Cyclohexane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Dibromochloromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Dichlorodifluoromethane	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Ethylbenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Freon-113	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Isopropylbenzene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
m,p-Xylene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Methyl acetate	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Methyl tert-butyl ether	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Methylcyclohexane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Methylene chloride	BRL	0.017		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
o-Xylene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Styrene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Tetrachloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Toluene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
trans-1,2-Dichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
trans-1,3-Dichloropropene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Trichloroethene	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:38:00 AM
Lab ID:	1511M21-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0042		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Vinyl chloride	BRL	0.0084		mg/Kg-dry	216441	1	11/25/2015 19:02	MD
Surr: 4-Bromofluorobenzene	86.2	70-128		%REC	216441	1	11/25/2015 19:02	MD
Surr: Dibromofluoromethane	99.3	78.2-128		%REC	216441	1	11/25/2015 19:02	MD
Surr: Toluene-d8	90.9	76.5-116		%REC	216441	1	11/25/2015 19:02	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.11	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	195	5.79		mg/Kg-dry	216411	1	11/25/2015 20:41	IO
Barium	108	5.79		mg/Kg-dry	216411	1	11/25/2015 20:41	IO
Cadmium	BRL	2.90		mg/Kg-dry	216411	1	11/25/2015 20:41	IO
Chromium	23.4	2.90		mg/Kg-dry	216411	1	11/25/2015 20:41	IO
Lead	17.7	5.79		mg/Kg-dry	216411	1	11/25/2015 20:41	IO
Selenium	BRL	5.79		mg/Kg-dry	216411	1	11/25/2015 20:41	IO
Silver	BRL	2.90		mg/Kg-dry	216411	1	11/25/2015 20:41	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.4	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:59:00 AM
Lab ID:	1511M21-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.122		mg/Kg-dry	216343	1	11/24/2015 13:37	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2,4,5-Trichlorophenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2,4,6-Trichlorophenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2,4-Dichlorophenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2,4-Dimethylphenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2,4-Dinitrophenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2,4-Dinitrotoluene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2,6-Dinitrotoluene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2-Chloronaphthalene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2-Chlorophenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2-Methylnaphthalene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2-Methylphenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2-Nitroaniline	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
2-Nitrophenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
3,3´-Dichlorobenzidine	BRL	0.83		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
3-Nitroaniline	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
4,6-Dinitro-2-methylphenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
4-Bromophenyl phenyl ether	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
4-Chloro-3-methylphenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
4-Chloroaniline	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
4-Chlorophenyl phenyl ether	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
4-Methylphenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
4-Nitroaniline	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
4-Nitrophenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Acenaphthene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Acenaphthylene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Acetophenone	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Anthracene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Atrazine	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Benz(a)anthracene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Benzaldehyde	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Benzo(a)pyrene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Benzo(b)fluoranthene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Benzo(g,h,i)perylene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Benzo(k)fluoranthene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Bis(2-chloroethoxy)methane	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Bis(2-chloroethyl)ether	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Bis(2-chloroisopropyl)ether	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI

Qualifiers:

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BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:59:00 AM
Lab ID:	1511M21-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Butyl benzyl phthalate	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Caprolactam	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Carbazole	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Chrysene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Di-n-butyl phthalate	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Di-n-octyl phthalate	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Dibenz(a,h)anthracene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Dibenzofuran	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Diethyl phthalate	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Dimethyl phthalate	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Fluoranthene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Fluorene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Hexachlorobenzene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Hexachlorobutadiene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Hexachlorocyclopentadiene	BRL	0.82		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Hexachloroethane	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Indeno(1,2,3-cd)pyrene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Isophorone	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
N-Nitrosodi-n-propylamine	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
N-Nitrosodiphenylamine	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Naphthalene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Nitrobenzene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Pentachlorophenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Phenanthrene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Phenol	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Pyrene	BRL	0.41		mg/Kg-dry	216377	1	11/25/2015 17:46	EI
Surr: 2,4,6-Tribromophenol	99.9	41-128		%REC	216377	1	11/25/2015 17:46	EI
Surr: 2-Fluorobiphenyl	89.7	47-120		%REC	216377	1	11/25/2015 17:46	EI
Surr: 2-Fluorophenol	88.3	38.3-120		%REC	216377	1	11/25/2015 17:46	EI
Surr: 4-Terphenyl-d14	97	51.4-125		%REC	216377	1	11/25/2015 17:46	EI
Surr: Nitrobenzene-d5	98.5	40.1-120		%REC	216377	1	11/25/2015 17:46	EI
Surr: Phenol-d5	96	40.3-120		%REC	216377	1	11/25/2015 17:46	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,1,2,2-Tetrachloroethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,1,2-Trichloroethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,1-Dichloroethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,1-Dichloroethene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,2,4-Trichlorobenzene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:59:00 AM
Lab ID:	1511M21-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,2-Dibromoethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,2-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,2-Dichloroethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,2-Dichloropropane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,3-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
1,4-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
2-Butanone	BRL	0.055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
2-Hexanone	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Acetone	BRL	0.11		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Benzene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Bromodichloromethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Bromoform	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Bromomethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Carbon disulfide	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Carbon tetrachloride	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Chlorobenzene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Chloroethane	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Chloroform	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Chloromethane	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
cis-1,2-Dichloroethene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
cis-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Cyclohexane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Dibromochloromethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Ethylbenzene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Freon-113	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Isopropylbenzene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
m,p-Xylene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Methyl acetate	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Methyl tert-butyl ether	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Methylcyclohexane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Methylene chloride	BRL	0.022		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
o-Xylene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Styrene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Tetrachloroethene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Toluene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
trans-1,2-Dichloroethene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
trans-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Trichloroethene	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 11:59:00 AM
Lab ID:	1511M21-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0055		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Vinyl chloride	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:25	MD
Surr: 4-Bromofluorobenzene	85.9	70-128		%REC	216441	1	11/25/2015 19:25	MD
Surr: Dibromofluoromethane	97.7	78.2-128		%REC	216441	1	11/25/2015 19:25	MD
Surr: Toluene-d8	93.6	76.5-116		%REC	216441	1	11/25/2015 19:25	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.34	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	14.5	5.80		mg/Kg-dry	216411	1	11/25/2015 20:45	IO
Barium	96.9	5.80		mg/Kg-dry	216411	1	11/25/2015 20:45	IO
Cadmium	BRL	2.90		mg/Kg-dry	216411	1	11/25/2015 20:45	IO
Chromium	25.7	2.90		mg/Kg-dry	216411	1	11/25/2015 20:45	IO
Lead	14.2	5.80		mg/Kg-dry	216411	1	11/25/2015 20:45	IO
Selenium	BRL	5.80		mg/Kg-dry	216411	1	11/25/2015 20:45	IO
Silver	BRL	2.90		mg/Kg-dry	216411	1	11/25/2015 20:45	IO
PERCENT MOISTURE D2216								
Percent Moisture	19.3	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 18-20
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 12:10:00 PM
Lab ID:	1511M21-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.121		mg/Kg-dry	216343	1	11/24/2015 13:39	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2,4,5-Trichlorophenol	BRL	2.4		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2,4,6-Trichlorophenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2,4-Dichlorophenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2,4-Dimethylphenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2,4-Dinitrophenol	BRL	2.4		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2,4-Dinitrotoluene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2,6-Dinitrotoluene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2-Chloronaphthalene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2-Chlorophenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2-Methylnaphthalene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2-Methylphenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2-Nitroaniline	BRL	2.4		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
2-Nitrophenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
3,3´-Dichlorobenzidine	BRL	0.94		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
3-Nitroaniline	BRL	2.4		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
4,6-Dinitro-2-methylphenol	BRL	2.4		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
4-Bromophenyl phenyl ether	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
4-Chloro-3-methylphenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
4-Chloroaniline	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
4-Chlorophenyl phenyl ether	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
4-Methylphenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
4-Nitroaniline	BRL	2.4		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
4-Nitrophenol	BRL	2.4		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Acenaphthene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Acenaphthylene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Acetophenone	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Anthracene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Atrazine	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Benz(a)anthracene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Benzaldehyde	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Benzo(a)pyrene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Benzo(b)fluoranthene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Benzo(g,h,i)perylene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Benzo(k)fluoranthene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Bis(2-chloroethoxy)methane	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Bis(2-chloroethyl)ether	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Bis(2-chloroisopropyl)ether	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 18-20
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 12:10:00 PM
Lab ID:	1511M21-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Butyl benzyl phthalate	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Caprolactam	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Carbazole	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Chrysene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Di-n-butyl phthalate	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Di-n-octyl phthalate	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Dibenz(a,h)anthracene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Dibenzofuran	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Diethyl phthalate	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Dimethyl phthalate	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Fluoranthene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Fluorene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Hexachlorobenzene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Hexachlorobutadiene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Hexachlorocyclopentadiene	BRL	0.92		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Hexachloroethane	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Indeno(1,2,3-cd)pyrene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Isophorone	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
N-Nitrosodi-n-propylamine	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
N-Nitrosodiphenylamine	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Naphthalene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Nitrobenzene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Pentachlorophenol	BRL	2.4		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Phenanthrene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Phenol	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Pyrene	BRL	0.46		mg/Kg-dry	216377	1	11/25/2015 18:12	EI
Surr: 2,4,6-Tribromophenol	114	41-128		%REC	216377	1	11/25/2015 18:12	EI
Surr: 2-Fluorobiphenyl	96.8	47-120		%REC	216377	1	11/25/2015 18:12	EI
Surr: 2-Fluorophenol	87.9	38.3-120		%REC	216377	1	11/25/2015 18:12	EI
Surr: 4-Terphenyl-d14	111	51.4-125		%REC	216377	1	11/25/2015 18:12	EI
Surr: Nitrobenzene-d5	99.2	40.1-120		%REC	216377	1	11/25/2015 18:12	EI
Surr: Phenol-d5	95.1	40.3-120		%REC	216377	1	11/25/2015 18:12	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,1,2,2-Tetrachloroethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,1,2-Trichloroethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,1-Dichloroethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,1-Dichloroethene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,2,4-Trichlorobenzene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 18-20
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 12:10:00 PM
Lab ID:	1511M21-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,2-Dibromoethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,2-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,2-Dichloroethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,2-Dichloropropane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,3-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
1,4-Dichlorobenzene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
2-Butanone	BRL	0.057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
2-Hexanone	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Acetone	0.16	0.11		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Benzene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Bromodichloromethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Bromoform	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Bromomethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Carbon disulfide	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Carbon tetrachloride	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Chlorobenzene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Chloroethane	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Chloroform	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Chloromethane	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
cis-1,2-Dichloroethene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
cis-1,3-Dichloropropene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Cyclohexane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Dibromochloromethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Ethylbenzene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Freon-113	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Isopropylbenzene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
m,p-Xylene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Methyl acetate	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Methyl tert-butyl ether	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Methylcyclohexane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Methylene chloride	BRL	0.023		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
o-Xylene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Styrene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Tetrachloroethene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Toluene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
trans-1,2-Dichloroethene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
trans-1,3-Dichloropropene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Trichloroethene	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1 18-20
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 12:10:00 PM
Lab ID:	1511M21-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0057		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Vinyl chloride	BRL	0.011		mg/Kg-dry	216441	1	11/25/2015 19:49	MD
Surr: 4-Bromofluorobenzene	88.1	70-128		%REC	216441	1	11/25/2015 19:49	MD
Surr: Dibromofluoromethane	100	78.2-128		%REC	216441	1	11/25/2015 19:49	MD
Surr: Toluene-d8	90.6	76.5-116		%REC	216441	1	11/25/2015 19:49	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.69	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	6.57		mg/Kg-dry	216411	1	11/25/2015 20:48	IO
Barium	210	6.57		mg/Kg-dry	216411	1	11/25/2015 20:48	IO
Cadmium	5.82	3.28		mg/Kg-dry	216411	1	11/25/2015 20:48	IO
Chromium	58.1	3.28		mg/Kg-dry	216411	1	11/25/2015 20:48	IO
Lead	26.4	6.57		mg/Kg-dry	216411	1	11/25/2015 20:48	IO
Selenium	BRL	6.57		mg/Kg-dry	216411	1	11/25/2015 20:48	IO
Silver	BRL	3.28		mg/Kg-dry	216411	1	11/25/2015 20:48	IO
PERCENT MOISTURE D2216								
Percent Moisture	28.5	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 1:24:00 PM
Lab ID:	1511M21-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.102		mg/Kg-dry	216343	1	11/24/2015 13:41	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2,4,5-Trichlorophenol	BRL	1.9		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2,4,6-Trichlorophenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2,4-Dichlorophenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2,4-Dimethylphenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2,4-Dinitrophenol	BRL	1.9		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2,4-Dinitrotoluene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2,6-Dinitrotoluene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2-Chloronaphthalene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2-Chlorophenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2-Methylnaphthalene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2-Methylphenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2-Nitroaniline	BRL	1.9		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
2-Nitrophenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
3,3´-Dichlorobenzidine	BRL	0.74		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
3-Nitroaniline	BRL	1.9		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
4,6-Dinitro-2-methylphenol	BRL	1.9		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
4-Bromophenyl phenyl ether	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
4-Chloro-3-methylphenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
4-Chloroaniline	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
4-Chlorophenyl phenyl ether	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
4-Methylphenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
4-Nitroaniline	BRL	1.9		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
4-Nitrophenol	BRL	1.9		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Acenaphthene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Acenaphthylene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Acetophenone	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Anthracene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Atrazine	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Benz(a)anthracene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Benzaldehyde	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Benzo(a)pyrene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Benzo(b)fluoranthene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Benzo(g,h,i)perylene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Benzo(k)fluoranthene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Bis(2-chloroethoxy)methane	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Bis(2-chloroethyl)ether	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Bis(2-chloroisopropyl)ether	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 1:24:00 PM
Lab ID:	1511M21-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Butyl benzyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Caprolactam	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Carbazole	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Chrysene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Di-n-butyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Di-n-octyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Dibenz(a,h)anthracene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Dibenzofuran	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Diethyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Dimethyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Fluoranthene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Fluorene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Hexachlorobenzene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Hexachlorobutadiene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Hexachlorocyclopentadiene	BRL	0.73		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Hexachloroethane	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Indeno(1,2,3-cd)pyrene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Isophorone	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
N-Nitrosodi-n-propylamine	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
N-Nitrosodiphenylamine	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Naphthalene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Nitrobenzene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Pentachlorophenol	BRL	1.9		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Phenanthrene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Phenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Pyrene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 18:37	EI
Surr: 2,4,6-Tribromophenol	92.2	41-128		%REC	216377	1	11/25/2015 18:37	EI
Surr: 2-Fluorobiphenyl	83.5	47-120		%REC	216377	1	11/25/2015 18:37	EI
Surr: 2-Fluorophenol	77.4	38.3-120		%REC	216377	1	11/25/2015 18:37	EI
Surr: 4-Terphenyl-d14	96.7	51.4-125		%REC	216377	1	11/25/2015 18:37	EI
Surr: Nitrobenzene-d5	87.9	40.1-120		%REC	216377	1	11/25/2015 18:37	EI
Surr: Phenol-d5	85.6	40.3-120		%REC	216377	1	11/25/2015 18:37	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,1,2,2-Tetrachloroethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,1,2-Trichloroethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,1-Dichloroethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,1-Dichloroethene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,2,4-Trichlorobenzene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 1:24:00 PM
Lab ID:	1511M21-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,2-Dibromoethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,2-Dichlorobenzene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,2-Dichloroethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,2-Dichloropropane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,3-Dichlorobenzene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
1,4-Dichlorobenzene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
2-Butanone	BRL	0.061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
2-Hexanone	BRL	0.012		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
4-Methyl-2-pentanone	BRL	0.012		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Acetone	BRL	0.12		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Benzene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Bromodichloromethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Bromoform	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Bromomethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Carbon disulfide	BRL	0.012		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Carbon tetrachloride	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Chlorobenzene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Chloroethane	BRL	0.012		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Chloroform	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Chloromethane	BRL	0.012		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
cis-1,2-Dichloroethene	0.044	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
cis-1,3-Dichloropropene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Cyclohexane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Dibromochloromethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Dichlorodifluoromethane	BRL	0.012		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Ethylbenzene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Freon-113	BRL	0.012		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Isopropylbenzene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
m,p-Xylene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Methyl acetate	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Methyl tert-butyl ether	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Methylcyclohexane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Methylene chloride	BRL	0.024		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
o-Xylene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Styrene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Tetrachloroethene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Toluene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
trans-1,2-Dichloroethene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
trans-1,3-Dichloropropene	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Trichloroethene	0.042	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 1:24:00 PM
Lab ID:	1511M21-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0061		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Vinyl chloride	BRL	0.012		mg/Kg-dry	216441	1	11/25/2015 20:13	MD
Surr: 4-Bromofluorobenzene	93.6	70-128		%REC	216441	1	11/25/2015 20:13	MD
Surr: Dibromofluoromethane	102	78.2-128		%REC	216441	1	11/25/2015 20:13	MD
Surr: Toluene-d8	90.2	76.5-116		%REC	216441	1	11/25/2015 20:13	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.21	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.12		mg/Kg-dry	216411	1	11/25/2015 19:21	IO
Barium	73.9	5.12		mg/Kg-dry	216411	1	11/25/2015 19:21	IO
Cadmium	BRL	2.56		mg/Kg-dry	216411	1	11/25/2015 19:21	IO
Chromium	10.8	2.56		mg/Kg-dry	216411	1	11/25/2015 19:21	IO
Lead	9.98	5.12		mg/Kg-dry	216411	1	11/25/2015 19:21	IO
Selenium	BRL	5.12		mg/Kg-dry	216411	1	11/25/2015 19:21	IO
Silver	BRL	2.56		mg/Kg-dry	216411	1	11/25/2015 19:21	IO
PERCENT MOISTURE D2216								
Percent Moisture	9.29	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2 18-20
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 1:54:00 PM
Lab ID:	1511M21-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.0990		mg/Kg-dry	216343	1	11/24/2015 13:43	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2,4,5-Trichlorophenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2,4,6-Trichlorophenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2,4-Dichlorophenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2,4-Dimethylphenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2,4-Dinitrophenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2,4-Dinitrotoluene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2,6-Dinitrotoluene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2-Chloronaphthalene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2-Chlorophenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2-Methylnaphthalene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2-Methylphenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2-Nitroaniline	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
2-Nitrophenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
3,3´-Dichlorobenzidine	BRL	0.72		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
3-Nitroaniline	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
4,6-Dinitro-2-methylphenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
4-Bromophenyl phenyl ether	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
4-Chloro-3-methylphenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
4-Chloroaniline	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
4-Chlorophenyl phenyl ether	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
4-Methylphenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
4-Nitroaniline	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
4-Nitrophenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Acenaphthene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Acenaphthylene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Acetophenone	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Anthracene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Atrazine	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Benz(a)anthracene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Benzaldehyde	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Benzo(a)pyrene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Benzo(b)fluoranthene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Benzo(g,h,i)perylene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Benzo(k)fluoranthene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Bis(2-chloroethoxy)methane	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Bis(2-chloroethyl)ether	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Bis(2-chloroisopropyl)ether	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2 18-20
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 1:54:00 PM
Lab ID:	1511M21-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Butyl benzyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Caprolactam	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Carbazole	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Chrysene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Di-n-butyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Di-n-octyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Dibenz(a,h)anthracene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Dibenzofuran	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Diethyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Dimethyl phthalate	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Fluoranthene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Fluorene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Hexachlorobenzene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Hexachlorobutadiene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Hexachlorocyclopentadiene	BRL	0.71		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Hexachloroethane	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Indeno(1,2,3-cd)pyrene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Isophorone	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
N-Nitrosodi-n-propylamine	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
N-Nitrosodiphenylamine	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Naphthalene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Nitrobenzene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Pentachlorophenol	BRL	1.8		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Phenanthrene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Phenol	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Pyrene	BRL	0.36		mg/Kg-dry	216377	1	11/25/2015 19:02	EI
Surr: 2,4,6-Tribromophenol	109	41-128		%REC	216377	1	11/25/2015 19:02	EI
Surr: 2-Fluorobiphenyl	102	47-120		%REC	216377	1	11/25/2015 19:02	EI
Surr: 2-Fluorophenol	91.9	38.3-120		%REC	216377	1	11/25/2015 19:02	EI
Surr: 4-Terphenyl-d14	109	51.4-125		%REC	216377	1	11/25/2015 19:02	EI
Surr: Nitrobenzene-d5	108	40.1-120		%REC	216377	1	11/25/2015 19:02	EI
Surr: Phenol-d5	102	40.3-120		%REC	216377	1	11/25/2015 19:02	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,1,2,2-Tetrachloroethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,1,2-Trichloroethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,1-Dichloroethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,1-Dichloroethene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,2,4-Trichlorobenzene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2 18-20
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 1:54:00 PM
Lab ID:	1511M21-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,2-Dibromoethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,2-Dichlorobenzene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,2-Dichloroethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,2-Dichloropropane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,3-Dichlorobenzene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
1,4-Dichlorobenzene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
2-Butanone	BRL	0.034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
2-Hexanone	BRL	0.0068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
4-Methyl-2-pentanone	BRL	0.0068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Acetone	BRL	0.068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Benzene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Bromodichloromethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Bromoform	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Bromomethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Carbon disulfide	BRL	0.0068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Carbon tetrachloride	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Chlorobenzene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Chloroethane	BRL	0.0068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Chloroform	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Chloromethane	BRL	0.0068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
cis-1,2-Dichloroethene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
cis-1,3-Dichloropropene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Cyclohexane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Dibromochloromethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Dichlorodifluoromethane	BRL	0.0068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Ethylbenzene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Freon-113	BRL	0.0068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Isopropylbenzene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
m,p-Xylene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Methyl acetate	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Methyl tert-butyl ether	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Methylcyclohexane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Methylene chloride	BRL	0.014		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
o-Xylene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Styrene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Tetrachloroethene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Toluene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
trans-1,2-Dichloroethene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
trans-1,3-Dichloropropene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Trichloroethene	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2 18-20
Project Name:	Allied Midtown	**Collection Date:**	11/20/2015 1:54:00 PM
Lab ID:	1511M21-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0034		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Vinyl chloride	BRL	0.0068		mg/Kg-dry	216441	1	11/25/2015 20:36	MD
Surr: 4-Bromofluorobenzene	93.1	70-128		%REC	216441	1	11/25/2015 20:36	MD
Surr: Dibromofluoromethane	102	78.2-128		%REC	216441	1	11/25/2015 20:36	MD
Surr: Toluene-d8	90.7	76.5-116		%REC	216441	1	11/25/2015 20:36	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	5.45	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.28		mg/Kg-dry	216411	1	11/25/2015 20:52	IO
Barium	329	5.28		mg/Kg-dry	216411	1	11/25/2015 20:52	IO
Cadmium	BRL	2.64		mg/Kg-dry	216411	1	11/25/2015 20:52	IO
Chromium	56.1	2.64		mg/Kg-dry	216411	1	11/25/2015 20:52	IO
Lead	BRL	5.28		mg/Kg-dry	216411	1	11/25/2015 20:52	IO
Selenium	BRL	5.28		mg/Kg-dry	216411	1	11/25/2015 20:52	IO
Silver	BRL	2.64		mg/Kg-dry	216411	1	11/25/2015 20:52	IO
PERCENT MOISTURE D2216								
Percent Moisture	7.15	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 11:13:00 AM
Lab ID:	1511M21-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	1.03	0.115		mg/Kg-dry	216343	1	11/24/2015 13:45	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2,4,5-Trichlorophenol	BRL	2.3		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2,4,6-Trichlorophenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2,4-Dichlorophenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2,4-Dimethylphenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2,4-Dinitrophenol	BRL	2.3		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2,4-Dinitrotoluene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2,6-Dinitrotoluene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2-Chloronaphthalene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2-Chlorophenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2-Methylnaphthalene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2-Methylphenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2-Nitroaniline	BRL	2.3		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
2-Nitrophenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
3,3´-Dichlorobenzidine	BRL	0.89		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
3-Nitroaniline	BRL	2.3		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
4,6-Dinitro-2-methylphenol	BRL	2.3		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
4-Bromophenyl phenyl ether	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
4-Chloro-3-methylphenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
4-Chloroaniline	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
4-Chlorophenyl phenyl ether	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
4-Methylphenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
4-Nitroaniline	BRL	2.3		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
4-Nitrophenol	BRL	2.3		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Acenaphthene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Acenaphthylene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Acetophenone	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Anthracene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Atrazine	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Benz(a)anthracene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Benzaldehyde	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Benzo(a)pyrene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Benzo(b)fluoranthene	0.46	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Benzo(g,h,i)perylene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Benzo(k)fluoranthene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Bis(2-chloroethoxy)methane	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Bis(2-chloroethyl)ether	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Bis(2-chloroisopropyl)ether	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 11:13:00 AM
Lab ID:	1511M21-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Butyl benzyl phthalate	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Caprolactam	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Carbazole	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Chrysene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Di-n-butyl phthalate	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Di-n-octyl phthalate	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Dibenz(a,h)anthracene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Dibenzofuran	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Diethyl phthalate	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Dimethyl phthalate	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Fluoranthene	0.91	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Fluorene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Hexachlorobenzene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Hexachlorobutadiene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Hexachlorocyclopentadiene	BRL	0.88		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Hexachloroethane	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Indeno(1,2,3-cd)pyrene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Isophorone	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
N-Nitrosodi-n-propylamine	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
N-Nitrosodiphenylamine	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Naphthalene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Nitrobenzene	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Pentachlorophenol	BRL	2.3		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Phenanthrene	0.53	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Phenol	BRL	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Pyrene	0.66	0.44		mg/Kg-dry	216377	1	11/25/2015 19:27	EI
Surr: 2,4,6-Tribromophenol	106	41-128		%REC	216377	1	11/25/2015 19:27	EI
Surr: 2-Fluorobiphenyl	90.9	47-120		%REC	216377	1	11/25/2015 19:27	EI
Surr: 2-Fluorophenol	75.5	38.3-120		%REC	216377	1	11/25/2015 19:27	EI
Surr: 4-Terphenyl-d14	93.6	51.4-125		%REC	216377	1	11/25/2015 19:27	EI
Surr: Nitrobenzene-d5	95.4	40.1-120		%REC	216377	1	11/25/2015 19:27	EI
Surr: Phenol-d5	88.5	40.3-120		%REC	216377	1	11/25/2015 19:27	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,1,2,2-Tetrachloroethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,1,2-Trichloroethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,1-Dichloroethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,1-Dichloroethene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,2,4-Trichlorobenzene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 11:13:00 AM
Lab ID:	1511M21-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,2-Dibromoethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,2-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,2-Dichloroethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,2-Dichloropropane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,3-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
1,4-Dichlorobenzene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
2-Butanone	BRL	0.052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
2-Hexanone	BRL	0.010		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Acetone	0.15	0.10		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Benzene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Bromodichloromethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Bromoform	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Bromomethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Carbon disulfide	BRL	0.010		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Carbon tetrachloride	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Chlorobenzene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Chloroethane	BRL	0.010		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Chloroform	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Chloromethane	BRL	0.010		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
cis-1,2-Dichloroethene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
cis-1,3-Dichloropropene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Cyclohexane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Dibromochloromethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Ethylbenzene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Freon-113	BRL	0.010		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Isopropylbenzene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
m,p-Xylene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Methyl acetate	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Methyl tert-butyl ether	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Methylcyclohexane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Methylene chloride	BRL	0.021		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
o-Xylene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Styrene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Tetrachloroethene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Toluene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
trans-1,2-Dichloroethene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
trans-1,3-Dichloropropene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Trichloroethene	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 11:13:00 AM
Lab ID:	1511M21-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0052		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Vinyl chloride	BRL	0.010		mg/Kg-dry	216441	1	11/25/2015 21:00	MD
Surr: 4-Bromofluorobenzene	83.5	70-128		%REC	216441	1	11/25/2015 21:00	MD
Surr: Dibromofluoromethane	106	78.2-128		%REC	216441	1	11/25/2015 21:00	MD
Surr: Toluene-d8	88.1	76.5-116		%REC	216441	1	11/25/2015 21:00	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	6.01	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	66.8	6.57		mg/Kg-dry	216411	1	11/25/2015 20:56	IO
Barium	433	6.57		mg/Kg-dry	216411	1	11/25/2015 20:56	IO
Cadmium	BRL	3.29		mg/Kg-dry	216411	1	11/25/2015 20:56	IO
Chromium	26.9	3.29		mg/Kg-dry	216411	1	11/25/2015 20:56	IO
Lead	789	6.57		mg/Kg-dry	216411	1	11/25/2015 20:56	IO
Selenium	BRL	6.57		mg/Kg-dry	216411	1	11/25/2015 20:56	IO
Silver	BRL	3.29		mg/Kg-dry	216411	1	11/25/2015 20:56	IO
PERCENT MOISTURE D2216								
Percent Moisture	24.8	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 11:59:00 AM
Lab ID:	1511M21-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.114		mg/Kg-dry	216343	1	11/24/2015 13:48	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2,4,6-Trichlorophenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2,4-Dichlorophenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2,4-Dimethylphenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2,4-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2,6-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2-Chloronaphthalene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2-Chlorophenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2-Methylnaphthalene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2-Methylphenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
2-Nitrophenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
3,3´-Dichlorobenzidine	BRL	0.79		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
4-Bromophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
4-Chloro-3-methylphenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
4-Chloroaniline	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
4-Chlorophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
4-Methylphenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Acenaphthene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Acenaphthylene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Acetophenone	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Anthracene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Atrazine	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Benz(a)anthracene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Benzaldehyde	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Benzo(a)pyrene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Benzo(b)fluoranthene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Benzo(g,h,i)perylene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Benzo(k)fluoranthene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Bis(2-chloroethoxy)methane	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Bis(2-chloroethyl)ether	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Bis(2-chloroisopropyl)ether	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI

Qualifiers:

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BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
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N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 11:59:00 AM
Lab ID:	1511M21-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Butyl benzyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Caprolactam	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Carbazole	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Chrysene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Di-n-butyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Di-n-octyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Dibenz(a,h)anthracene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Dibenzofuran	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Diethyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Dimethyl phthalate	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Fluoranthene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Fluorene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Hexachlorobenzene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Hexachlorobutadiene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Hexachlorocyclopentadiene	BRL	0.78		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Hexachloroethane	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Indeno(1,2,3-cd)pyrene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Isophorone	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
N-Nitrosodi-n-propylamine	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
N-Nitrosodiphenylamine	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Naphthalene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Nitrobenzene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Phenanthrene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Phenol	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Pyrene	BRL	0.39		mg/Kg-dry	216377	1	11/25/2015 19:53	EI
Surr: 2,4,6-Tribromophenol	68.2	41-128		%REC	216377	1	11/25/2015 19:53	EI
Surr: 2-Fluorobiphenyl	59.8	47-120		%REC	216377	1	11/25/2015 19:53	EI
Surr: 2-Fluorophenol	57.8	38.3-120		%REC	216377	1	11/25/2015 19:53	EI
Surr: 4-Terphenyl-d14	60.7	51.4-125		%REC	216377	1	11/25/2015 19:53	EI
Surr: Nitrobenzene-d5	66.7	40.1-120		%REC	216377	1	11/25/2015 19:53	EI
Surr: Phenol-d5	63.5	40.3-120		%REC	216377	1	11/25/2015 19:53	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,1,2,2-Tetrachloroethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,1,2-Trichloroethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,1-Dichloroethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,1-Dichloroethene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,2,4-Trichlorobenzene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 11:59:00 AM
Lab ID:	1511M21-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,2-Dibromoethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,2-Dichlorobenzene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,2-Dichloroethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,2-Dichloropropane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,3-Dichlorobenzene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
1,4-Dichlorobenzene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
2-Butanone	BRL	0.067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
2-Hexanone	BRL	0.013		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
4-Methyl-2-pentanone	BRL	0.013		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Acetone	BRL	0.13		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Benzene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Bromodichloromethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Bromoform	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Bromomethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Carbon disulfide	BRL	0.013		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Carbon tetrachloride	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Chlorobenzene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Chloroethane	BRL	0.013		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Chloroform	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Chloromethane	BRL	0.013		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
cis-1,2-Dichloroethene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
cis-1,3-Dichloropropene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Cyclohexane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Dibromochloromethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Dichlorodifluoromethane	BRL	0.013		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Ethylbenzene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Freon-113	BRL	0.013		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Isopropylbenzene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
m,p-Xylene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Methyl acetate	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Methyl tert-butyl ether	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Methylcyclohexane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Methylene chloride	BRL	0.027		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
o-Xylene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Styrene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Tetrachloroethene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Toluene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
trans-1,2-Dichloroethene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
trans-1,3-Dichloropropene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Trichloroethene	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 3-5
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 11:59:00 AM
Lab ID:	1511M21-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0067		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Vinyl chloride	BRL	0.013		mg/Kg-dry	216373	1	11/25/2015 21:23	MD
Surr: 4-Bromofluorobenzene	87.6	70-128		%REC	216373	1	11/25/2015 21:23	MD
Surr: Dibromofluoromethane	101	78.2-128		%REC	216373	1	11/25/2015 21:23	MD
Surr: Toluene-d8	90.4	76.5-116		%REC	216373	1	11/25/2015 21:23	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.14	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	28.8	5.70		mg/Kg-dry	216411	1	11/25/2015 21:00	IO
Barium	262	5.70		mg/Kg-dry	216411	1	11/25/2015 21:00	IO
Cadmium	BRL	2.85		mg/Kg-dry	216411	1	11/25/2015 21:00	IO
Chromium	48.5	2.85		mg/Kg-dry	216411	1	11/25/2015 21:00	IO
Lead	17.7	5.70		mg/Kg-dry	216411	1	11/25/2015 21:00	IO
Selenium	BRL	5.70		mg/Kg-dry	216411	1	11/25/2015 21:00	IO
Silver	BRL	2.85		mg/Kg-dry	216411	1	11/25/2015 21:00	IO
PERCENT MOISTURE D2216								
Percent Moisture	15.6	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 8-10
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 12:13:00 PM
Lab ID:	1511M21-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.118		mg/Kg-dry	216343	1	11/24/2015 13:54	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2,4,5-Trichlorophenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2,4,6-Trichlorophenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2,4-Dichlorophenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2,4-Dimethylphenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2,4-Dinitrophenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2,4-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2,6-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2-Chloronaphthalene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2-Chlorophenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2-Methylnaphthalene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2-Methylphenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2-Nitroaniline	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
2-Nitrophenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
3,3´-Dichlorobenzidine	BRL	0.82		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
3-Nitroaniline	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
4,6-Dinitro-2-methylphenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
4-Bromophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
4-Chloro-3-methylphenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
4-Chloroaniline	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
4-Chlorophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
4-Methylphenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
4-Nitroaniline	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
4-Nitrophenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Acenaphthene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Acenaphthylene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Acetophenone	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Anthracene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Atrazine	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Benz(a)anthracene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Benzaldehyde	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Benzo(a)pyrene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Benzo(b)fluoranthene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Benzo(g,h,i)perylene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Benzo(k)fluoranthene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Bis(2-chloroethoxy)methane	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Bis(2-chloroethyl)ether	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Bis(2-chloroisopropyl)ether	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 8-10
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 12:13:00 PM
Lab ID:	1511M21-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Butyl benzyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Caprolactam	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Carbazole	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Chrysene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Di-n-butyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Di-n-octyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Dibenz(a,h)anthracene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Dibenzofuran	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Diethyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Dimethyl phthalate	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Fluoranthene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Fluorene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Hexachlorobenzene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Hexachlorobutadiene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Hexachlorocyclopentadiene	BRL	0.81		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Hexachloroethane	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Indeno(1,2,3-cd)pyrene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Isophorone	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
N-Nitrosodi-n-propylamine	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
N-Nitrosodiphenylamine	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Naphthalene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Nitrobenzene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Pentachlorophenol	BRL	2.1		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Phenanthrene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Phenol	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Pyrene	BRL	0.40		mg/Kg-dry	216377	1	11/25/2015 20:19	EI
Surr: 2,4,6-Tribromophenol	65.2	41-128		%REC	216377	1	11/25/2015 20:19	EI
Surr: 2-Fluorobiphenyl	56.3	47-120		%REC	216377	1	11/25/2015 20:19	EI
Surr: 2-Fluorophenol	55	38.3-120		%REC	216377	1	11/25/2015 20:19	EI
Surr: 4-Terphenyl-d14	58.6	51.4-125		%REC	216377	1	11/25/2015 20:19	EI
Surr: Nitrobenzene-d5	63.2	40.1-120		%REC	216377	1	11/25/2015 20:19	EI
Surr: Phenol-d5	60.9	40.3-120		%REC	216377	1	11/25/2015 20:19	EI
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,1,2,2-Tetrachloroethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,1,2-Trichloroethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,1-Dichloroethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,1-Dichloroethene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,2,4-Trichlorobenzene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 8-10
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 12:13:00 PM
Lab ID:	1511M21-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,2-Dibromoethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,2-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,2-Dichloroethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,2-Dichloropropane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,3-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
1,4-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
2-Butanone	BRL	0.055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
2-Hexanone	BRL	0.011		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Acetone	BRL	0.11		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Benzene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Bromodichloromethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Bromoform	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Bromomethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Carbon disulfide	BRL	0.011		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Carbon tetrachloride	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Chlorobenzene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Chloroethane	BRL	0.011		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Chloroform	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Chloromethane	BRL	0.011		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
cis-1,2-Dichloroethene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
cis-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Cyclohexane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Dibromochloromethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Ethylbenzene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Freon-113	BRL	0.011		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Isopropylbenzene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
m,p-Xylene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Methyl acetate	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Methyl tert-butyl ether	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Methylcyclohexane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Methylene chloride	BRL	0.022		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
o-Xylene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Styrene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Tetrachloroethene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Toluene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
trans-1,2-Dichloroethene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
trans-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Trichloroethene	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 8-10
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 12:13:00 PM
Lab ID:	1511M21-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0055		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Vinyl chloride	BRL	0.011		mg/Kg-dry	216373	1	11/25/2015 21:47	MD
Surr: 4-Bromofluorobenzene	92.7	70-128		%REC	216373	1	11/25/2015 21:47	MD
Surr: Dibromofluoromethane	102	78.2-128		%REC	216373	1	11/25/2015 21:47	MD
Surr: Toluene-d8	91.6	76.5-116		%REC	216373	1	11/25/2015 21:47	MD
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	3.88	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.76		mg/Kg-dry	216411	1	11/25/2015 21:04	IO
Barium	220	5.76		mg/Kg-dry	216411	1	11/25/2015 21:04	IO
Cadmium	BRL	2.88		mg/Kg-dry	216411	1	11/25/2015 21:04	IO
Chromium	31.2	2.88		mg/Kg-dry	216411	1	11/25/2015 21:04	IO
Lead	12.6	5.76		mg/Kg-dry	216411	1	11/25/2015 21:04	IO
Selenium	BRL	5.76		mg/Kg-dry	216411	1	11/25/2015 21:04	IO
Silver	BRL	2.88		mg/Kg-dry	216411	1	11/25/2015 21:04	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 12:25:00 PM
Lab ID:	1511M21-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.123		mg/Kg-dry	216343	1	11/24/2015 13:56	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2,4,5-Trichlorophenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2,4,6-Trichlorophenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2,4-Dichlorophenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2,4-Dimethylphenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2,4-Dinitrophenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2,4-Dinitrotoluene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2,6-Dinitrotoluene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2-Chloronaphthalene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2-Chlorophenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2-Methylnaphthalene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2-Methylphenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2-Nitroaniline	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
2-Nitrophenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
3,3´-Dichlorobenzidine	BRL	0.85		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
3-Nitroaniline	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
4,6-Dinitro-2-methylphenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
4-Bromophenyl phenyl ether	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
4-Chloro-3-methylphenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
4-Chloroaniline	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
4-Chlorophenyl phenyl ether	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
4-Methylphenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
4-Nitroaniline	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
4-Nitrophenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Acenaphthene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Acenaphthylene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Acetophenone	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Anthracene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Atrazine	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Benz(a)anthracene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Benzaldehyde	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Benzo(a)pyrene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Benzo(b)fluoranthene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Benzo(g,h,i)perylene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Benzo(k)fluoranthene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Bis(2-chloroethoxy)methane	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Bis(2-chloroethyl)ether	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Bis(2-chloroisopropyl)ether	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 12:25:00 PM
Lab ID:	1511M21-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Butyl benzyl phthalate	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Caprolactam	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Carbazole	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Chrysene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Di-n-butyl phthalate	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Di-n-octyl phthalate	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Dibenz(a,h)anthracene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Dibenzofuran	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Diethyl phthalate	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Dimethyl phthalate	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Fluoranthene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Fluorene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Hexachlorobenzene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Hexachlorobutadiene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Hexachlorocyclopentadiene	BRL	0.83		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Hexachloroethane	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Indeno(1,2,3-cd)pyrene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Isophorone	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
N-Nitrosodi-n-propylamine	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
N-Nitrosodiphenylamine	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Naphthalene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Nitrobenzene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Pentachlorophenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Phenanthrene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Phenol	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Pyrene	BRL	0.42		mg/Kg-dry	216501	1	11/30/2015 17:28	YH
Surr: 2,4,6-Tribromophenol	108	41-128		%REC	216501	1	11/30/2015 17:28	YH
Surr: 2-Fluorobiphenyl	86	47-120		%REC	216501	1	11/30/2015 17:28	YH
Surr: 2-Fluorophenol	79.2	38.3-120		%REC	216501	1	11/30/2015 17:28	YH
Surr: 4-Terphenyl-d14	93.3	51.4-125		%REC	216501	1	11/30/2015 17:28	YH
Surr: Nitrobenzene-d5	91.9	40.1-120		%REC	216501	1	11/30/2015 17:28	YH
Surr: Phenol-d5	90.7	40.3-120		%REC	216501	1	11/30/2015 17:28	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,1,2,2-Tetrachloroethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,1,2-Trichloroethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,1-Dichloroethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,1-Dichloroethene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,2,4-Trichlorobenzene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 12:25:00 PM
Lab ID:	1511M21-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,2-Dibromoethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,2-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,2-Dichloroethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,2-Dichloropropane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,3-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
1,4-Dichlorobenzene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
2-Butanone	BRL	0.053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
2-Hexanone	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Acetone	BRL	0.11		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Benzene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Bromodichloromethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Bromoform	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Bromomethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Carbon disulfide	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Carbon tetrachloride	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Chlorobenzene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Chloroethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Chloroform	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Chloromethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
cis-1,2-Dichloroethene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
cis-1,3-Dichloropropene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Cyclohexane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Dibromochloromethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Ethylbenzene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Freon-113	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Isopropylbenzene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
m,p-Xylene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Methyl acetate	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Methyl tert-butyl ether	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Methylcyclohexane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Methylene chloride	BRL	0.021		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
o-Xylene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Styrene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Tetrachloroethene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Toluene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
trans-1,2-Dichloroethene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
trans-1,3-Dichloropropene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Trichloroethene	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4 13-15
Project Name:	Allied Midtown	**Collection Date:**	11/21/2015 12:25:00 PM
Lab ID:	1511M21-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0053		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Vinyl chloride	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 16:01	CG
Surr: 4-Bromofluorobenzene	92.5	70-128		%REC	216500	1	11/27/2015 16:01	CG
Surr: Dibromofluoromethane	96.2	78.2-128		%REC	216500	1	11/27/2015 16:01	CG
Surr: Toluene-d8	93.6	76.5-116		%REC	216500	1	11/27/2015 16:01	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.43	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.82		mg/Kg-dry	216411	1	11/25/2015 21:08	IO
Barium	134	5.82		mg/Kg-dry	216411	1	11/25/2015 21:08	IO
Cadmium	BRL	2.91		mg/Kg-dry	216411	1	11/25/2015 21:08	IO
Chromium	21.6	2.91		mg/Kg-dry	216411	1	11/25/2015 21:08	IO
Lead	11.0	5.82		mg/Kg-dry	216411	1	11/25/2015 21:08	IO
Selenium	BRL	5.82		mg/Kg-dry	216411	1	11/25/2015 21:08	IO
Silver	BRL	2.91		mg/Kg-dry	216411	1	11/25/2015 21:08	IO
PERCENT MOISTURE D2216								
Percent Moisture	20.9	0		wt%	R305400	1	11/30/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK
Project Name:	Allied Midtown	**Collection Date:**	11/23/2015
Lab ID:	1511M21-013	**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	216605	1	12/01/2015 13:47	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,2-Dichloroethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
2-Butanone	BRL	50		ug/L	216605	1	12/01/2015 13:47	CH
2-Hexanone	BRL	10		ug/L	216605	1	12/01/2015 13:47	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216605	1	12/01/2015 13:47	CH
Acetone	BRL	50		ug/L	216605	1	12/01/2015 13:47	CH
Benzene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Bromodichloromethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Bromoform	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Bromomethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Carbon disulfide	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Carbon tetrachloride	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Chlorobenzene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Chloroethane	BRL	10		ug/L	216605	1	12/01/2015 13:47	CH
Chloroform	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Chloromethane	BRL	10		ug/L	216605	1	12/01/2015 13:47	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Cyclohexane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Dibromochloromethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Dichlorodifluoromethane	BRL	10		ug/L	216605	1	12/01/2015 13:47	CH
Ethylbenzene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Freon-113	BRL	10		ug/L	216605	1	12/01/2015 13:47	CH
Isopropylbenzene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
m,p-Xylene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Methyl acetate	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Methylcyclohexane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Methylene chloride	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
o-Xylene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 3-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK
Project Name:	Allied Midtown	**Collection Date:**	11/23/2015
Lab ID:	1511M21-013	**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	216605	1	12/01/2015 13:47	CH
Tetrachloroethene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Toluene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Trichloroethene	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216605	1	12/01/2015 13:47	CH
Vinyl chloride	BRL	2.0		ug/L	216605	1	12/01/2015 13:47	CH
Surr: 4-Bromofluorobenzene	88.1	70.7-125		%REC	216605	1	12/01/2015 13:47	CH
Surr: Dibromofluoromethane	93.3	82.2-120		%REC	216605	1	12/01/2015 13:47	CH
Surr: Toluene-d8	93.4	81.8-120		%REC	216605	1	12/01/2015 13:47	CH

Qualifiers:

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Sailor's Engineering Work Order Number 1511M21

Checklist completed by [signature] 11-23-15
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? (4°C±2)*	Yes ✓	No __	

Cooler #1 4.7°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.

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Lab Order: 1511M21

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1511M21-001A	B-1 3-5	11/20/2015 10:28:00AM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-001B	B-1 3-5	11/20/2015 10:28:00AM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-001B	B-1 3-5	11/20/2015 10:28:00AM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-001B	B-1 3-5	11/20/2015 10:28:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-001C	B-1 3-5	11/20/2015 10:28:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-001C	B-1 3-5	11/20/2015 10:28:00AM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-002A	B-1 13-15	11/20/2015 10:46:00AM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-002B	B-1 13-15	11/20/2015 10:46:00AM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-002B	B-1 13-15	11/20/2015 10:46:00AM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-002B	B-1 13-15	11/20/2015 10:46:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-002C	B-1 13-15	11/20/2015 10:46:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-002C	B-1 13-15	11/20/2015 10:46:00AM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-003A	B-1 23-25	11/20/2015 11:56:00AM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-003B	B-1 23-25	11/20/2015 11:56:00AM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-003B	B-1 23-25	11/20/2015 11:56:00AM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-003B	B-1 23-25	11/20/2015 11:56:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-003C	B-1 23-25	11/20/2015 11:56:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-003C	B-1 23-25	11/20/2015 11:56:00AM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-004A	MW-1 3-5	11/20/2015 11:38:00AM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-004B	MW-1 3-5	11/20/2015 11:38:00AM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-004B	MW-1 3-5	11/20/2015 11:38:00AM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-004B	MW-1 3-5	11/20/2015 11:38:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/27/2015
1511M21-004C	MW-1 3-5	11/20/2015 11:38:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-004C	MW-1 3-5	11/20/2015 11:38:00AM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-005A	MW-1 13-15	11/20/2015 11:59:00AM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-005B	MW-1 13-15	11/20/2015 11:59:00AM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-005B	MW-1 13-15	11/20/2015 11:59:00AM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-005B	MW-1 13-15	11/20/2015 11:59:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-005C	MW-1 13-15	11/20/2015 11:59:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Lab Order: 1511M21

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1511M21-005C	MW-1 13-15	11/20/2015 11:59:00AM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-006A	MW-1 18-20	11/20/2015 12:10:00PM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-006B	MW-1 18-20	11/20/2015 12:10:00PM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-006B	MW-1 18-20	11/20/2015 12:10:00PM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-006B	MW-1 18-20	11/20/2015 12:10:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-006C	MW-1 18-20	11/20/2015 12:10:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-006C	MW-1 18-20	11/20/2015 12:10:00PM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-007A	MW-2 3-5	11/20/2015 1:24:00PM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-007B	MW-2 3-5	11/20/2015 1:24:00PM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-007B	MW-2 3-5	11/20/2015 1:24:00PM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-007B	MW-2 3-5	11/20/2015 1:24:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-007C	MW-2 3-5	11/20/2015 1:24:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-007C	MW-2 3-5	11/20/2015 1:24:00PM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-008A	MW-2 18-20	11/20/2015 1:54:00PM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-008B	MW-2 18-20	11/20/2015 1:54:00PM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-008B	MW-2 18-20	11/20/2015 1:54:00PM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-008B	MW-2 18-20	11/20/2015 1:54:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-008C	MW-2 18-20	11/20/2015 1:54:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-008C	MW-2 18-20	11/20/2015 1:54:00PM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-009A	MW-3 3-5	11/21/2015 11:13:00AM	Soil	TCL VOLATILE ORGANICS		11/25/2015 10:44:00AM	11/25/2015
1511M21-009B	MW-3 3-5	11/21/2015 11:13:00AM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-009B	MW-3 3-5	11/21/2015 11:13:00AM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-009B	MW-3 3-5	11/21/2015 11:13:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-009C	MW-3 3-5	11/21/2015 11:13:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-009C	MW-3 3-5	11/21/2015 11:13:00AM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-010A	MW-4 3-5	11/21/2015 11:59:00AM	Soil	TCL VOLATILE ORGANICS		11/24/2015 10:39:00AM	11/25/2015
1511M21-010B	MW-4 3-5	11/21/2015 11:59:00AM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-010B	MW-4 3-5	11/21/2015 11:59:00AM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-010B	MW-4 3-5	11/21/2015 11:59:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Lab Order: 1511M21

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1511M21-010C	MW-4 3-5	11/21/2015 11:59:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-010C	MW-4 3-5	11/21/2015 11:59:00AM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-011A	MW-4 8-10	11/21/2015 12:13:00PM	Soil	TCL VOLATILE ORGANICS		11/24/2015 10:39:00AM	11/25/2015
1511M21-011B	MW-4 8-10	11/21/2015 12:13:00PM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-011B	MW-4 8-10	11/21/2015 12:13:00PM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-011B	MW-4 8-10	11/21/2015 12:13:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/25/2015 9:00:00AM	11/25/2015
1511M21-011C	MW-4 8-10	11/21/2015 12:13:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-011C	MW-4 8-10	11/21/2015 12:13:00PM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-012A	MW-4 13-15	11/21/2015 12:25:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511M21-012B	MW-4 13-15	11/21/2015 12:25:00PM	Soil	TOTAL METALS BY ICP		11/25/2015 1:43:00PM	11/25/2015
1511M21-012B	MW-4 13-15	11/21/2015 12:25:00PM	Soil	MERCURY		11/24/2015 10:21:00AM	11/24/2015
1511M21-012B	MW-4 13-15	11/21/2015 12:25:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511M21-012C	MW-4 13-15	11/21/2015 12:25:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511M21-012C	MW-4 13-15	11/21/2015 12:25:00PM	Soil	PERCENT MOISTURE			11/30/2015
1511M21-013A	TRIP BLANK	11/23/2015 12:00:00AM	Aqueous	TCL VOLATILE ORGANICS		11/30/2015 4:28:00PM	12/01/2015

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216343**

Sample ID: **MB-216343** Client ID: Units: **mg/Kg** Prep Date: **11/24/2015** Run No: **305081**
SampleType: **MBLK** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216343** Analysis Date: **11/24/2015** Seq No: **6535825**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-216343** Client ID: Units: **mg/Kg** Prep Date: **11/24/2015** Run No: **305081**
SampleType: **LCS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216343** Analysis Date: **11/24/2015** Seq No: **6535826**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3795	0.100	0.4000		94.9	80	120				

Sample ID: **1511M21-001BMS** Client ID: **B-1 3-5** Units: **mg/Kg-dry** Prep Date: **11/24/2015** Run No: **305081**
SampleType: **MS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216343** Analysis Date: **11/24/2015** Seq No: **6535828**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.5007	0.120	0.4784	0.05085	94.0	70	130				

Sample ID: **1511M21-001BMSD** Client ID: **B-1 3-5** Units: **mg/Kg-dry** Prep Date: **11/24/2015** Run No: **305081**
SampleType: **MSD** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216343** Analysis Date: **11/24/2015** Seq No: **6535829**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.5503	0.120	0.4784	0.05085	104	70	130	0.5007	9.44	30	

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216373

Sample ID: **MB-216373** Client ID: Units: **ug/Kg** Prep Date: **11/24/2015** Run No: **305094**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216373** Analysis Date: **11/24/2015** Seq No: **6536862**

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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216373

Sample ID: **MB-216373** Client ID: Units: **ug/Kg** Prep Date: **11/24/2015** Run No: **305094**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216373** Analysis Date: **11/24/2015** Seq No: **6536862**

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	43.51	0	50.00		87.0	70	128				
Surr: Dibromofluoromethane	49.64	0	50.00		99.3	78.2	128				
Surr: Toluene-d8	44.83	0	50.00		89.7	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216373

Sample ID: **LCS-216373** Client ID: Units: **ug/Kg** Prep Date: **11/24/2015** Run No: **305094**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216373** Analysis Date: **11/24/2015** Seq No: **6536861**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	58.01	5.0	50.00		116	69.9	145				
Benzene	51.06	5.0	50.00		102	72.3	130				
Chlorobenzene	52.31	5.0	50.00		105	69	130				
Toluene	51.54	5.0	50.00		103	71.1	130				
Trichloroethene	55.59	5.0	50.00		111	71.7	136				
Surr: 4-Bromofluorobenzene	50.92	0	50.00		102	70	128				
Surr: Dibromofluoromethane	51.17	0	50.00		102	78.2	128				
Surr: Toluene-d8	50.72	0	50.00		101	76.5	116				

Sample ID: **1511M34-004AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/24/2015** Run No: **305094**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216373** Analysis Date: **11/24/2015** Seq No: **6536864**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.06962	0.0061	60.66		115	56.6	151				
Benzene	0.05760	0.0061	60.66		95.0	70.4	130				
Chlorobenzene	0.05997	0.0061	60.66		98.9	67.5	132				
Toluene	0.05867	0.0061	60.66		96.7	70.4	130				
Trichloroethene	0.06225	0.0061	60.66		103	70.1	137				
Surr: 4-Bromofluorobenzene	0.06037	0	60.66		99.5	70	128				
Surr: Dibromofluoromethane	0.06027	0	60.66		99.4	78.2	128				
Surr: Toluene-d8	0.06012	0	60.66		99.1	76.5	116				

Sample ID: **1511M34-004AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/24/2015** Run No: **305094**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216373** Analysis Date: **11/24/2015** Seq No: **6536866**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.07285	0.0061	60.66		120	56.6	151	69.62	4.53	20.4	
Benzene	0.06113	0.0061	60.66		101	70.4	130	57.60	5.95	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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216373**

Sample ID: **1511M34-004AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/24/2015** Run No: **305094**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216373** Analysis Date: **11/24/2015** Seq No: **6536866**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	0.06000	0.0061	60.66		98.9	67.5	132	59.97	0.061	14.6	
Toluene	0.05958	0.0061	60.66		98.2	70.4	130	58.67	1.54	16.6	
Trichloroethene	0.06442	0.0061	60.66		106	70.1	137	62.25	3.43	17	
Surr: 4-Bromofluorobenzene	0.06192	0	60.66		102	70	128	60.37	0	0	
Surr: Dibromofluoromethane	0.06210	0	60.66		102	78.2	128	60.27	0	0	
Surr: Toluene-d8	0.06009	0	60.66		99.1	76.5	116	60.12	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216377

Sample ID: **MB-216377** Client ID: Units: **ug/Kg** Prep Date: **11/25/2015** Run No: **305201**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216377** Analysis Date: **11/25/2015** Seq No: **6538102**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3´-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									

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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216377

Sample ID: **MB-216377**	Client ID:	Units: **ug/Kg**	Prep Date: **11/25/2015**	Run No: **305201**
SampleType: **MBLK**	TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D**	BatchID: **216377**	Analysis Date: **11/25/2015**	Seq No: **6538102**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									

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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216377**

Sample ID: **MB-216377** Client ID: Units: **ug/Kg** Prep Date: **11/25/2015** Run No: **305201**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216377** Analysis Date: **11/25/2015** Seq No: **6538102**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	3001	0	3333		90.0	41	128				
Surr: 2-Fluorobiphenyl	1631	0	1667		97.9	47	120				
Surr: 2-Fluorophenol	3244	0	3333		97.3	38.3	120				
Surr: 4-Terphenyl-d14	1888	0	1667		113	51.4	125				
Surr: Nitrobenzene-d5	1749	0	1667		105	40.1	120				
Surr: Phenol-d5	3580	0	3333		107	40.3	120				

Sample ID: **LCS-216377** Client ID: Units: **ug/Kg** Prep Date: **11/25/2015** Run No: **305201**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216377** Analysis Date: **11/25/2015** Seq No: **6538103**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3038	330	3333		91.1	56.9	120				
2-Chlorophenol	3113	330	3333		93.4	51	120				
4-Chloro-3-methylphenol	3456	330	3333		104	54	120				
4-Nitrophenol	3239	1700	3333		97.2	40.7	120				
Acenaphthene	3370	330	3333		101	57.9	120				
N-Nitrosodi-n-propylamine	3821	330	3333		115	56.5	124				

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

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216377

Sample ID: **LCS-216377** Client ID: Units: **ug/Kg** Prep Date: **11/25/2015** Run No: **305201**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216377** Analysis Date: **11/25/2015** Seq No: **6538103**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	1731	1700	3333		51.9	41.8	120				
Phenol	3117	330	3333		93.5	50.1	120				
Pyrene	3709	330	3333		111	59.4	120				
Surr: 2,4,6-Tribromophenol	3209	0	3333		96.3	41	128				
Surr: 2-Fluorobiphenyl	1629	0	1667		97.7	47	120				
Surr: 2-Fluorophenol	2996	0	3333		89.9	38.3	120				
Surr: 4-Terphenyl-d14	1755	0	1667		105	51.4	125				
Surr: Nitrobenzene-d5	1667	0	1667		100	40.1	120				
Surr: Phenol-d5	3567	0	3333		107	40.3	120				

Sample ID: **1511N06-008BMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305201**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216377** Analysis Date: **11/25/2015** Seq No: **6539445**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3.131	0.38	3869		80.9	41.7	120				
2-Chlorophenol	3.204	0.38	3869		82.8	42.9	120				
4-Chloro-3-methylphenol	3.579	0.38	3869		92.5	41.1	120				
4-Nitrophenol	2.870	2.0	3869		74.2	32	120				
Acenaphthene	3.388	0.38	3869		87.6	51.5	120				
N-Nitrosodi-n-propylamine	3.815	0.38	3869		98.6	50.2	120				
Pentachlorophenol	2.188	2.0	3869		56.5	38.4	120				
Phenol	3.282	0.38	3869		84.8	41.5	120				
Pyrene	3.622	0.38	3869		93.6	45.2	120				
Surr: 2,4,6-Tribromophenol	3.169	0	3869		81.9	41	128				
Surr: 2-Fluorobiphenyl	1.709	0	1935		88.3	47	120				
Surr: 2-Fluorophenol	2.895	0	3869		74.8	38.3	120				
Surr: 4-Terphenyl-d14	1.740	0	1935		89.9	51.4	125				
Surr: Nitrobenzene-d5	1.813	0	1935		93.7	40.1	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216377**

Sample ID: **1511N06-008BMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305201**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216377** Analysis Date: **11/25/2015** Seq No: **6539445**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	3.606	0	3869		93.2	40.3	120				

Sample ID: **1511N06-008BMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305201**
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216377** Analysis Date: **11/25/2015** Seq No: **6539446**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3.281	0.38	3869		84.8	41.7	120	3131	4.69	33.1	
2-Chlorophenol	3.375	0.38	3869		87.2	42.9	120	3204	5.21	30.7	
4-Chloro-3-methylphenol	3.959	0.38	3869		102	41.1	120	3579	10.1	40.5	
4-Nitrophenol	3.405	2.0	3869		88.0	32	120	2870	17.1	37.9	
Acenaphthene	3.714	0.38	3869		96.0	51.5	120	3388	9.20	26.3	
N-Nitrosodi-n-propylamine	4.043	0.38	3869		104	50.2	120	3815	5.79	34.9	
Pentachlorophenol	2.128	2.0	3869		55.0	38.4	120	2188	2.76	35.9	
Phenol	3.432	0.38	3869		88.7	41.5	120	3282	4.46	37.4	
Pyrene	3.809	0.38	3869		98.4	45.2	120	3622	5.03	35	
Surr: 2,4,6-Tribromophenol	3.431	0	3869		88.7	41	128	3169	0	0	
Surr: 2-Fluorobiphenyl	1.896	0	1935		98.0	47	120	1709	0	0	
Surr: 2-Fluorophenol	3.420	0	3869		88.4	38.3	120	2895	0	0	
Surr: 4-Terphenyl-d14	1.878	0	1935		97.1	51.4	125	1740	0	0	
Surr: Nitrobenzene-d5	1.850	0	1935		95.6	40.1	120	1813	0	0	
Surr: Phenol-d5	3.826	0	3869		98.9	40.3	120	3606	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216411**

Sample ID: **MB-216411** Client ID: Units: **mg/Kg** Prep Date: **11/25/2015** Run No: **305261**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216411** Analysis Date: **11/25/2015** Seq No: **6539838**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID: **LCS-216411** Client ID: Units: **mg/Kg** Prep Date: **11/25/2015** Run No: **305261**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216411** Analysis Date: **11/25/2015** Seq No: **6539839**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	49.76	5.00	50.00		99.5	80	120				
Barium	50.13	5.00	50.00		100	80	120				
Cadmium	49.22	2.50	50.00		98.4	80	120				
Chromium	50.93	2.50	50.00	0.09351	102	80	120				
Lead	49.34	5.00	50.00		98.7	80	120				
Selenium	49.47	5.00	50.00		98.9	80	120				
Silver	4.892	2.50	5.000		97.8	80	120				

Sample ID: **1511M21-007BMS** Client ID: **MW-2 3-5** Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305261**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216411** Analysis Date: **11/25/2015** Seq No: **6539841**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	47.46	5.13	51.25		92.6	75	125				
Barium	123.0	5.13	51.25	73.87	95.8	75	125				
Cadmium	49.59	2.56	51.25		96.8	75	125				
Chromium	61.65	2.56	51.25	10.79	99.2	75	125				

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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216411**

Sample ID: **1511M21-007BMS** Client ID: **MW-2 3-5** Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305261**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **216411** Analysis Date: **11/25/2015** Seq No: **6539841**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	56.23	5.13	51.25	9.975	90.2	75	125				
Selenium	46.81	5.13	51.25	0.4649	90.4	75	125				
Silver	4.847	2.56	5.125	0.03534	93.9	75	125				

Sample ID: **1511M21-007BMSD** Client ID: **MW-2 3-5** Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305261**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010C** BatchID: **216411** Analysis Date: **11/25/2015** Seq No: **6539842**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	47.75	5.12	51.23		93.2	75	125	47.46	0.599	20	
Barium	117.8	5.12	51.23	73.87	85.8	75	125	123.0	4.28	20	
Cadmium	49.87	2.56	51.23		97.3	75	125	49.59	0.575	20	
Chromium	62.16	2.56	51.23	10.79	100	75	125	61.65	0.831	20	
Lead	55.07	5.12	51.23	9.975	88.0	75	125	56.23	2.07	20	
Selenium	48.29	5.12	51.23	0.4649	93.4	75	125	46.81	3.12	20	
Silver	4.942	2.56	5.123	0.03534	95.8	75	125	4.847	1.94	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216441**

Sample ID: **MB-216441** Client ID: Units: **ug/Kg** Prep Date: **11/25/2015** Run No: **305157**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216441** Analysis Date: **11/25/2015** Seq No: **6538178**

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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216441

Sample ID: **MB-216441** Client ID: Units: **ug/Kg** Prep Date: **11/25/2015** Run No: **305157**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216441** Analysis Date: **11/25/2015** Seq No: **6538178**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	42.47	0	50.00		84.9	70	128				
Surr: Dibromofluoromethane	51.97	0	50.00		104	78.2	128				
Surr: Toluene-d8	45.27	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216441

Sample ID: **LCS-216441** Client ID: Units: **ug/Kg** Prep Date: **11/25/2015** Run No: **305157**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216441** Analysis Date: **11/25/2015** Seq No: **6538177**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	68.05	5.0	50.00		136	69.9	145				
Benzene	46.76	5.0	50.00		93.5	72.3	130				
Chlorobenzene	53.04	5.0	50.00		106	69	130				
Toluene	49.59	5.0	50.00		99.2	71.1	130				
Trichloroethene	55.41	5.0	50.00		111	71.7	136				
Surr: 4-Bromofluorobenzene	42.83	0	50.00		85.7	70	128				
Surr: Dibromofluoromethane	48.46	0	50.00		96.9	78.2	128				
Surr: Toluene-d8	44.24	0	50.00		88.5	76.5	116				

Sample ID: **1511M27-002AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305326**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216441** Analysis Date: **11/27/2015** Seq No: **6541215**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.08425	0.0062	61.76		136	56.6	151				
Benzene	0.06754	0.0062	61.76		109	70.4	130				
Chlorobenzene	0.06742	0.0062	61.76		109	67.5	132				
Toluene	0.06815	0.0062	61.76		110	70.4	130				
Trichloroethene	0.06840	0.0062	61.76		111	70.1	137				
Surr: 4-Bromofluorobenzene	0.06365	0	61.76		103	70	128				
Surr: Dibromofluoromethane	0.05932	0	61.76		96.0	78.2	128				
Surr: Toluene-d8	0.06285	0	61.76		102	76.5	116				

Sample ID: **1511M27-002AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305326**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216441** Analysis Date: **11/27/2015** Seq No: **6541216**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.07767	0.0062	61.76		126	56.6	151	84.25	8.12	20.4	
Benzene	0.06410	0.0062	61.76		104	70.4	130	67.54	5.24	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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216441

Sample ID: **1511M27-002AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/25/2015** Run No: **305326**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216441** Analysis Date: **11/27/2015** Seq No: **6541216**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	0.06143	0.0062	61.76		99.5	67.5	132	67.42	9.30	14.6	
Toluene	0.06472	0.0062	61.76		105	70.4	130	68.15	5.17	16.6	
Trichloroethene	0.06500	0.0062	61.76		105	70.1	137	68.40	5.09	17	
Surr: 4-Bromofluorobenzene	0.06358	0	61.76		103	70	128	63.65	0	0	
Surr: Dibromofluoromethane	0.05992	0	61.76		97.0	78.2	128	59.32	0	0	
Surr: Toluene-d8	0.06301	0	61.76		102	76.5	116	62.85	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216500**

Sample ID: **MB-216500** Client ID: Units: **ug/Kg** Prep Date: **11/27/2015** Run No: **305326**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/27/2015** Seq No: **6541214**

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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216500

Sample ID: **MB-216500** Client ID: Units: **ug/Kg** Prep Date: **11/27/2015** Run No: **305326**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/27/2015** Seq No: **6541214**

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	43.97	0	50.00		87.9	70	128				
Surr: Dibromofluoromethane	51.20	0	50.00		102	78.2	128				
Surr: Toluene-d8	45.37	0	50.00		90.7	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		

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216500

Sample ID: **LCS-216500** Client ID: Units: **ug/Kg** Prep Date: **11/27/2015** Run No: **305326**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/27/2015** Seq No: **6541213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	69.98	5.0	50.00		140	69.9	145				
Benzene	55.22	5.0	50.00		110	72.3	130				
Chlorobenzene	52.98	5.0	50.00		106	69	130				
Toluene	56.82	5.0	50.00		114	71.1	130				
Trichloroethene	57.84	5.0	50.00		116	71.7	136				
Surr: 4-Bromofluorobenzene	53.02	0	50.00		106	70	128				
Surr: Dibromofluoromethane	49.15	0	50.00		98.3	78.2	128				
Surr: Toluene-d8	50.52	0	50.00		101	76.5	116				

Sample ID: **1511O23-001AMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/27/2015** Run No: **305393**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/30/2015** Seq No: **6543001**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.06349	0.0060	59.50		107	56.6	151				
Benzene	0.06207	0.0060	59.50		104	70.4	130				
Chlorobenzene	0.05861	0.0060	59.50		98.5	67.5	132				
Toluene	0.06215	0.0060	59.50		104	70.4	130				
Trichloroethene	0.06559	0.0060	59.50		110	70.1	137				
Surr: 4-Bromofluorobenzene	0.06163	0	59.50		104	70	128				
Surr: Dibromofluoromethane	0.05744	0	59.50		96.5	78.2	128				
Surr: Toluene-d8	0.06117	0	59.50		103	76.5	116				

Sample ID: **1511O23-001AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/27/2015** Run No: **305393**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/30/2015** Seq No: **6543002**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.06553	0.0060	59.50		110	56.6	151	63.49	3.17	20.4	
Benzene	0.06208	0.0060	59.50		104	70.4	130	62.07	0.019	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216500**

Sample ID: **1511O23-001AMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/27/2015** Run No: **305393**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/30/2015** Seq No: **6543002**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	0.06206	0.0060	59.50		104	67.5	132	58.61	5.72	14.6	
Toluene	0.06313	0.0060	59.50		106	70.4	130	62.15	1.56	16.6	
Trichloroethene	0.06246	0.0060	59.50		105	70.1	137	65.59	4.89	17	
Surr: 4-Bromofluorobenzene	0.06331	0	59.50		106	70	128	61.63	0	0	
Surr: Dibromofluoromethane	0.05675	0	59.50		95.4	78.2	128	57.44	0	0	
Surr: Toluene-d8	0.05992	0	59.50		101	76.5	116	61.17	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216501

Sample ID: **MB-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544219**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3´-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									

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

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216501

Sample ID: **MB-216501**	Client ID:	Units: **ug/Kg**	Prep Date: **11/30/2015**	Run No: **305450**
SampleType: **MBLK**	TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D**	BatchID: **216501**	Analysis Date: **11/30/2015**	Seq No: **6544219**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									

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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216501**

Sample ID: **MB-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544219**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	3000	0	3333		90.0	41	128				
Surr: 2-Fluorobiphenyl	1531	0	1667		91.9	47	120				
Surr: 2-Fluorophenol	3074	0	3333		92.2	38.3	120				
Surr: 4-Terphenyl-d14	1890	0	1667		113	51.4	125				
Surr: Nitrobenzene-d5	1519	0	1667		91.1	40.1	120				
Surr: Phenol-d5	3422	0	3333		103	40.3	120				

Sample ID: **LCS-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **12/01/2015** Seq No: **6544220**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2623	330	3333		78.7	56.9	120				
2-Chlorophenol	2823	330	3333		84.7	51	120				
4-Chloro-3-methylphenol	3235	330	3333		97.1	54	120				
4-Nitrophenol	2477	1700	3333		74.3	40.7	120				
Acenaphthene	2828	330	3333		84.8	57.9	120				
N-Nitrosodi-n-propylamine	3469	330	3333		104	56.5	124				

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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216501**

Sample ID: **LCS-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **12/01/2015** Seq No: **6544220**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	2162	1700	3333		64.8	41.8	120				
Phenol	2844	330	3333		85.3	50.1	120				
Pyrene	3443	330	3333		103	59.4	120				
Surr: 2,4,6-Tribromophenol	2694	0	3333		80.8	41	128				
Surr: 2-Fluorobiphenyl	1357	0	1667		81.4	47	120				
Surr: 2-Fluorophenol	2687	0	3333		80.6	38.3	120				
Surr: 4-Terphenyl-d14	1634	0	1667		98.0	51.4	125				
Surr: Nitrobenzene-d5	1438	0	1667		86.3	40.1	120				
Surr: Phenol-d5	3072	0	3333		92.2	40.3	120				

Sample ID: **1511O44-001BMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305401**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544359**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2.758	0.34	3466		79.6	41.7	120				
2-Chlorophenol	2.478	0.34	3466		71.5	42.9	120				
4-Chloro-3-methylphenol	2.976	0.34	3466		85.9	41.1	120				
4-Nitrophenol	BRL	1.8	3466		51.8	32	120				
Acenaphthene	2.535	0.34	3466		73.1	51.5	120				
N-Nitrosodi-n-propylamine	3.047	0.34	3466		87.9	50.2	120				
Pentachlorophenol	BRL	1.8	3466		9.79	38.4	120				S
Phenol	2.443	0.34	3466		70.5	41.5	120				
Pyrene	2.789	0.34	3466		80.5	45.2	120				
Surr: 2,4,6-Tribromophenol	2.713	0	3466		78.3	41	128				
Surr: 2-Fluorobiphenyl	1.290	0	1733		74.4	47	120				
Surr: 2-Fluorophenol	2.494	0	3466		72.0	38.3	120				
Surr: 4-Terphenyl-d14	1.475	0	1733		85.1	51.4	125				
Surr: Nitrobenzene-d5	1.466	0	1733		84.6	40.1	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216501**

Sample ID: **1511O44-001BMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305401**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544359**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	2.734	0	3466		78.9	40.3	120				

Sample ID: **1511O44-001BMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305401**
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544360**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2.870	0.34	3466		82.8	41.7	120	2758	4.00	33.1	
2-Chlorophenol	2.597	0.34	3466		74.9	42.9	120	2478	4.69	30.7	
4-Chloro-3-methylphenol	3.063	0.34	3466		88.4	41.1	120	2976	2.88	40.5	
4-Nitrophenol	BRL	1.8	3466		49.1	32	120	1794	0	37.9	
Acenaphthene	2.721	0.34	3466		78.5	51.5	120	2535	7.10	26.3	
N-Nitrosodi-n-propylamine	3.216	0.34	3466		92.8	50.2	120	3047	5.40	34.9	
Pentachlorophenol	BRL	1.8	3466		9.49	38.4	120	339.3	0	35.9	S
Phenol	2.475	0.34	3466		71.4	41.5	120	2443	1.31	37.4	
Pyrene	2.813	0.34	3466		81.2	45.2	120	2789	0.854	35	
Surr: 2,4,6-Tribromophenol	2.686	0	3466		77.5	41	128	2713	0	0	
Surr: 2-Fluorobiphenyl	1.394	0	1733		80.5	47	120	1290	0	0	
Surr: 2-Fluorophenol	2.449	0	3466		70.7	38.3	120	2494	0	0	
Surr: 4-Terphenyl-d14	1.493	0	1733		86.1	51.4	125	1475	0	0	
Surr: Nitrobenzene-d5	1.563	0	1733		90.2	40.1	120	1466	0	0	
Surr: Phenol-d5	2.723	0	3466		78.6	40.3	120	2734	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: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216509**

Sample ID: **LCS-216509** Client ID: Units: **pH Units** Prep Date: **11/27/2015** Run No: **305321**
SampleType: **LCS** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216509** Analysis Date: **11/27/2015** Seq No: **6541085**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	7.020	0.01	7.000		100	90	110				

Sample ID: **1511M21-001CDUP** Client ID: **B-1 3-5** Units: **pH Units** Prep Date: **11/27/2015** Run No: **305321**
SampleType: **DUP** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216509** Analysis Date: **11/27/2015** Seq No: **6541106**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	2.140	0.01						2.160	0.930	10	H

Sample ID: **1511M21-011CDUP** Client ID: **MW-4 8-10** Units: **pH Units** Prep Date: **11/27/2015** Run No: **305321**
SampleType: **DUP** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216509** Analysis Date: **11/27/2015** Seq No: **6541107**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	3.890	0.01						3.880	0.257	10	H

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

Date: 3-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216605

Sample ID: **MB-216605** Client ID: Units: **ug/L** Prep Date: **11/30/2015** Run No: **305467**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216605** Analysis Date: **11/30/2015** Seq No: **6545002**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

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

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: 216605

Sample ID: **MB-216605** Client ID: Units: **ug/L** Prep Date: **11/30/2015** Run No: **305467**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216605** Analysis Date: **11/30/2015** Seq No: **6545002**

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	46.31	0	50.00		92.6	70.7	125				
Surr: Dibromofluoromethane	48.65	0	50.00		97.3	82.2	120				
Surr: Toluene-d8	49.33	0	50.00		98.7	81.8	120				

Qualifiers:

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

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216605**

Sample ID: **LCS-216605** Client ID: Units: **ug/L** Prep Date: **11/30/2015** Run No: **305467**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216605** Analysis Date: **11/30/2015** Seq No: **6545001**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	58.02	5.0	50.00		116	64.2	137				
Benzene	55.63	5.0	50.00		111	72.8	128				
Chlorobenzene	52.35	5.0	50.00		105	72.3	126				
Toluene	54.79	5.0	50.00		110	74.9	127				
Trichloroethene	53.33	5.0	50.00		107	70.5	134				
Surr: 4-Bromofluorobenzene	45.93	0	50.00		91.9	70.7	125				
Surr: Dibromofluoromethane	48.19	0	50.00		96.4	82.2	120				
Surr: Toluene-d8	48.45	0	50.00		96.9	81.8	120				

Sample ID: **1511N80-021AMS** Client ID: Units: **ug/L** Prep Date: **11/30/2015** Run No: **305467**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216605** Analysis Date: **11/30/2015** Seq No: **6545016**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.43	5.0	50.00		107	60.5	156				
Benzene	53.18	5.0	50.00		106	70	135				
Chlorobenzene	48.46	5.0	50.00		96.9	70.5	132				
Toluene	52.58	5.0	50.00		105	70.5	137				
Trichloroethene	52.27	5.0	50.00		105	71.8	139				
Surr: 4-Bromofluorobenzene	45.22	0	50.00		90.4	70.7	125				
Surr: Dibromofluoromethane	48.39	0	50.00		96.8	82.2	120				
Surr: Toluene-d8	49.57	0	50.00		99.1	81.8	120				

Sample ID: **1511N80-021AMSD** Client ID: Units: **ug/L** Prep Date: **11/30/2015** Run No: **305467**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216605** Analysis Date: **11/30/2015** Seq No: **6545017**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.25	5.0	50.00		110	60.5	156	53.43	3.35	20	
Benzene	53.44	5.0	50.00		107	70	135	53.18	0.488	20	

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

Analytical Environmental Services, Inc

Date: 3-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Midtown
Workorder: 1511M21

ANALYTICAL QC SUMMARY REPORT

BatchID: **216605**

Sample ID: **1511N80-021AMSD** Client ID: Units: **ug/L** Prep Date: **11/30/2015** Run No: **305467**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216605** Analysis Date: **11/30/2015** Seq No: **6545017**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	49.81	5.0	50.00		99.6	70.5	132	48.46	2.75	20	
Toluene	51.85	5.0	50.00		104	70.5	137	52.58	1.40	20	
Trichloroethene	51.83	5.0	50.00		104	71.8	139	52.27	0.845	20	
Surr: 4-Bromofluorobenzene	46.07	0	50.00		92.1	70.7	125	45.22	0	0	
Surr: Dibromofluoromethane	47.92	0	50.00		95.8	82.2	120	48.39	0	0	
Surr: Toluene-d8	48.78	0	50.00		97.6	81.8	120	49.57	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		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 04, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

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

RE: Allied Services

Dear Michael Haller: Order No: 1511O23

Analytical Environmental Services, Inc. received 13 samples on 11/25/2015 9:43:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

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

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

Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1511023

Date: _____ Page _____ of _____

COMPANY: Sailors Eng. Assoc
ADDRESS: 1675 Spectrum Dr Lawrenceville, GA 30043
PHONE: 770-962-5922
FAX:
SAMPLED BY: Michael Short
SIGNATURE: Michael Short

ANALYSIS REQUESTED: VOC, SVOC, RCRA Metals, PH

PRESERVATION (See codes): None, Ice, Ice, Ice

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC	SVOC	RCRA Metals	PH	REMARKS	No # of Containers
1	MW-5 3-5	11/23	11:11	✓		SO	✓	✓	✓	✓	Not enough soil to fill 4oz Jar	5
2	MW-5 8-10	11/23	11:19	✓		SO	✓	✓	✓	✓		5
3	B-2 2-5	11/23	15:08	✓		SO	✓	✓	✓	✓		5
4	B-2 8-10	11/23	15:20	✓		SO	✓	✓	✓	✓		5
5	B-2 13-15	11/23	15:30	✓		SO	✓	✓	✓	✓		5
6	B-3 3-5	11/23	16:36	✓		SO	✓	✓	✓	✓		5
7	B-3 8-10	11/23	16:43	✓		SO	✓	✓	✓	✓		5
8	MW-6 3-5	11/24	11:37	✓		SO	✓	✓	✓	✓		5
9	MW-6 8-10	11/24	11:48	✓		SO	✓	✓	✓	✓		5
10	B-4 3-5	11/24	14:30	✓		SO	✓	✓	✓	✓	Meth VOA, No ~~[illegible]~~ No weight	5
11	B-4 8-10	11/24	14:40	✓		SO	✓	✓	✓	✓	"	5
12	B-5 3-5	11/24	15:25	✓		SO	✓	✓	✓	✓	"	5
13	B-5 8-10	11/24	15:34	✓		SO	✓	✓	✓	✓	"	5
14	Trip Blank	11/24				W	✓					2

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Michael Short	11/25/15 9:43	1: Nadia Cajle	11/25/15 9:43AM
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS: There are 4 samples without weighted MeOH VOAs that have to be processed within 24hrs

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

PROJECT INFORMATION
PROJECT NAME: USA Ready Mix
PROJECT #: 152-079
SITE ADDRESS: 340 Armour Dr NW
SEND REPORT TO: Mike Hallex
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 67

Turnaround Time Request
- ✓ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

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

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 4-Dec-15

Client: Sailors Engineering Associates
Project: Allied Services
Lab ID: 1511O23

Case Narrative

Sample B-5 3-5 was listed on the COC but wasn't received at lab.

Sample Receiving Nonconformance:

Meoh Preserved soil vials in accordance with Method 5035 were not received for sample(s) [-010, 011 and -012]. Preserved soil vials were prepared at the laboratory from the sample jar.

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 11:11:00 AM
Lab ID:	1511O23-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.119		mg/Kg-dry	216584	1	12/01/2015 11:32	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2,4,6-Trichlorophenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2,4-Dichlorophenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2,4-Dimethylphenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2,4-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2,6-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2-Chloronaphthalene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2-Chlorophenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2-Methylnaphthalene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2-Methylphenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
2-Nitrophenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
3,3´-Dichlorobenzidine	BRL	0.80		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
4-Bromophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
4-Chloro-3-methylphenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
4-Chloroaniline	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
4-Chlorophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
4-Methylphenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Acenaphthene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Acenaphthylene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Acetophenone	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Anthracene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Atrazine	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Benz(a)anthracene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Benzaldehyde	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Benzo(a)pyrene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Benzo(b)fluoranthene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Benzo(g,h,i)perylene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Benzo(k)fluoranthene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Bis(2-chloroethoxy)methane	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Bis(2-chloroethyl)ether	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Bis(2-chloroisopropyl)ether	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 11:11:00 AM
Lab ID:	1511O23-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Butyl benzyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Caprolactam	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Carbazole	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Chrysene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Di-n-butyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Di-n-octyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Dibenz(a,h)anthracene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Dibenzofuran	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Diethyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Dimethyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Fluoranthene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Fluorene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Hexachlorobenzene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Hexachlorobutadiene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Hexachlorocyclopentadiene	BRL	0.79		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Hexachloroethane	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Indeno(1,2,3-cd)pyrene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Isophorone	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
N-Nitrosodi-n-propylamine	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
N-Nitrosodiphenylamine	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Naphthalene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Nitrobenzene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Phenanthrene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Phenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Pyrene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 19:01	YH
Surr: 2,4,6-Tribromophenol	73.9	41-128		%REC	216501	1	11/30/2015 19:01	YH
Surr: 2-Fluorobiphenyl	83	47-120		%REC	216501	1	11/30/2015 19:01	YH
Surr: 2-Fluorophenol	80.8	38.3-120		%REC	216501	1	11/30/2015 19:01	YH
Surr: 4-Terphenyl-d14	84.8	51.4-125		%REC	216501	1	11/30/2015 19:01	YH
Surr: Nitrobenzene-d5	81	40.1-120		%REC	216501	1	11/30/2015 19:01	YH
Surr: Phenol-d5	87.6	40.3-120		%REC	216501	1	11/30/2015 19:01	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,1,2,2-Tetrachloroethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,1,2-Trichloroethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,1-Dichloroethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,1-Dichloroethene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,2,4-Trichlorobenzene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 11:11:00 AM
Lab ID:	1511O23-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,2-Dibromoethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,2-Dichlorobenzene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,2-Dichloroethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,2-Dichloropropane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,3-Dichlorobenzene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
1,4-Dichlorobenzene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
2-Butanone	BRL	0.062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
2-Hexanone	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
4-Methyl-2-pentanone	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Acetone	BRL	0.12		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Benzene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Bromodichloromethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Bromoform	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Bromomethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Carbon disulfide	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Carbon tetrachloride	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Chlorobenzene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Chloroethane	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Chloroform	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Chloromethane	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
cis-1,2-Dichloroethene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
cis-1,3-Dichloropropene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Cyclohexane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Dibromochloromethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Dichlorodifluoromethane	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Ethylbenzene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Freon-113	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Isopropylbenzene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
m,p-Xylene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Methyl acetate	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Methyl tert-butyl ether	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Methylcyclohexane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Methylene chloride	BRL	0.025		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
o-Xylene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Styrene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Tetrachloroethene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Toluene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
trans-1,2-Dichloroethene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
trans-1,3-Dichloropropene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Trichloroethene	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 11:11:00 AM
Lab ID:	1511O23-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0062		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Vinyl chloride	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 17:11	CG
Surr: 4-Bromofluorobenzene	85.9	70-128		%REC	216500	1	11/27/2015 17:11	CG
Surr: Dibromofluoromethane	98	78.2-128		%REC	216500	1	11/27/2015 17:11	CG
Surr: Toluene-d8	92.3	76.5-116		%REC	216500	1	11/27/2015 17:11	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.84	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	101	5.59		mg/Kg-dry	216527	1	11/30/2015 15:57	IO
Barium	78.1	5.59		mg/Kg-dry	216527	1	11/30/2015 15:57	IO
Cadmium	BRL	2.80		mg/Kg-dry	216527	1	11/30/2015 15:57	IO
Chromium	39.1	2.80		mg/Kg-dry	216527	1	11/30/2015 15:57	IO
Lead	49.1	5.59		mg/Kg-dry	216527	1	11/30/2015 15:57	IO
Selenium	BRL	5.59		mg/Kg-dry	216527	1	11/30/2015 15:57	IO
Silver	BRL	2.80		mg/Kg-dry	216527	1	11/30/2015 15:57	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.0	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 11:19:00 AM
Lab ID:	1511O23-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.105		mg/Kg-dry	216584	1	12/01/2015 11:43	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2,4,5-Trichlorophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2,4,6-Trichlorophenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2,4-Dichlorophenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2,4-Dimethylphenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2,4-Dinitrophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2,4-Dinitrotoluene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2,6-Dinitrotoluene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2-Chloronaphthalene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2-Chlorophenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2-Methylnaphthalene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2-Methylphenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
2-Nitrophenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
3,3´-Dichlorobenzidine	BRL	0.75		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
3-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
4,6-Dinitro-2-methylphenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
4-Bromophenyl phenyl ether	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
4-Chloro-3-methylphenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
4-Chloroaniline	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
4-Chlorophenyl phenyl ether	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
4-Methylphenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
4-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
4-Nitrophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Acenaphthene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Acenaphthylene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Acetophenone	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Anthracene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Atrazine	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Benz(a)anthracene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Benzaldehyde	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Benzo(a)pyrene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Benzo(b)fluoranthene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Benzo(g,h,i)perylene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Benzo(k)fluoranthene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Bis(2-chloroethoxy)methane	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Bis(2-chloroethyl)ether	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Bis(2-chloroisopropyl)ether	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 11:19:00 AM
Lab ID:	1511O23-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Butyl benzyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Caprolactam	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Carbazole	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Chrysene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Di-n-butyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Di-n-octyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Dibenz(a,h)anthracene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Dibenzofuran	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Diethyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Dimethyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Fluoranthene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Fluorene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Hexachlorobenzene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Hexachlorobutadiene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Hexachlorocyclopentadiene	BRL	0.74		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Hexachloroethane	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Indeno(1,2,3-cd)pyrene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Isophorone	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
N-Nitrosodi-n-propylamine	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
N-Nitrosodiphenylamine	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Naphthalene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Nitrobenzene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Pentachlorophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Phenanthrene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Phenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Pyrene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 19:28	YH
Surr: 2,4,6-Tribromophenol	71	41-128		%REC	216501	1	11/30/2015 19:28	YH
Surr: 2-Fluorobiphenyl	77.4	47-120		%REC	216501	1	11/30/2015 19:28	YH
Surr: 2-Fluorophenol	74.7	38.3-120		%REC	216501	1	11/30/2015 19:28	YH
Surr: 4-Terphenyl-d14	91.3	51.4-125		%REC	216501	1	11/30/2015 19:28	YH
Surr: Nitrobenzene-d5	80	40.1-120		%REC	216501	1	11/30/2015 19:28	YH
Surr: Phenol-d5	86.6	40.3-120		%REC	216501	1	11/30/2015 19:28	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,1,2,2-Tetrachloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,1,2-Trichloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,1-Dichloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,1-Dichloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,2,4-Trichlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 11:19:00 AM
Lab ID:	1511O23-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,2-Dibromoethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,2-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,2-Dichloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,2-Dichloropropane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,3-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
1,4-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
2-Butanone	BRL	0.055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
2-Hexanone	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Acetone	BRL	0.11		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Benzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Bromodichloromethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Bromoform	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Bromomethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Carbon disulfide	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Carbon tetrachloride	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Chlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Chloroethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Chloroform	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Chloromethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
cis-1,2-Dichloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
cis-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Cyclohexane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Dibromochloromethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Ethylbenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Freon-113	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Isopropylbenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
m,p-Xylene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Methyl acetate	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Methyl tert-butyl ether	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Methylcyclohexane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Methylene chloride	BRL	0.022		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
o-Xylene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Styrene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Tetrachloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Toluene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
trans-1,2-Dichloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
trans-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Trichloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 11:19:00 AM
Lab ID:	1511O23-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Vinyl chloride	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 17:35	CG
Surr: 4-Bromofluorobenzene	87.6	70-128		%REC	216500	1	11/27/2015 17:35	CG
Surr: Dibromofluoromethane	99.6	78.2-128		%REC	216500	1	11/27/2015 17:35	CG
Surr: Toluene-d8	93.7	76.5-116		%REC	216500	1	11/27/2015 17:35	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	3.96	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.35		mg/Kg-dry	216527	1	11/30/2015 15:36	IO
Barium	144	5.35		mg/Kg-dry	216527	1	11/30/2015 15:36	IO
Cadmium	BRL	2.67		mg/Kg-dry	216527	1	11/30/2015 15:36	IO
Chromium	16.8	2.67		mg/Kg-dry	216527	1	11/30/2015 15:36	IO
Lead	10.1	5.35		mg/Kg-dry	216527	1	11/30/2015 15:36	IO
Selenium	BRL	5.35		mg/Kg-dry	216527	1	11/30/2015 15:36	IO
Silver	BRL	2.67		mg/Kg-dry	216527	1	11/30/2015 15:36	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.5	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:08:00 PM
Lab ID:	1511O23-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	172	58.7		mg/Kg-dry	216584	500	12/01/2015 13:01	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2,4,5-Trichlorophenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2,4,6-Trichlorophenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2,4-Dichlorophenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2,4-Dimethylphenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2,4-Dinitrophenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2,4-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2,6-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2-Chloronaphthalene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2-Chlorophenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2-Methylnaphthalene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2-Methylphenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2-Nitroaniline	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
2-Nitrophenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
3,3´-Dichlorobenzidine	BRL	0.81		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
3-Nitroaniline	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
4,6-Dinitro-2-methylphenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
4-Bromophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
4-Chloro-3-methylphenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
4-Chloroaniline	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
4-Chlorophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
4-Methylphenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
4-Nitroaniline	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
4-Nitrophenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Acenaphthene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Acenaphthylene	0.65	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Acetophenone	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Anthracene	1.1	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Atrazine	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Benz(a)anthracene	4.4	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Benzaldehyde	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Benzo(a)pyrene	3.9	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Benzo(b)fluoranthene	5.1	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Benzo(g,h,i)perylene	3.3	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Benzo(k)fluoranthene	1.9	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Bis(2-chloroethoxy)methane	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Bis(2-chloroethyl)ether	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Bis(2-chloroisopropyl)ether	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:08:00 PM
Lab ID:	1511O23-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Butyl benzyl phthalate	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Caprolactam	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Carbazole	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Chrysene	4.8	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Di-n-butyl phthalate	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Di-n-octyl phthalate	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Dibenz(a,h)anthracene	0.62	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Dibenzofuran	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Diethyl phthalate	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Dimethyl phthalate	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Fluoranthene	11	4.0		mg/Kg-dry	216501	10	12/01/2015 20:28	YH
Fluorene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Hexachlorobenzene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Hexachlorobutadiene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Hexachlorocyclopentadiene	BRL	0.80		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Hexachloroethane	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Indeno(1,2,3-cd)pyrene	2.5	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Isophorone	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
N-Nitrosodi-n-propylamine	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
N-Nitrosodiphenylamine	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Naphthalene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Nitrobenzene	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Pentachlorophenol	BRL	2.1		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Phenanthrene	6.7	4.0		mg/Kg-dry	216501	10	12/01/2015 20:28	YH
Phenol	BRL	0.40		mg/Kg-dry	216501	1	11/30/2015 19:56	YH
Pyrene	14	4.0		mg/Kg-dry	216501	10	12/01/2015 20:28	YH
Surr: 2,4,6-Tribromophenol	70	41-128		%REC	216501	1	11/30/2015 19:56	YH
Surr: 2-Fluorobiphenyl	73.3	47-120		%REC	216501	1	11/30/2015 19:56	YH
Surr: 2-Fluorophenol	73.4	38.3-120		%REC	216501	1	11/30/2015 19:56	YH
Surr: 4-Terphenyl-d14	75.5	51.4-125		%REC	216501	1	11/30/2015 19:56	YH
Surr: Nitrobenzene-d5	80.4	40.1-120		%REC	216501	1	11/30/2015 19:56	YH
Surr: Phenol-d5	79.4	40.3-120		%REC	216501	1	11/30/2015 19:56	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,1,2,2-Tetrachloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,1,2-Trichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,1-Dichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,1-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,2,4-Trichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	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-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:08:00 PM
Lab ID:	1511O23-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,2-Dibromoethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,2-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,2-Dichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,2-Dichloropropane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,3-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
1,4-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
2-Butanone	BRL	0.051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
2-Hexanone	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Acetone	BRL	0.10		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Benzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Bromodichloromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Bromoform	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Bromomethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Carbon disulfide	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Carbon tetrachloride	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Chlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Chloroethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Chloroform	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Chloromethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
cis-1,2-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
cis-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Cyclohexane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Dibromochloromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Ethylbenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Freon-113	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Isopropylbenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
m,p-Xylene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Methyl acetate	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Methyl tert-butyl ether	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Methylcyclohexane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Methylene chloride	BRL	0.020		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
o-Xylene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Styrene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Tetrachloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Toluene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
trans-1,2-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
trans-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Trichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:08:00 PM
Lab ID:	1511O23-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Vinyl chloride	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 17:58	CG
Surr: 4-Bromofluorobenzene	85.7	70-128		%REC	216500	1	11/27/2015 17:58	CG
Surr: Dibromofluoromethane	99.9	78.2-128		%REC	216500	1	11/27/2015 17:58	CG
Surr: Toluene-d8	93.2	76.5-116		%REC	216500	1	11/27/2015 17:58	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	3.79	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	1330	5.86		mg/Kg-dry	216527	1	11/30/2015 16:01	IO
Barium	83.8	5.86		mg/Kg-dry	216527	1	11/30/2015 16:01	IO
Cadmium	8.07	2.93		mg/Kg-dry	216527	1	11/30/2015 16:01	IO
Chromium	BRL	2.93		mg/Kg-dry	216527	1	11/30/2015 16:01	IO
Lead	39400	58.6		mg/Kg-dry	216527	10	12/01/2015 12:54	IO
Selenium	76.7	5.86		mg/Kg-dry	216527	1	11/30/2015 16:01	IO
Silver	27.8	2.93		mg/Kg-dry	216527	1	11/30/2015 16:01	IO
PERCENT MOISTURE D2216								
Percent Moisture	17.7	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:20:00 PM
Lab ID:	1511O23-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	1.01	0.108		mg/Kg-dry	216584	1	12/01/2015 11:52	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2,4,6-Trichlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2,4-Dichlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2,4-Dimethylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2,4-Dinitrotoluene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2,6-Dinitrotoluene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2-Chloronaphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2-Chlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2-Methylnaphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2-Methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
2-Nitrophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
3,3´-Dichlorobenzidine	BRL	0.77		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
4-Bromophenyl phenyl ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
4-Chloro-3-methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
4-Chloroaniline	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
4-Chlorophenyl phenyl ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
4-Methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Acenaphthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Acenaphthylene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Acetophenone	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Atrazine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Benz(a)anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Benzaldehyde	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Benzo(a)pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Benzo(b)fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Benzo(g,h,i)perylene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Benzo(k)fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Bis(2-chloroethoxy)methane	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Bis(2-chloroethyl)ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Bis(2-chloroisopropyl)ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:20:00 PM
Lab ID:	1511O23-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Butyl benzyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Caprolactam	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Carbazole	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Chrysene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Di-n-butyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Di-n-octyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Dibenz(a,h)anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Dibenzofuran	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Diethyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Dimethyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Fluorene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Hexachlorobenzene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Hexachlorobutadiene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Hexachlorocyclopentadiene	BRL	0.76		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Hexachloroethane	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Indeno(1,2,3-cd)pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Isophorone	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
N-Nitrosodi-n-propylamine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
N-Nitrosodiphenylamine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Naphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Nitrobenzene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Phenanthrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Phenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 20:23	YH
Surr: 2,4,6-Tribromophenol	77.2	41-128		%REC	216501	1	11/30/2015 20:23	YH
Surr: 2-Fluorobiphenyl	80.1	47-120		%REC	216501	1	11/30/2015 20:23	YH
Surr: 2-Fluorophenol	78.6	38.3-120		%REC	216501	1	11/30/2015 20:23	YH
Surr: 4-Terphenyl-d14	90.6	51.4-125		%REC	216501	1	11/30/2015 20:23	YH
Surr: Nitrobenzene-d5	80.5	40.1-120		%REC	216501	1	11/30/2015 20:23	YH
Surr: Phenol-d5	88.3	40.3-120		%REC	216501	1	11/30/2015 20:23	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,1,2,2-Tetrachloroethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,1,2-Trichloroethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,1-Dichloroethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,1-Dichloroethene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,2,4-Trichlorobenzene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:20:00 PM
Lab ID:	1511O23-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,2-Dibromoethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,2-Dichlorobenzene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,2-Dichloroethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,2-Dichloropropane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,3-Dichlorobenzene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
1,4-Dichlorobenzene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
2-Butanone	BRL	0.037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
2-Hexanone	BRL	0.0074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
4-Methyl-2-pentanone	BRL	0.0074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Acetone	BRL	0.074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Benzene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Bromodichloromethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Bromoform	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Bromomethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Carbon disulfide	BRL	0.0074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Carbon tetrachloride	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Chlorobenzene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Chloroethane	BRL	0.0074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Chloroform	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Chloromethane	BRL	0.0074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
cis-1,2-Dichloroethene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
cis-1,3-Dichloropropene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Cyclohexane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Dibromochloromethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Dichlorodifluoromethane	BRL	0.0074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Ethylbenzene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Freon-113	BRL	0.0074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Isopropylbenzene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
m,p-Xylene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Methyl acetate	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Methyl tert-butyl ether	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Methylcyclohexane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Methylene chloride	BRL	0.015		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
o-Xylene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Styrene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Tetrachloroethene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Toluene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
trans-1,2-Dichloroethene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
trans-1,3-Dichloropropene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Trichloroethene	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:20:00 PM
Lab ID:	1511O23-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0037		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Vinyl chloride	BRL	0.0074		mg/Kg-dry	216500	1	11/27/2015 18:22	CG
Surr: 4-Bromofluorobenzene	88.7	70-128		%REC	216500	1	11/27/2015 18:22	CG
Surr: Dibromofluoromethane	98.9	78.2-128		%REC	216500	1	11/27/2015 18:22	CG
Surr: Toluene-d8	92.3	76.5-116		%REC	216500	1	11/27/2015 18:22	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.31	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	636	5.47		mg/Kg-dry	216527	1	11/30/2015 16:06	IO
Barium	50.7	5.47		mg/Kg-dry	216527	1	11/30/2015 16:06	IO
Cadmium	5.68	2.74		mg/Kg-dry	216527	1	11/30/2015 16:06	IO
Chromium	BRL	2.74		mg/Kg-dry	216527	1	11/30/2015 16:06	IO
Lead	5020	5.47		mg/Kg-dry	216527	1	11/30/2015 16:06	IO
Selenium	BRL	5.47		mg/Kg-dry	216527	1	11/30/2015 16:06	IO
Silver	32.3	2.74		mg/Kg-dry	216527	1	11/30/2015 16:06	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.0	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 13-15
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:30:00 PM
Lab ID:	1511O23-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.251	0.113		mg/Kg-dry	216584	1	12/01/2015 11:54	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2,4,6-Trichlorophenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2,4-Dichlorophenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2,4-Dimethylphenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2,4-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2,6-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2-Chloronaphthalene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2-Chlorophenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2-Methylnaphthalene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2-Methylphenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
2-Nitrophenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
3,3´-Dichlorobenzidine	BRL	0.80		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
4-Bromophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
4-Chloro-3-methylphenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
4-Chloroaniline	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
4-Chlorophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
4-Methylphenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Acenaphthene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Acenaphthylene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Acetophenone	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Anthracene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Atrazine	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Benz(a)anthracene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Benzaldehyde	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Benzo(a)pyrene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Benzo(b)fluoranthene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Benzo(g,h,i)perylene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Benzo(k)fluoranthene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Bis(2-chloroethoxy)methane	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Bis(2-chloroethyl)ether	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Bis(2-chloroisopropyl)ether	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 13-15
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:30:00 PM
Lab ID:	1511O23-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Butyl benzyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Caprolactam	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Carbazole	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Chrysene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Di-n-butyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Di-n-octyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Dibenz(a,h)anthracene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Dibenzofuran	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Diethyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Dimethyl phthalate	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Fluoranthene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Fluorene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Hexachlorobenzene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Hexachlorobutadiene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Hexachlorocyclopentadiene	BRL	0.79		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Hexachloroethane	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Indeno(1,2,3-cd)pyrene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Isophorone	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
N-Nitrosodi-n-propylamine	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
N-Nitrosodiphenylamine	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Naphthalene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Nitrobenzene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Phenanthrene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Phenol	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Pyrene	BRL	0.39		mg/Kg-dry	216501	1	11/30/2015 20:50	YH
Surr: 2,4,6-Tribromophenol	73	41-128		%REC	216501	1	11/30/2015 20:50	YH
Surr: 2-Fluorobiphenyl	70.5	47-120		%REC	216501	1	11/30/2015 20:50	YH
Surr: 2-Fluorophenol	65.4	38.3-120		%REC	216501	1	11/30/2015 20:50	YH
Surr: 4-Terphenyl-d14	87.6	51.4-125		%REC	216501	1	11/30/2015 20:50	YH
Surr: Nitrobenzene-d5	71.1	40.1-120		%REC	216501	1	11/30/2015 20:50	YH
Surr: Phenol-d5	76.4	40.3-120		%REC	216501	1	11/30/2015 20:50	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,1,2,2-Tetrachloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,1,2-Trichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,1-Dichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,1-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,2,4-Trichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 13-15
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:30:00 PM
Lab ID:	1511O23-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,2-Dibromoethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,2-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,2-Dichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,2-Dichloropropane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,3-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
1,4-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
2-Butanone	BRL	0.051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
2-Hexanone	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Acetone	BRL	0.10		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Benzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Bromodichloromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Bromoform	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Bromomethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Carbon disulfide	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Carbon tetrachloride	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Chlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Chloroethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Chloroform	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Chloromethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
cis-1,2-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
cis-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Cyclohexane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Dibromochloromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Ethylbenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Freon-113	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Isopropylbenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
m,p-Xylene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Methyl acetate	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Methyl tert-butyl ether	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Methylcyclohexane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Methylene chloride	BRL	0.020		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
o-Xylene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Styrene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Tetrachloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Toluene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
trans-1,2-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
trans-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Trichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-2 13-15
Project Name:	Allied Services	**Collection Date:**	11/23/2015 3:30:00 PM
Lab ID:	1511O23-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Vinyl chloride	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 18:45	CG
Surr: 4-Bromofluorobenzene	86	70-128		%REC	216500	1	11/27/2015 18:45	CG
Surr: Dibromofluoromethane	98.1	78.2-128		%REC	216500	1	11/27/2015 18:45	CG
Surr: Toluene-d8	91.1	76.5-116		%REC	216500	1	11/27/2015 18:45	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	5.05	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	206	5.88		mg/Kg-dry	216527	1	11/30/2015 16:18	IO
Barium	73.0	5.88		mg/Kg-dry	216527	1	11/30/2015 16:18	IO
Cadmium	BRL	2.94		mg/Kg-dry	216527	1	11/30/2015 16:18	IO
Chromium	6.56	2.94		mg/Kg-dry	216527	1	11/30/2015 16:18	IO
Lead	9.06	5.88		mg/Kg-dry	216527	1	11/30/2015 16:18	IO
Selenium	BRL	5.88		mg/Kg-dry	216527	1	11/30/2015 16:18	IO
Silver	BRL	2.94		mg/Kg-dry	216527	1	11/30/2015 16:18	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.2	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-3 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 4:36:00 PM
Lab ID:	1511O23-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.113		mg/Kg-dry	216584	1	12/01/2015 11:56	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2,4,5-Trichlorophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2,4,6-Trichlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2,4-Dichlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2,4-Dimethylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2,4-Dinitrophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2,4-Dinitrotoluene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2,6-Dinitrotoluene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2-Chloronaphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2-Chlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2-Methylnaphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2-Methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
2-Nitrophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
3,3´-Dichlorobenzidine	BRL	0.76		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
3-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
4,6-Dinitro-2-methylphenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
4-Bromophenyl phenyl ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
4-Chloro-3-methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
4-Chloroaniline	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
4-Chlorophenyl phenyl ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
4-Methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
4-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
4-Nitrophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Acenaphthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Acenaphthylene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Acetophenone	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Atrazine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Benz(a)anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Benzaldehyde	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Benzo(a)pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Benzo(b)fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Benzo(g,h,i)perylene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Benzo(k)fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Bis(2-chloroethoxy)methane	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Bis(2-chloroethyl)ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Bis(2-chloroisopropyl)ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-3 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 4:36:00 PM
Lab ID:	1511O23-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Butyl benzyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Caprolactam	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Carbazole	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Chrysene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Di-n-butyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Di-n-octyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Dibenz(a,h)anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Dibenzofuran	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Diethyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Dimethyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Fluorene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Hexachlorobenzene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Hexachlorobutadiene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Hexachlorocyclopentadiene	BRL	0.75		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Hexachloroethane	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Indeno(1,2,3-cd)pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Isophorone	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
N-Nitrosodi-n-propylamine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
N-Nitrosodiphenylamine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Naphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Nitrobenzene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Pentachlorophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Phenanthrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Phenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:17	YH
Surr: 2,4,6-Tribromophenol	78.2	41-128		%REC	216501	1	11/30/2015 21:17	YH
Surr: 2-Fluorobiphenyl	78.4	47-120		%REC	216501	1	11/30/2015 21:17	YH
Surr: 2-Fluorophenol	70.1	38.3-120		%REC	216501	1	11/30/2015 21:17	YH
Surr: 4-Terphenyl-d14	90	51.4-125		%REC	216501	1	11/30/2015 21:17	YH
Surr: Nitrobenzene-d5	73.1	40.1-120		%REC	216501	1	11/30/2015 21:17	YH
Surr: Phenol-d5	77.1	40.3-120		%REC	216501	1	11/30/2015 21:17	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,1,2,2-Tetrachloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,1,2-Trichloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,1-Dichloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,1-Dichloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,2,4-Trichlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-3 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 4:36:00 PM
Lab ID:	1511O23-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,2-Dibromoethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,2-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,2-Dichloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,2-Dichloropropane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,3-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
1,4-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
2-Butanone	BRL	0.046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
2-Hexanone	BRL	0.0092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
4-Methyl-2-pentanone	BRL	0.0092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Acetone	BRL	0.092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Benzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Bromodichloromethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Bromoform	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Bromomethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Carbon disulfide	BRL	0.0092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Carbon tetrachloride	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Chlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Chloroethane	BRL	0.0092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Chloroform	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Chloromethane	BRL	0.0092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
cis-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
cis-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Cyclohexane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Dibromochloromethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Dichlorodifluoromethane	BRL	0.0092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Ethylbenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Freon-113	BRL	0.0092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Isopropylbenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
m,p-Xylene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Methyl acetate	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Methyl tert-butyl ether	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Methylcyclohexane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Methylene chloride	BRL	0.018		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
o-Xylene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Styrene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Tetrachloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Toluene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
trans-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
trans-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Trichloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-3 3-5
Project Name:	Allied Services	**Collection Date:**	11/23/2015 4:36:00 PM
Lab ID:	1511O23-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Vinyl chloride	BRL	0.0092		mg/Kg-dry	216500	1	11/27/2015 19:09	CG
Surr: 4-Bromofluorobenzene	86.3	70-128		%REC	216500	1	11/27/2015 19:09	CG
Surr: Dibromofluoromethane	102	78.2-128		%REC	216500	1	11/27/2015 19:09	CG
Surr: Toluene-d8	92.8	76.5-116		%REC	216500	1	11/27/2015 19:09	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	7.09	0.01	H	pH Units	216509	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	499	5.27		mg/Kg-dry	216527	1	11/30/2015 16:25	IO
Barium	136	5.27		mg/Kg-dry	216527	1	11/30/2015 16:25	IO
Cadmium	30.6	2.64		mg/Kg-dry	216527	1	11/30/2015 16:25	IO
Chromium	BRL	2.64		mg/Kg-dry	216527	1	11/30/2015 16:25	IO
Lead	33800	52.7		mg/Kg-dry	216527	10	12/01/2015 12:58	IO
Selenium	BRL	5.27		mg/Kg-dry	216527	1	11/30/2015 16:25	IO
Silver	58.3	2.64		mg/Kg-dry	216527	1	11/30/2015 16:25	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.4	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-3 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 4:43:00 PM
Lab ID:	1511O23-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.202	0.101		mg/Kg-dry	216584	1	12/01/2015 11:58	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2,4,6-Trichlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2,4-Dichlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2,4-Dimethylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2,4-Dinitrotoluene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2,6-Dinitrotoluene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2-Chloronaphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2-Chlorophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2-Methylnaphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2-Methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
2-Nitrophenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
3,3´-Dichlorobenzidine	BRL	0.78		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
4-Bromophenyl phenyl ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
4-Chloro-3-methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
4-Chloroaniline	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
4-Chlorophenyl phenyl ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
4-Methylphenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Acenaphthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Acenaphthylene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Acetophenone	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Atrazine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Benz(a)anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Benzaldehyde	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Benzo(a)pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Benzo(b)fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Benzo(g,h,i)perylene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Benzo(k)fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Bis(2-chloroethoxy)methane	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Bis(2-chloroethyl)ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Bis(2-chloroisopropyl)ether	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-3 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 4:43:00 PM
Lab ID:	1511O23-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Butyl benzyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Caprolactam	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Carbazole	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Chrysene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Di-n-butyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Di-n-octyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Dibenz(a,h)anthracene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Dibenzofuran	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Diethyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Dimethyl phthalate	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Fluoranthene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Fluorene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Hexachlorobenzene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Hexachlorobutadiene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Hexachlorocyclopentadiene	BRL	0.77		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Hexachloroethane	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Indeno(1,2,3-cd)pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Isophorone	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
N-Nitrosodi-n-propylamine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
N-Nitrosodiphenylamine	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Naphthalene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Nitrobenzene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Phenanthrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Phenol	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Pyrene	BRL	0.38		mg/Kg-dry	216501	1	11/30/2015 21:45	YH
Surr: 2,4,6-Tribromophenol	74	41-128		%REC	216501	1	11/30/2015 21:45	YH
Surr: 2-Fluorobiphenyl	74.2	47-120		%REC	216501	1	11/30/2015 21:45	YH
Surr: 2-Fluorophenol	79.1	38.3-120		%REC	216501	1	11/30/2015 21:45	YH
Surr: 4-Terphenyl-d14	89.3	51.4-125		%REC	216501	1	11/30/2015 21:45	YH
Surr: Nitrobenzene-d5	74.8	40.1-120		%REC	216501	1	11/30/2015 21:45	YH
Surr: Phenol-d5	83.8	40.3-120		%REC	216501	1	11/30/2015 21:45	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,1,2,2-Tetrachloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,1,2-Trichloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,1-Dichloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,1-Dichloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,2,4-Trichlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-3 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 4:43:00 PM
Lab ID:	1511O23-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,2-Dibromoethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,2-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,2-Dichloroethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,2-Dichloropropane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,3-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
1,4-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
2-Butanone	BRL	0.046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
2-Hexanone	BRL	0.0093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
4-Methyl-2-pentanone	BRL	0.0093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Acetone	BRL	0.093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Benzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Bromodichloromethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Bromoform	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Bromomethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Carbon disulfide	BRL	0.0093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Carbon tetrachloride	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Chlorobenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Chloroethane	BRL	0.0093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Chloroform	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Chloromethane	BRL	0.0093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
cis-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
cis-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Cyclohexane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Dibromochloromethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Dichlorodifluoromethane	BRL	0.0093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Ethylbenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Freon-113	BRL	0.0093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Isopropylbenzene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
m,p-Xylene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Methyl acetate	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Methyl tert-butyl ether	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Methylcyclohexane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Methylene chloride	BRL	0.019		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
o-Xylene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Styrene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Tetrachloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Toluene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
trans-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
trans-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Trichloroethene	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-3 8-10
Project Name:	Allied Services	**Collection Date:**	11/23/2015 4:43:00 PM
Lab ID:	1511O23-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0046		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Vinyl chloride	BRL	0.0093		mg/Kg-dry	216500	1	11/27/2015 19:33	CG
Surr: 4-Bromofluorobenzene	82.1	70-128		%REC	216500	1	11/27/2015 19:33	CG
Surr: Dibromofluoromethane	99.7	78.2-128		%REC	216500	1	11/27/2015 19:33	CG
Surr: Toluene-d8	91.9	76.5-116		%REC	216500	1	11/27/2015 19:33	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	5.85	0.01	H	pH Units	216512	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	191	5.66		mg/Kg-dry	216527	1	11/30/2015 16:31	IO
Barium	751	5.66		mg/Kg-dry	216527	1	11/30/2015 16:31	IO
Cadmium	3.30	2.83		mg/Kg-dry	216527	1	11/30/2015 16:31	IO
Chromium	BRL	2.83		mg/Kg-dry	216527	1	11/30/2015 16:31	IO
Lead	805	5.66		mg/Kg-dry	216527	1	11/30/2015 16:31	IO
Selenium	BRL	5.66		mg/Kg-dry	216527	1	11/30/2015 16:31	IO
Silver	15.9	2.83		mg/Kg-dry	216527	1	11/30/2015 16:31	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 11:37:00 AM
Lab ID:	1511O23-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.111		mg/Kg-dry	216584	1	12/01/2015 12:00	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2,4,5-Trichlorophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2,4,6-Trichlorophenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2,4-Dichlorophenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2,4-Dimethylphenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2,4-Dinitrophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2,4-Dinitrotoluene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2,6-Dinitrotoluene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2-Chloronaphthalene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2-Chlorophenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2-Methylnaphthalene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2-Methylphenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
2-Nitrophenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
3,3´-Dichlorobenzidine	BRL	0.74		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
3-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
4,6-Dinitro-2-methylphenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
4-Bromophenyl phenyl ether	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
4-Chloro-3-methylphenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
4-Chloroaniline	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
4-Chlorophenyl phenyl ether	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
4-Methylphenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
4-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
4-Nitrophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Acenaphthene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Acenaphthylene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Acetophenone	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Anthracene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Atrazine	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Benz(a)anthracene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Benzaldehyde	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Benzo(a)pyrene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Benzo(b)fluoranthene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Benzo(g,h,i)perylene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Benzo(k)fluoranthene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Bis(2-chloroethoxy)methane	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Bis(2-chloroethyl)ether	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Bis(2-chloroisopropyl)ether	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 11:37:00 AM
Lab ID:	1511O23-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Butyl benzyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Caprolactam	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Carbazole	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Chrysene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Di-n-butyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Di-n-octyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Dibenz(a,h)anthracene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Dibenzofuran	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Diethyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Dimethyl phthalate	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Fluoranthene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Fluorene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Hexachlorobenzene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Hexachlorobutadiene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Hexachlorocyclopentadiene	BRL	0.73		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Hexachloroethane	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Indeno(1,2,3-cd)pyrene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Isophorone	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
N-Nitrosodi-n-propylamine	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
N-Nitrosodiphenylamine	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Naphthalene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Nitrobenzene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Pentachlorophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Phenanthrene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Phenol	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Pyrene	BRL	0.37		mg/Kg-dry	216501	1	11/30/2015 22:11	YH
Surr: 2,4,6-Tribromophenol	72.7	41-128		%REC	216501	1	11/30/2015 22:11	YH
Surr: 2-Fluorobiphenyl	70.6	47-120		%REC	216501	1	11/30/2015 22:11	YH
Surr: 2-Fluorophenol	63.4	38.3-120		%REC	216501	1	11/30/2015 22:11	YH
Surr: 4-Terphenyl-d14	82.6	51.4-125		%REC	216501	1	11/30/2015 22:11	YH
Surr: Nitrobenzene-d5	69.7	40.1-120		%REC	216501	1	11/30/2015 22:11	YH
Surr: Phenol-d5	74.9	40.3-120		%REC	216501	1	11/30/2015 22:11	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,1,2,2-Tetrachloroethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,1,2-Trichloroethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,1-Dichloroethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,1-Dichloroethene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,2,4-Trichlorobenzene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 11:37:00 AM
Lab ID:	1511O23-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,2-Dibromoethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,2-Dichlorobenzene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,2-Dichloroethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,2-Dichloropropane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,3-Dichlorobenzene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
1,4-Dichlorobenzene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
2-Butanone	BRL	0.054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
2-Hexanone	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Acetone	BRL	0.11		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Benzene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Bromodichloromethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Bromoform	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Bromomethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Carbon disulfide	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Carbon tetrachloride	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Chlorobenzene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Chloroethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Chloroform	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Chloromethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
cis-1,2-Dichloroethene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
cis-1,3-Dichloropropene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Cyclohexane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Dibromochloromethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Ethylbenzene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Freon-113	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Isopropylbenzene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
m,p-Xylene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Methyl acetate	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Methyl tert-butyl ether	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Methylcyclohexane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Methylene chloride	BRL	0.022		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
o-Xylene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Styrene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Tetrachloroethene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Toluene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
trans-1,2-Dichloroethene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
trans-1,3-Dichloropropene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Trichloroethene	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 11:37:00 AM
Lab ID:	1511O23-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0054		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Vinyl chloride	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 19:56	CG
Surr: 4-Bromofluorobenzene	87.3	70-128		%REC	216500	1	11/27/2015 19:56	CG
Surr: Dibromofluoromethane	99.5	78.2-128		%REC	216500	1	11/27/2015 19:56	CG
Surr: Toluene-d8	93.5	76.5-116		%REC	216500	1	11/27/2015 19:56	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.68	0.01	H	pH Units	216512	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	10.5	5.34		mg/Kg-dry	216527	1	11/30/2015 16:37	IO
Barium	32.1	5.34		mg/Kg-dry	216527	1	11/30/2015 16:37	IO
Cadmium	BRL	2.67		mg/Kg-dry	216527	1	11/30/2015 16:37	IO
Chromium	6.50	2.67		mg/Kg-dry	216527	1	11/30/2015 16:37	IO
Lead	10.5	5.34		mg/Kg-dry	216527	1	11/30/2015 16:37	IO
Selenium	BRL	5.34		mg/Kg-dry	216527	1	11/30/2015 16:37	IO
Silver	BRL	2.67		mg/Kg-dry	216527	1	11/30/2015 16:37	IO
PERCENT MOISTURE D2216								
Percent Moisture	9.94	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 11:48:00 AM
Lab ID:	1511O23-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.0973		mg/Kg-dry	216584	1	12/01/2015 12:02	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2,4,5-Trichlorophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2,4,6-Trichlorophenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2,4-Dichlorophenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2,4-Dimethylphenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2,4-Dinitrophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2,4-Dinitrotoluene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2,6-Dinitrotoluene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2-Chloronaphthalene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2-Chlorophenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2-Methylnaphthalene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2-Methylphenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
2-Nitrophenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
3,3´-Dichlorobenzidine	BRL	0.74		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
3-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
4,6-Dinitro-2-methylphenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
4-Bromophenyl phenyl ether	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
4-Chloro-3-methylphenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
4-Chloroaniline	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
4-Chlorophenyl phenyl ether	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
4-Methylphenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
4-Nitroaniline	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
4-Nitrophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Acenaphthene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Acenaphthylene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Acetophenone	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Anthracene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Atrazine	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Benz(a)anthracene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Benzaldehyde	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Benzo(a)pyrene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Benzo(b)fluoranthene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Benzo(g,h,i)perylene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Benzo(k)fluoranthene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Bis(2-chloroethoxy)methane	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Bis(2-chloroethyl)ether	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Bis(2-chloroisopropyl)ether	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 11:48:00 AM
Lab ID:	1511O23-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Butyl benzyl phthalate	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Caprolactam	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Carbazole	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Chrysene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Di-n-butyl phthalate	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Di-n-octyl phthalate	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Dibenz(a,h)anthracene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Dibenzofuran	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Diethyl phthalate	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Dimethyl phthalate	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Fluoranthene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Fluorene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Hexachlorobenzene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Hexachlorobutadiene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Hexachlorocyclopentadiene	BRL	0.73		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Hexachloroethane	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Indeno(1,2,3-cd)pyrene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Isophorone	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
N-Nitrosodi-n-propylamine	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
N-Nitrosodiphenylamine	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Naphthalene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Nitrobenzene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Pentachlorophenol	BRL	1.9		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Phenanthrene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Phenol	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Pyrene	BRL	0.36		mg/Kg-dry	216501	1	11/30/2015 22:39	YH
Surr: 2,4,6-Tribromophenol	75	41-128		%REC	216501	1	11/30/2015 22:39	YH
Surr: 2-Fluorobiphenyl	79.7	47-120		%REC	216501	1	11/30/2015 22:39	YH
Surr: 2-Fluorophenol	77.7	38.3-120		%REC	216501	1	11/30/2015 22:39	YH
Surr: 4-Terphenyl-d14	88.5	51.4-125		%REC	216501	1	11/30/2015 22:39	YH
Surr: Nitrobenzene-d5	81.4	40.1-120		%REC	216501	1	11/30/2015 22:39	YH
Surr: Phenol-d5	87.1	40.3-120		%REC	216501	1	11/30/2015 22:39	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,1,2,2-Tetrachloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,1,2-Trichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,1-Dichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,1-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,2,4-Trichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 11:48:00 AM
Lab ID:	1511O23-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,2-Dibromoethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,2-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,2-Dichloroethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,2-Dichloropropane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,3-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
1,4-Dichlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
2-Butanone	BRL	0.051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
2-Hexanone	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
4-Methyl-2-pentanone	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Acetone	BRL	0.10		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Benzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Bromodichloromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Bromoform	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Bromomethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Carbon disulfide	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Carbon tetrachloride	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Chlorobenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Chloroethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Chloroform	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Chloromethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
cis-1,2-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
cis-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Cyclohexane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Dibromochloromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Dichlorodifluoromethane	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Ethylbenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Freon-113	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Isopropylbenzene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
m,p-Xylene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Methyl acetate	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Methyl tert-butyl ether	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Methylcyclohexane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Methylene chloride	BRL	0.020		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
o-Xylene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Styrene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Tetrachloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Toluene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
trans-1,2-Dichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
trans-1,3-Dichloropropene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Trichloroethene	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 11:48:00 AM
Lab ID:	1511O23-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0051		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Vinyl chloride	BRL	0.010		mg/Kg-dry	216500	1	11/27/2015 20:20	CG
Surr: 4-Bromofluorobenzene	84	70-128		%REC	216500	1	11/27/2015 20:20	CG
Surr: Dibromofluoromethane	101	78.2-128		%REC	216500	1	11/27/2015 20:20	CG
Surr: Toluene-d8	92.2	76.5-116		%REC	216500	1	11/27/2015 20:20	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.88	0.01	H	pH Units	216512	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	16.6	5.34		mg/Kg-dry	216527	1	11/30/2015 16:41	IO
Barium	35.4	5.34		mg/Kg-dry	216527	1	11/30/2015 16:41	IO
Cadmium	BRL	2.67		mg/Kg-dry	216527	1	11/30/2015 16:41	IO
Chromium	BRL	2.67		mg/Kg-dry	216527	1	11/30/2015 16:41	IO
Lead	7.77	5.34		mg/Kg-dry	216527	1	11/30/2015 16:41	IO
Selenium	BRL	5.34		mg/Kg-dry	216527	1	11/30/2015 16:41	IO
Silver	BRL	2.67		mg/Kg-dry	216527	1	11/30/2015 16:41	IO
PERCENT MOISTURE D2216								
Percent Moisture	9.38	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-4 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 2:30:00 PM
Lab ID:	1511O23-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.697	0.102		mg/Kg-dry	216584	1	12/01/2015 12:05	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2,4,6-Trichlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2,4-Dichlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2,4-Dimethylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2,4-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2,6-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2-Chloronaphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2-Chlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2-Methylnaphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2-Methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
2-Nitrophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
3,3´-Dichlorobenzidine	BRL	0.81		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
4-Bromophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
4-Chloro-3-methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
4-Chloroaniline	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
4-Chlorophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
4-Methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Acenaphthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Acenaphthylene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Acetophenone	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Atrazine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Benz(a)anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Benzaldehyde	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Benzo(a)pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Benzo(b)fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Benzo(g,h,i)perylene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Benzo(k)fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Bis(2-chloroethoxy)methane	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Bis(2-chloroethyl)ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Bis(2-chloroisopropyl)ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-4 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 2:30:00 PM
Lab ID:	1511O23-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Butyl benzyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Caprolactam	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Carbazole	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Chrysene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Di-n-butyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Di-n-octyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Dibenz(a,h)anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Dibenzofuran	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Diethyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Dimethyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Fluorene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Hexachlorobenzene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Hexachlorobutadiene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Hexachlorocyclopentadiene	BRL	0.79		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Hexachloroethane	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Indeno(1,2,3-cd)pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Isophorone	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
N-Nitrosodi-n-propylamine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
N-Nitrosodiphenylamine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Naphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Nitrobenzene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Phenanthrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Phenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 13:20	YH
Surr: 2,4,6-Tribromophenol	63.1	41-128		%REC	216569	1	12/02/2015 13:20	YH
Surr: 2-Fluorobiphenyl	68.4	47-120		%REC	216569	1	12/02/2015 13:20	YH
Surr: 2-Fluorophenol	57.9	38.3-120		%REC	216569	1	12/02/2015 13:20	YH
Surr: 4-Terphenyl-d14	77	51.4-125		%REC	216569	1	12/02/2015 13:20	YH
Surr: Nitrobenzene-d5	66.6	40.1-120		%REC	216569	1	12/02/2015 13:20	YH
Surr: Phenol-d5	68.3	40.3-120		%REC	216569	1	12/02/2015 13:20	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,1,2,2-Tetrachloroethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,1,2-Trichloroethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,1-Dichloroethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,1-Dichloroethene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,2,4-Trichlorobenzene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-4 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 2:30:00 PM
Lab ID:	1511O23-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,2-Dibromoethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,2-Dichlorobenzene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,2-Dichloroethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,2-Dichloropropane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,3-Dichlorobenzene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
1,4-Dichlorobenzene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
2-Butanone	BRL	0.050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
2-Hexanone	BRL	0.0099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
4-Methyl-2-pentanone	BRL	0.0099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Acetone	BRL	0.099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Benzene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Bromodichloromethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Bromoform	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Bromomethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Carbon disulfide	BRL	0.0099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Carbon tetrachloride	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Chlorobenzene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Chloroethane	BRL	0.0099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Chloroform	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Chloromethane	BRL	0.0099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
cis-1,2-Dichloroethene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
cis-1,3-Dichloropropene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Cyclohexane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Dibromochloromethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Dichlorodifluoromethane	BRL	0.0099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Ethylbenzene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Freon-113	BRL	0.0099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Isopropylbenzene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
m,p-Xylene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Methyl acetate	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Methyl tert-butyl ether	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Methylcyclohexane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Methylene chloride	BRL	0.020		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
o-Xylene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Styrene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Tetrachloroethene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Toluene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
trans-1,2-Dichloroethene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
trans-1,3-Dichloropropene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Trichloroethene	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-4 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 2:30:00 PM
Lab ID:	1511O23-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0050		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Vinyl chloride	BRL	0.0099		mg/Kg-dry	216500	1	11/27/2015 20:43	CG
Surr: 4-Bromofluorobenzene	85.1	70-128		%REC	216500	1	11/27/2015 20:43	CG
Surr: Dibromofluoromethane	98.2	78.2-128		%REC	216500	1	11/27/2015 20:43	CG
Surr: Toluene-d8	93.7	76.5-116		%REC	216500	1	11/27/2015 20:43	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	5.95	0.01	H	pH Units	216512	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	907	5.72		mg/Kg-dry	216527	1	11/30/2015 16:45	IO
Barium	178	5.72		mg/Kg-dry	216527	1	11/30/2015 16:45	IO
Cadmium	4.98	2.86		mg/Kg-dry	216527	1	11/30/2015 16:45	IO
Chromium	23.3	2.86		mg/Kg-dry	216527	1	11/30/2015 16:45	IO
Lead	860	5.72		mg/Kg-dry	216527	1	11/30/2015 16:45	IO
Selenium	BRL	5.72		mg/Kg-dry	216527	1	11/30/2015 16:45	IO
Silver	BRL	2.86		mg/Kg-dry	216527	1	11/30/2015 16:45	IO
PERCENT MOISTURE D2216								
Percent Moisture	17.0	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-4 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 2:40:00 PM
Lab ID:	1511O23-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.149	0.101		mg/Kg-dry	216584	1	12/01/2015 12:07	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2,4,5-Trichlorophenol	BRL	1.9		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2,4,6-Trichlorophenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2,4-Dichlorophenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2,4-Dimethylphenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2,4-Dinitrophenol	BRL	1.9		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2,4-Dinitrotoluene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2,6-Dinitrotoluene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2-Chloronaphthalene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2-Chlorophenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2-Methylnaphthalene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2-Methylphenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2-Nitroaniline	BRL	1.9		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
2-Nitrophenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
3,3´-Dichlorobenzidine	BRL	0.75		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
3-Nitroaniline	BRL	1.9		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
4,6-Dinitro-2-methylphenol	BRL	1.9		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
4-Bromophenyl phenyl ether	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
4-Chloro-3-methylphenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
4-Chloroaniline	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
4-Chlorophenyl phenyl ether	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
4-Methylphenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
4-Nitroaniline	BRL	1.9		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
4-Nitrophenol	BRL	1.9		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Acenaphthene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Acenaphthylene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Acetophenone	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Anthracene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Atrazine	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Benz(a)anthracene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Benzaldehyde	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Benzo(a)pyrene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Benzo(b)fluoranthene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Benzo(g,h,i)perylene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Benzo(k)fluoranthene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Bis(2-chloroethoxy)methane	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Bis(2-chloroethyl)ether	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Bis(2-chloroisopropyl)ether	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-4 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 2:40:00 PM
Lab ID:	1511O23-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Butyl benzyl phthalate	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Caprolactam	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Carbazole	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Chrysene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Di-n-butyl phthalate	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Di-n-octyl phthalate	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Dibenz(a,h)anthracene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Dibenzofuran	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Diethyl phthalate	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Dimethyl phthalate	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Fluoranthene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Fluorene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Hexachlorobenzene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Hexachlorobutadiene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Hexachlorocyclopentadiene	BRL	0.74		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Hexachloroethane	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Indeno(1,2,3-cd)pyrene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Isophorone	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
N-Nitrosodi-n-propylamine	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
N-Nitrosodiphenylamine	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Naphthalene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Nitrobenzene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Pentachlorophenol	BRL	1.9		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Phenanthrene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Phenol	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Pyrene	BRL	0.37		mg/Kg-dry	216569	1	12/02/2015 13:48	YH
Surr: 2,4,6-Tribromophenol	73.8	41-128		%REC	216569	1	12/02/2015 13:48	YH
Surr: 2-Fluorobiphenyl	81.3	47-120		%REC	216569	1	12/02/2015 13:48	YH
Surr: 2-Fluorophenol	69.3	38.3-120		%REC	216569	1	12/02/2015 13:48	YH
Surr: 4-Terphenyl-d14	89.7	51.4-125		%REC	216569	1	12/02/2015 13:48	YH
Surr: Nitrobenzene-d5	80.6	40.1-120		%REC	216569	1	12/02/2015 13:48	YH
Surr: Phenol-d5	80.4	40.3-120		%REC	216569	1	12/02/2015 13:48	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,1,2,2-Tetrachloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,1,2-Trichloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,1-Dichloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,1-Dichloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,2,4-Trichlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-4 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 2:40:00 PM
Lab ID:	1511O23-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,2-Dibromoethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,2-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,2-Dichloroethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,2-Dichloropropane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,3-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
1,4-Dichlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
2-Butanone	BRL	0.055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
2-Hexanone	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Acetone	BRL	0.11		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Benzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Bromodichloromethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Bromoform	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Bromomethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Carbon disulfide	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Carbon tetrachloride	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Chlorobenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Chloroethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Chloroform	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Chloromethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
cis-1,2-Dichloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
cis-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Cyclohexane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Dibromochloromethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Ethylbenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Freon-113	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Isopropylbenzene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
m,p-Xylene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Methyl acetate	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Methyl tert-butyl ether	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Methylcyclohexane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Methylene chloride	BRL	0.022		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
o-Xylene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Styrene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Tetrachloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Toluene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
trans-1,2-Dichloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
trans-1,3-Dichloropropene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Trichloroethene	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-4 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 2:40:00 PM
Lab ID:	1511O23-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0055		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Vinyl chloride	BRL	0.011		mg/Kg-dry	216500	1	11/27/2015 21:07	CG
Surr: 4-Bromofluorobenzene	88.6	70-128		%REC	216500	1	11/27/2015 21:07	CG
Surr: Dibromofluoromethane	99.9	78.2-128		%REC	216500	1	11/27/2015 21:07	CG
Surr: Toluene-d8	92.8	76.5-116		%REC	216500	1	11/27/2015 21:07	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	5.25	0.01	H	pH Units	216512	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	139	5.08		mg/Kg-dry	216527	1	11/30/2015 16:49	IO
Barium	201	5.08		mg/Kg-dry	216527	1	11/30/2015 16:49	IO
Cadmium	BRL	2.54		mg/Kg-dry	216527	1	11/30/2015 16:49	IO
Chromium	97.9	2.54		mg/Kg-dry	216527	1	11/30/2015 16:49	IO
Lead	43.8	5.08		mg/Kg-dry	216527	1	11/30/2015 16:49	IO
Selenium	BRL	5.08		mg/Kg-dry	216527	1	11/30/2015 16:49	IO
Silver	BRL	2.54		mg/Kg-dry	216527	1	11/30/2015 16:49	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.4	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-5 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 3:34:00 PM
Lab ID:	1511O23-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.119		mg/Kg-dry	216584	1	12/01/2015 12:09	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2,4,5-Trichlorophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2,4,6-Trichlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2,4-Dichlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2,4-Dimethylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2,4-Dinitrophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2,4-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2,6-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2-Chloronaphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2-Chlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2-Methylnaphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2-Methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
2-Nitrophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
3,3´-Dichlorobenzidine	BRL	0.82		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
3-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
4,6-Dinitro-2-methylphenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
4-Bromophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
4-Chloro-3-methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
4-Chloroaniline	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
4-Chlorophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
4-Methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
4-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
4-Nitrophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Acenaphthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Acenaphthylene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Acetophenone	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Atrazine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Benz(a)anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Benzaldehyde	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Benzo(a)pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Benzo(b)fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Benzo(g,h,i)perylene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Benzo(k)fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Bis(2-chloroethoxy)methane	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Bis(2-chloroethyl)ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Bis(2-chloroisopropyl)ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-5 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 3:34:00 PM
Lab ID:	1511O23-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Butyl benzyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Caprolactam	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Carbazole	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Chrysene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Di-n-butyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Di-n-octyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Dibenz(a,h)anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Dibenzofuran	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Diethyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Dimethyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Fluorene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Hexachlorobenzene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Hexachlorobutadiene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Hexachlorocyclopentadiene	BRL	0.81		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Hexachloroethane	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Indeno(1,2,3-cd)pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Isophorone	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
N-Nitrosodi-n-propylamine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
N-Nitrosodiphenylamine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Naphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Nitrobenzene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Pentachlorophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Phenanthrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Phenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 12:59	YH
Surr: 2,4,6-Tribromophenol	61.2	41-128		%REC	216569	1	12/02/2015 12:59	YH
Surr: 2-Fluorobiphenyl	70.2	47-120		%REC	216569	1	12/02/2015 12:59	YH
Surr: 2-Fluorophenol	63.7	38.3-120		%REC	216569	1	12/02/2015 12:59	YH
Surr: 4-Terphenyl-d14	88.4	51.4-125		%REC	216569	1	12/02/2015 12:59	YH
Surr: Nitrobenzene-d5	69.4	40.1-120		%REC	216569	1	12/02/2015 12:59	YH
Surr: Phenol-d5	72.1	40.3-120		%REC	216569	1	12/02/2015 12:59	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,1,2,2-Tetrachloroethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,1,2-Trichloroethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,1-Dichloroethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,1-Dichloroethene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,2,4-Trichlorobenzene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-5 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 3:34:00 PM
Lab ID:	1511O23-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,2-Dibromoethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,2-Dichlorobenzene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,2-Dichloroethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,2-Dichloropropane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,3-Dichlorobenzene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
1,4-Dichlorobenzene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
2-Butanone	BRL	0.060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
2-Hexanone	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
4-Methyl-2-pentanone	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Acetone	BRL	0.12		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Benzene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Bromodichloromethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Bromoform	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Bromomethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Carbon disulfide	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Carbon tetrachloride	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Chlorobenzene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Chloroethane	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Chloroform	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Chloromethane	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
cis-1,2-Dichloroethene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
cis-1,3-Dichloropropene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Cyclohexane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Dibromochloromethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Dichlorodifluoromethane	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Ethylbenzene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Freon-113	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Isopropylbenzene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
m,p-Xylene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Methyl acetate	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Methyl tert-butyl ether	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Methylcyclohexane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Methylene chloride	BRL	0.024		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
o-Xylene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Styrene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Tetrachloroethene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Toluene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
trans-1,2-Dichloroethene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
trans-1,3-Dichloropropene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Trichloroethene	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-5 8-10
Project Name:	Allied Services	**Collection Date:**	11/24/2015 3:34:00 PM
Lab ID:	1511O23-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0060		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Vinyl chloride	BRL	0.012		mg/Kg-dry	216500	1	11/27/2015 16:24	CG
Surr: 4-Bromofluorobenzene	91.6	70-128		%REC	216500	1	11/27/2015 16:24	CG
Surr: Dibromofluoromethane	98.2	78.2-128		%REC	216500	1	11/27/2015 16:24	CG
Surr: Toluene-d8	91.2	76.5-116		%REC	216500	1	11/27/2015 16:24	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	3.85	0.01	H	pH Units	216512	1	11/27/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.91		mg/Kg-dry	216527	1	11/30/2015 16:53	IO
Barium	70.8	5.91		mg/Kg-dry	216527	1	11/30/2015 16:53	IO
Cadmium	BRL	2.95		mg/Kg-dry	216527	1	11/30/2015 16:53	IO
Chromium	19.5	2.95		mg/Kg-dry	216527	1	11/30/2015 16:53	IO
Lead	12.9	5.91		mg/Kg-dry	216527	1	11/30/2015 16:53	IO
Selenium	BRL	5.91		mg/Kg-dry	216527	1	11/30/2015 16:53	IO
Silver	BRL	2.95		mg/Kg-dry	216527	1	11/30/2015 16:53	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R305591	1	12/02/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK
Project Name:	Allied Services	**Collection Date:**	11/24/2015
Lab ID:	1511O23-014	**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	216624	1	12/01/2015 14:13	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,2-Dichloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
2-Butanone	BRL	50		ug/L	216624	1	12/01/2015 14:13	CH
2-Hexanone	BRL	10		ug/L	216624	1	12/01/2015 14:13	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216624	1	12/01/2015 14:13	CH
Acetone	BRL	50		ug/L	216624	1	12/01/2015 14:13	CH
Benzene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Bromodichloromethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Bromoform	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Bromomethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Carbon disulfide	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Carbon tetrachloride	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Chlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Chloroethane	BRL	10		ug/L	216624	1	12/01/2015 14:13	CH
Chloroform	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Chloromethane	BRL	10		ug/L	216624	1	12/01/2015 14:13	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Cyclohexane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Dibromochloromethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Dichlorodifluoromethane	BRL	10		ug/L	216624	1	12/01/2015 14:13	CH
Ethylbenzene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Freon-113	BRL	10		ug/L	216624	1	12/01/2015 14:13	CH
Isopropylbenzene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
m,p-Xylene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Methyl acetate	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Methylcyclohexane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Methylene chloride	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
o-Xylene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK
Project Name:	Allied Services	**Collection Date:**	11/24/2015
Lab ID:	1511O23-014	**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	216624	1	12/01/2015 14:13	CH
Tetrachloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Toluene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Trichloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216624	1	12/01/2015 14:13	CH
Vinyl chloride	BRL	2.0		ug/L	216624	1	12/01/2015 14:13	CH
Surr: 4-Bromofluorobenzene	85.6	70.7-125		%REC	216624	1	12/01/2015 14:13	CH
Surr: Dibromofluoromethane	94.2	82.2-120		%REC	216624	1	12/01/2015 14:13	CH
Surr: Toluene-d8	94.6	81.8-120		%REC	216624	1	12/01/2015 14:13	CH

Qualifiers:

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client SEA Work Order Number 1511023

Checklist completed by [signature] 11/25/15
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? (4°C±2)* Yes ✓ No __

Cooler #1 3.1 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ (MS/MSD) 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.

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

Analytical Environmental Services, Inc

Date: 4-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Lab Order: 1511O23

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1511O23-001A	MW-5 3-5	11/23/2015 11:11:00AM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-001B	MW-5 3-5	11/23/2015 11:11:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-001B	MW-5 3-5	11/23/2015 11:11:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-001B	MW-5 3-5	11/23/2015 11:11:00AM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-001C	MW-5 3-5	11/23/2015 11:11:00AM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-001C	MW-5 3-5	11/23/2015 11:11:00AM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-002A	MW-5 8-10	11/23/2015 11:19:00AM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-002B	MW-5 8-10	11/23/2015 11:19:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-002B	MW-5 8-10	11/23/2015 11:19:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-002B	MW-5 8-10	11/23/2015 11:19:00AM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-002C	MW-5 8-10	11/23/2015 11:19:00AM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-002C	MW-5 8-10	11/23/2015 11:19:00AM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-003A	B-2 3-5	11/23/2015 3:08:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-003B	B-2 3-5	11/23/2015 3:08:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-003B	B-2 3-5	11/23/2015 3:08:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	12/01/2015
1511O23-003B	B-2 3-5	11/23/2015 3:08:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-003B	B-2 3-5	11/23/2015 3:08:00PM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-003C	B-2 3-5	11/23/2015 3:08:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-003C	B-2 3-5	11/23/2015 3:08:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	12/01/2015
1511O23-003C	B-2 3-5	11/23/2015 3:08:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-004A	B-2 8-10	11/23/2015 3:20:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-004B	B-2 8-10	11/23/2015 3:20:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-004B	B-2 8-10	11/23/2015 3:20:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-004B	B-2 8-10	11/23/2015 3:20:00PM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-004C	B-2 8-10	11/23/2015 3:20:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-004C	B-2 8-10	11/23/2015 3:20:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-005A	B-2 13-15	11/23/2015 3:30:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-005B	B-2 13-15	11/23/2015 3:30:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-005B	B-2 13-15	11/23/2015 3:30:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015

Analytical Environmental Services, Inc

Date: 4-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Lab Order: 1511O23

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1511O23-005B	B-2 13-15	11/23/2015 3:30:00PM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-005C	B-2 13-15	11/23/2015 3:30:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-005C	B-2 13-15	11/23/2015 3:30:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-006A	B-3 3-5	11/23/2015 4:36:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-006B	B-3 3-5	11/23/2015 4:36:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-006B	B-3 3-5	11/23/2015 4:36:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-006B	B-3 3-5	11/23/2015 4:36:00PM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-006C	B-3 3-5	11/23/2015 4:36:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-006C	B-3 3-5	11/23/2015 4:36:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	12/01/2015
1511O23-006C	B-3 3-5	11/23/2015 4:36:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-007A	B-3 8-10	11/23/2015 4:43:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-007B	B-3 8-10	11/23/2015 4:43:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-007B	B-3 8-10	11/23/2015 4:43:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-007B	B-3 8-10	11/23/2015 4:43:00PM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-007C	B-3 8-10	11/23/2015 4:43:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-007C	B-3 8-10	11/23/2015 4:43:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-008A	MW-6 3-5	11/24/2015 11:37:00AM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-008B	MW-6 3-5	11/24/2015 11:37:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-008B	MW-6 3-5	11/24/2015 11:37:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-008B	MW-6 3-5	11/24/2015 11:37:00AM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-008C	MW-6 3-5	11/24/2015 11:37:00AM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-008C	MW-6 3-5	11/24/2015 11:37:00AM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-009A	MW-6 8-10	11/24/2015 11:48:00AM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-009B	MW-6 8-10	11/24/2015 11:48:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		11/30/2015 9:00:00AM	11/30/2015
1511O23-009B	MW-6 8-10	11/24/2015 11:48:00AM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-009B	MW-6 8-10	11/24/2015 11:48:00AM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-009C	MW-6 8-10	11/24/2015 11:48:00AM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-009C	MW-6 8-10	11/24/2015 11:48:00AM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-010A	B-4 3-5	11/24/2015 2:30:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015

Client: Sailors Engineering Associates
Project Name: Allied Services
Lab Order: 1511O23

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1511O23-010B	B-4 3-5	11/24/2015 2:30:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511O23-010B	B-4 3-5	11/24/2015 2:30:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-010B	B-4 3-5	11/24/2015 2:30:00PM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-010C	B-4 3-5	11/24/2015 2:30:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-010C	B-4 3-5	11/24/2015 2:30:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-011A	B-4 8-10	11/24/2015 2:40:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-011B	B-4 8-10	11/24/2015 2:40:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511O23-011B	B-4 8-10	11/24/2015 2:40:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-011B	B-4 8-10	11/24/2015 2:40:00PM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-011C	B-4 8-10	11/24/2015 2:40:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-011C	B-4 8-10	11/24/2015 2:40:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-013A	B-5 8-10	11/24/2015 3:34:00PM	Soil	TCL VOLATILE ORGANICS		11/27/2015 1:58:00PM	11/27/2015
1511O23-013B	B-5 8-10	11/24/2015 3:34:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511O23-013B	B-5 8-10	11/24/2015 3:34:00PM	Soil	Laboratory Hydrogen Ion (pH)		11/27/2015 10:00:00AM	11/27/2015
1511O23-013B	B-5 8-10	11/24/2015 3:34:00PM	Soil	PERCENT MOISTURE			12/02/2015
1511O23-013C	B-5 8-10	11/24/2015 3:34:00PM	Soil	TOTAL METALS BY ICP		11/28/2015 12:25:00PM	11/30/2015
1511O23-013C	B-5 8-10	11/24/2015 3:34:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511O23-014A	TRIP BLANK	11/24/2015 12:00:00AM	Aqueous	TCL VOLATILE ORGANICS		12/1/2015 12:29:00PM	12/01/2015

Analytical Environmental Services, Inc

Date: 4-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216500**

Sample ID: **MB-216500** Client ID: Units: **ug/Kg** Prep Date: **11/27/2015** Run No: **305326**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/27/2015** Seq No: **6541214**

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

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216500

Sample ID: **MB-216500** Client ID: Units: **ug/Kg** Prep Date: **11/27/2015** Run No: **305326**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/27/2015** Seq No: **6541214**

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	43.97	0	50.00		87.9	70	128				
Surr: Dibromofluoromethane	51.20	0	50.00		102	78.2	128				
Surr: Toluene-d8	45.37	0	50.00		90.7	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		

Analytical Environmental Services, Inc

Date: 4-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216500**

Sample ID: **LCS-216500** Client ID: Units: **ug/Kg** Prep Date: **11/27/2015** Run No: **305326**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/27/2015** Seq No: **6541213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	69.98	5.0	50.00		140	69.9	145				
Benzene	55.22	5.0	50.00		110	72.3	130				
Chlorobenzene	52.98	5.0	50.00		106	69	130				
Toluene	56.82	5.0	50.00		114	71.1	130				
Trichloroethene	57.84	5.0	50.00		116	71.7	136				
Surr: 4-Bromofluorobenzene	53.02	0	50.00		106	70	128				
Surr: Dibromofluoromethane	49.15	0	50.00		98.3	78.2	128				
Surr: Toluene-d8	50.52	0	50.00		101	76.5	116				

Sample ID: **1511O23-001AMS** Client ID: **MW-5 3-5** Units: **mg/Kg-dry** Prep Date: **11/27/2015** Run No: **305393**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/30/2015** Seq No: **6543001**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.06349	0.0060	59.50		107	56.6	151				
Benzene	0.06207	0.0060	59.50		104	70.4	130				
Chlorobenzene	0.05861	0.0060	59.50		98.5	67.5	132				
Toluene	0.06215	0.0060	59.50		104	70.4	130				
Trichloroethene	0.06559	0.0060	59.50		110	70.1	137				
Surr: 4-Bromofluorobenzene	0.06163	0	59.50		104	70	128				
Surr: Dibromofluoromethane	0.05744	0	59.50		96.5	78.2	128				
Surr: Toluene-d8	0.06117	0	59.50		103	76.5	116				

Sample ID: **1511O23-001AMSD** Client ID: **MW-5 3-5** Units: **mg/Kg-dry** Prep Date: **11/27/2015** Run No: **305393**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/30/2015** Seq No: **6543002**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.06553	0.0060	59.50		110	56.6	151	63.49	3.17	20.4	
Benzene	0.06208	0.0060	59.50		104	70.4	130	62.07	0.019	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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216500**

Sample ID: **1511O23-001AMSD** Client ID: **MW-5 3-5** Units: **mg/Kg-dry** Prep Date: **11/27/2015** Run No: **305393**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216500** Analysis Date: **11/30/2015** Seq No: **6543002**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	0.06206	0.0060	59.50		104	67.5	132	58.61	5.72	14.6	
Toluene	0.06313	0.0060	59.50		106	70.4	130	62.15	1.56	16.6	
Trichloroethene	0.06246	0.0060	59.50		105	70.1	137	65.59	4.89	17	
Surr: 4-Bromofluorobenzene	0.06331	0	59.50		106	70	128	61.63	0	0	
Surr: Dibromofluoromethane	0.05675	0	59.50		95.4	78.2	128	57.44	0	0	
Surr: Toluene-d8	0.05992	0	59.50		101	76.5	116	61.17	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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216501

Sample ID: **MB-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544219**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3´-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216501

Sample ID: **MB-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544219**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216501

Sample ID: **MB-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544219**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	3000	0	3333		90.0	41	128				
Surr: 2-Fluorobiphenyl	1531	0	1667		91.9	47	120				
Surr: 2-Fluorophenol	3074	0	3333		92.2	38.3	120				
Surr: 4-Terphenyl-d14	1890	0	1667		113	51.4	125				
Surr: Nitrobenzene-d5	1519	0	1667		91.1	40.1	120				
Surr: Phenol-d5	3422	0	3333		103	40.3	120				

Sample ID: **LCS-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **12/01/2015** Seq No: **6544220**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2623	330	3333		78.7	56.9	120				
2-Chlorophenol	2823	330	3333		84.7	51	120				
4-Chloro-3-methylphenol	3235	330	3333		97.1	54	120				
4-Nitrophenol	2477	1700	3333		74.3	40.7	120				
Acenaphthene	2828	330	3333		84.8	57.9	120				
N-Nitrosodi-n-propylamine	3469	330	3333		104	56.5	124				

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216501

Sample ID: **LCS-216501** Client ID: Units: **ug/Kg** Prep Date: **11/30/2015** Run No: **305450**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **12/01/2015** Seq No: **6544220**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	2162	1700	3333		64.8	41.8	120				
Phenol	2844	330	3333		85.3	50.1	120				
Pyrene	3443	330	3333		103	59.4	120				
Surr: 2,4,6-Tribromophenol	2694	0	3333		80.8	41	128				
Surr: 2-Fluorobiphenyl	1357	0	1667		81.4	47	120				
Surr: 2-Fluorophenol	2687	0	3333		80.6	38.3	120				
Surr: 4-Terphenyl-d14	1634	0	1667		98.0	51.4	125				
Surr: Nitrobenzene-d5	1438	0	1667		86.3	40.1	120				
Surr: Phenol-d5	3072	0	3333		92.2	40.3	120				

Sample ID: **1511O44-001BMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305401**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544359**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2.758	0.34	3466		79.6	41.7	120				
2-Chlorophenol	2.478	0.34	3466		71.5	42.9	120				
4-Chloro-3-methylphenol	2.976	0.34	3466		85.9	41.1	120				
4-Nitrophenol	BRL	1.8	3466		51.8	32	120				
Acenaphthene	2.535	0.34	3466		73.1	51.5	120				
N-Nitrosodi-n-propylamine	3.047	0.34	3466		87.9	50.2	120				
Pentachlorophenol	BRL	1.8	3466		9.79	38.4	120				S
Phenol	2.443	0.34	3466		70.5	41.5	120				
Pyrene	2.789	0.34	3466		80.5	45.2	120				
Surr: 2,4,6-Tribromophenol	2.713	0	3466		78.3	41	128				
Surr: 2-Fluorobiphenyl	1.290	0	1733		74.4	47	120				
Surr: 2-Fluorophenol	2.494	0	3466		72.0	38.3	120				
Surr: 4-Terphenyl-d14	1.475	0	1733		85.1	51.4	125				
Surr: Nitrobenzene-d5	1.466	0	1733		84.6	40.1	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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216501

Sample ID: **1511O44-001BMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305401**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544359**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	2.734	0	3466		78.9	40.3	120				

Sample ID: **1511O44-001BMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305401**
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216501** Analysis Date: **11/30/2015** Seq No: **6544360**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2.870	0.34	3466		82.8	41.7	120	2758	4.00	33.1	
2-Chlorophenol	2.597	0.34	3466		74.9	42.9	120	2478	4.69	30.7	
4-Chloro-3-methylphenol	3.063	0.34	3466		88.4	41.1	120	2976	2.88	40.5	
4-Nitrophenol	BRL	1.8	3466		49.1	32	120	1794	0	37.9	
Acenaphthene	2.721	0.34	3466		78.5	51.5	120	2535	7.10	26.3	
N-Nitrosodi-n-propylamine	3.216	0.34	3466		92.8	50.2	120	3047	5.40	34.9	
Pentachlorophenol	BRL	1.8	3466		9.49	38.4	120	339.3	0	35.9	S
Phenol	2.475	0.34	3466		71.4	41.5	120	2443	1.31	37.4	
Pyrene	2.813	0.34	3466		81.2	45.2	120	2789	0.854	35	
Surr: 2,4,6-Tribromophenol	2.686	0	3466		77.5	41	128	2713	0	0	
Surr: 2-Fluorobiphenyl	1.394	0	1733		80.5	47	120	1290	0	0	
Surr: 2-Fluorophenol	2.449	0	3466		70.7	38.3	120	2494	0	0	
Surr: 4-Terphenyl-d14	1.493	0	1733		86.1	51.4	125	1475	0	0	
Surr: Nitrobenzene-d5	1.563	0	1733		90.2	40.1	120	1466	0	0	
Surr: Phenol-d5	2.723	0	3466		78.6	40.3	120	2734	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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216509**

Sample ID: **LCS-216509** Client ID: Units: **pH Units** Prep Date: **11/27/2015** Run No: **305321**
SampleType: **LCS** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216509** Analysis Date: **11/27/2015** Seq No: **6541085**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	7.020	0.01	7.000		100	90	110				

Sample ID: **1511M21-001CDUP** Client ID: Units: **pH Units** Prep Date: **11/27/2015** Run No: **305321**
SampleType: **DUP** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216509** Analysis Date: **11/27/2015** Seq No: **6541106**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	2.140	0.01						2.160	0.930	10	H

Sample ID: **1511M21-011CDUP** Client ID: Units: **pH Units** Prep Date: **11/27/2015** Run No: **305321**
SampleType: **DUP** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216509** Analysis Date: **11/27/2015** Seq No: **6541107**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	3.890	0.01						3.880	0.257	10	H

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216512**

Sample ID: **LCS-216512** Client ID: Units: **pH Units** Prep Date: **11/27/2015** Run No: **305324**
SampleType: **LCS** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216512** Analysis Date: **11/27/2015** Seq No: **6541139**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	7.020	0.01	7.000		100	90	110				

Sample ID: **1511O23-007BDUP** Client ID: **B-3 8-10** Units: **pH Units** Prep Date: **11/27/2015** Run No: **305324**
SampleType: **DUP** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216512** Analysis Date: **11/27/2015** Seq No: **6541149**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	5.860	0.01						5.850	0.171	10	H

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216527

Sample ID: **MB-216527** Client ID: Units: **mg/Kg** Prep Date: **11/28/2015** Run No: **305421**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216527** Analysis Date: **11/30/2015** Seq No: **6544070**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID: **LCS-216527** Client ID: Units: **mg/Kg** Prep Date: **11/28/2015** Run No: **305421**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216527** Analysis Date: **11/30/2015** Seq No: **6544071**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	49.12	5.00	50.00		98.2	80	120				
Barium	50.09	5.00	50.00		100	80	120				
Cadmium	49.00	2.50	50.00		98.0	80	120				
Chromium	50.62	2.50	50.00	0.08262	101	80	120				
Lead	49.18	5.00	50.00		98.4	80	120				
Selenium	49.18	5.00	50.00		98.4	80	120				
Silver	4.877	2.50	5.000		97.5	80	120				

Sample ID: **1511O23-002CMS** Client ID: **MW-5 8-10** Units: **mg/Kg-dry** Prep Date: **11/28/2015** Run No: **305421**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216527** Analysis Date: **11/30/2015** Seq No: **6544073**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	45.83	5.35	53.49	0.2335	85.2	75	125				
Barium	191.5	5.35	53.49	143.7	89.3	75	125				
Cadmium	48.35	2.67	53.49		90.4	75	125				
Chromium	62.68	2.67	53.49	16.80	85.8	75	125				

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216527**

Sample ID: **1511O23-002CMS** Client ID: **MW-5 8-10** Units: **mg/Kg-dry** Prep Date: **11/28/2015** Run No: **305421**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **216527** Analysis Date: **11/30/2015** Seq No: **6544073**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	54.07	5.35	53.49	10.12	82.2	75	125				
Selenium	44.52	5.35	53.49		83.2	75	125				
Silver	4.977	2.67	5.349	0.06461	91.8	75	125				

Sample ID: **1511O23-002CMSD** Client ID: **MW-5 8-10** Units: **mg/Kg-dry** Prep Date: **11/28/2015** Run No: **305421**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010C** BatchID: **216527** Analysis Date: **11/30/2015** Seq No: **6544075**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	45.01	5.35	53.48	0.2335	83.7	75	125	45.83	1.80	20	
Barium	192.3	5.35	53.48	143.7	90.8	75	125	191.5	0.412	20	
Cadmium	47.94	2.67	53.48		89.6	75	125	48.35	0.854	20	
Chromium	63.91	2.67	53.48	16.80	88.1	75	125	62.68	1.94	20	
Lead	54.07	5.35	53.48	10.12	82.2	75	125	54.07	0.009	20	
Selenium	44.35	5.35	53.48		82.9	75	125	44.52	0.395	20	
Silver	4.918	2.67	5.348	0.06461	90.8	75	125	4.977	1.19	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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **MB-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305557**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/01/2015** Seq No: **6547213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3´-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **MB-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305557**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/01/2015** Seq No: **6547213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **MB-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305557**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/01/2015** Seq No: **6547213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2486	0	3333		74.6	41	128				
Surr: 2-Fluorobiphenyl	1363	0	1667		81.8	47	120				
Surr: 2-Fluorophenol	2693	0	3333		80.8	38.3	120				
Surr: 4-Terphenyl-d14	1578	0	1667		94.7	51.4	125				
Surr: Nitrobenzene-d5	1321	0	1667		79.3	40.1	120				
Surr: Phenol-d5	2872	0	3333		86.2	40.3	120				

Sample ID: **LCS-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6547939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3019	330	3333		90.6	56.9	120				
2-Chlorophenol	3052	330	3333		91.6	51	120				
4-Chloro-3-methylphenol	3353	330	3333		101	54	120				
4-Nitrophenol	2690	1700	3333		80.7	40.7	120				
Acenaphthene	3115	330	3333		93.5	57.9	120				
N-Nitrosodi-n-propylamine	3656	330	3333		110	56.5	124				

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **LCS-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6547939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	2014	1700	3333		60.4	41.8	120				
Phenol	3035	330	3333		91.0	50.1	120				
Pyrene	3677	330	3333		110	59.4	120				
Surr: 2,4,6-Tribromophenol	2830	0	3333		84.9	41	128				
Surr: 2-Fluorobiphenyl	1570	0	1667		94.2	47	120				
Surr: 2-Fluorophenol	2948	0	3333		88.4	38.3	120				
Surr: 4-Terphenyl-d14	1767	0	1667		106	51.4	125				
Surr: Nitrobenzene-d5	1608	0	1667		96.5	40.1	120				
Surr: Phenol-d5	3384	0	3333		102	40.3	120				

Sample ID: **1511P28-001CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6548614**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3.352	0.41	4129		81.2	41.7	120				
2-Chlorophenol	3.136	0.41	4129		76.0	42.9	120				
4-Chloro-3-methylphenol	3.752	0.41	4129		90.9	41.1	120				
4-Nitrophenol	4.522	2.1	4129		110	32	120				
Acenaphthene	3.548	0.41	4129		85.9	51.5	120				
N-Nitrosodi-n-propylamine	4.049	0.41	4129		98.1	50.2	120				
Pentachlorophenol	3.007	2.1	4129		72.8	38.4	120				
Phenol	3.235	0.41	4129		78.4	41.5	120				
Pyrene	4.107	0.41	4129		99.5	45.2	120				
Surr: 2,4,6-Tribromophenol	3.445	0	4129		83.4	41	128				
Surr: 2-Fluorobiphenyl	1.751	0	2065		84.8	47	120				
Surr: 2-Fluorophenol	2.975	0	4129		72.0	38.3	120				
Surr: 4-Terphenyl-d14	1.971	0	2065		95.5	51.4	125				
Surr: Nitrobenzene-d5	1.734	0	2065		84.0	40.1	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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216569**

Sample ID: **1511P28-001CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6548614**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	3.424	0	4129		82.9	40.3	120				

Sample ID: **1511P28-001CMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6548616**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3.282	0.41	4129		79.5	41.7	120	3345	1.89	33.1	
2-Chlorophenol	2.988	0.41	4129		72.4	42.9	120	2989	0.041	30.7	
4-Chloro-3-methylphenol	3.658	0.41	4129		88.6	41.1	120	3863	5.46	40.5	
4-Nitrophenol	3.228	2.1	4129		78.2	32	120	2955	8.83	37.9	
Acenaphthene	3.425	0.41	4129		82.9	51.5	120	3669	6.89	26.3	
N-Nitrosodi-n-propylamine	3.818	0.41	4129		92.5	50.2	120	3977	4.07	34.9	
Pentachlorophenol	2.748	2.1	4129		66.6	38.4	120	2639	4.06	35.9	
Phenol	2.949	0.41	4129		71.4	41.5	120	3055	3.52	37.4	
Pyrene	4.015	0.41	4129		97.2	45.2	120	4174	3.89	35	
Surr: 2,4,6-Tribromophenol	3.364	0	4129		81.5	41	128	3505	0	0	
Surr: 2-Fluorobiphenyl	1.713	0	2065		83.0	47	120	1806	0	0	
Surr: 2-Fluorophenol	2.849	0	4129		69.0	38.3	120	2969	0	0	
Surr: 4-Terphenyl-d14	1.896	0	2065		91.9	51.4	125	1986	0	0	
Surr: Nitrobenzene-d5	1.602	0	2065		77.6	40.1	120	1748	0	0	
Surr: Phenol-d5	3.278	0	4129		79.4	40.3	120	3359	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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216584

Sample ID: **MB-216584** Client ID: Units: **mg/Kg** Prep Date: **12/01/2015** Run No: **305440**
SampleType: **MBLK** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216584** Analysis Date: **12/01/2015** Seq No: **6545201**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-216584** Client ID: Units: **mg/Kg** Prep Date: **12/01/2015** Run No: **305440**
SampleType: **LCS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216584** Analysis Date: **12/01/2015** Seq No: **6545202**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3821	0.100	0.4000		95.5	80	120				

Sample ID: **1511O23-001CMS** Client ID: **MW-5 3-5** Units: **mg/Kg-dry** Prep Date: **12/01/2015** Run No: **305440**
SampleType: **MS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216584** Analysis Date: **12/01/2015** Seq No: **6545204**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3164	0.118	0.2366	0.05142	112	70	130				

Sample ID: **1511O23-001CMSD** Client ID: **MW-5 3-5** Units: **mg/Kg-dry** Prep Date: **12/01/2015** Run No: **305440**
SampleType: **MSD** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216584** Analysis Date: **12/01/2015** Seq No: **6545205**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4893	0.117	0.4685	0.05142	93.5	70	130	0.3164	42.9	30	R

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

Date: 4-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216624**

Sample ID: **MB-216624** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6545886**

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: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: 216624

Sample ID: **MB-216624** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6545886**

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	43.45	0	50.00		86.9	70.7	125				
Surr: Dibromofluoromethane	49.79	0	50.00		99.6	82.2	120				
Surr: Toluene-d8	51.14	0	50.00		102	81.8	120				

Qualifiers:

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

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216624**

Sample ID: **LCS-216624** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6545884**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.59	5.0	50.00		113	64.2	137				
Benzene	51.33	5.0	50.00		103	72.8	128				
Chlorobenzene	52.44	5.0	50.00		105	72.3	126				
Toluene	52.22	5.0	50.00		104	74.9	127				
Trichloroethene	55.59	5.0	50.00		111	70.5	134				
Surr: 4-Bromofluorobenzene	44.49	0	50.00		89.0	70.7	125				
Surr: Dibromofluoromethane	45.57	0	50.00		91.1	82.2	120				
Surr: Toluene-d8	45.54	0	50.00		91.1	81.8	120				

Sample ID: **1511O64-011AMS** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6546272**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	601.9	50	500.0	8.290	119	60.5	156				
Benzene	532.9	50	500.0	1.150	106	70	135				
Chlorobenzene	524.5	50	500.0		105	70.5	132				
Toluene	537.2	50	500.0	1.630	107	70.5	137				
Trichloroethene	539.7	50	500.0	2.760	107	71.8	139				
Surr: 4-Bromofluorobenzene	426.3	0	500.0		85.3	70.7	125				
Surr: Dibromofluoromethane	510.4	0	500.0		102	82.2	120				
Surr: Toluene-d8	486.7	0	500.0		97.3	81.8	120				

Sample ID: **1511O64-011AMSD** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6546273**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	588.7	50	500.0	8.290	116	60.5	156	601.9	2.22	20	
Benzene	504.4	50	500.0	1.150	101	70	135	532.9	5.50	20	

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

Analytical Environmental Services, Inc

Date: 4-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511O23

ANALYTICAL QC SUMMARY REPORT

BatchID: **216624**

Sample ID: **1511O64-011AMSD** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6546273**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	501.5	50	500.0		100	70.5	132	524.5	4.48	20	
Toluene	505.2	50	500.0	1.630	101	70.5	137	537.2	6.14	20	
Trichloroethene	596.5	50	500.0	2.760	119	71.8	139	539.7	10.00	20	
Surr: 4-Bromofluorobenzene	413.9	0	500.0		82.8	70.7	125	426.3	0	0	
Surr: Dibromofluoromethane	504.3	0	500.0		101	82.2	120	510.4	0	0	
Surr: Toluene-d8	480.7	0	500.0		96.1	81.8	120	486.7	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		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 07, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

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

RE: Allied Services

Dear Michael Haller: Order No: 1511P28

Analytical Environmental Services, Inc. received 7 samples on 11/27/2015 12:03:00 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 09/01/17.

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

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

Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1511P28

Date: 11/27/15 Page 1 of 1

COMPANY: Sanborn Eng. Assoc
ADDRESS: 1675 Spectrum Dr Lawrenceville, Ga 30044
PHONE: 770-962-5922
FAX:
SAMPLED BY: Michael Short
SIGNATURE: Michael [illegible]

ANALYSIS REQUESTED: VOC, SVOC, RCRA Metals, PH

PRESERVATION (See codes): None, I, I, I

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC (None)	SVOC (I)	RCRA Metals (I)	PH (I)	REMARKS	No # of Containers
1	B-5 3-5	11/24	15:25	/		So	/	/	/	/	MeOH VOA Notable at Weight	5
2	MW-7 5-7	11/25	9:57	/		So	/	/	/	/		5
3	MW-7 8-10	11/25	10:05	/		So	/	/	/	/		5
4	MW-3A 0-3	11/25	12:04	/		So	/	/	/	/		5
5	MW-3A 3-5	11/25	12:11	/		So	/	/	/	/		5
6	MW-3A 8-10	11/25	12:22	/		So	/	/	/	/		5
7	Trip Blank	11/27				W	/					2
8												
9												
10												
11												
12												
13												
14												

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Michael [illegible]	11/27/15 12:03	1: [illegible]	11/27/15 12:03
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: USA Ready Mix
PROJECT #: 1520079
SITE ADDRESS: 340 Armour Dr NE
SEND REPORT TO: Mike Haller
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

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

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

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

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

White Copy - Original; Yellow Copy - Client

Client: Sailors Engineering Associates
Project: Allied Services
Lab ID: 1511P28

Case Narrative

Sample Receiving Nonconformance:

Samples 1511P28-001B, 1511P28-002B, 1511P28-003B, 1511P28-004B, 1511P28-005B, and 1511P28-006B for pH analysis by Method SW9045D were received and analyzed outside Method specified holding time of immediate.

The methanol vial for sample 1511P28-001A was made in the laboratory.

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 1511P28-004A 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:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-5 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 3:25:00 PM
Lab ID:	1511P28-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.120		mg/Kg-dry	216546	1	12/01/2015 12:20	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2,4,5-Trichlorophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2,4,6-Trichlorophenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2,4-Dichlorophenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2,4-Dimethylphenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2,4-Dinitrophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2,4-Dinitrotoluene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2,6-Dinitrotoluene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2-Chloronaphthalene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2-Chlorophenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2-Methylnaphthalene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2-Methylphenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
2-Nitrophenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
3,3´-Dichlorobenzidine	BRL	0.83		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
3-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
4,6-Dinitro-2-methylphenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
4-Bromophenyl phenyl ether	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
4-Chloro-3-methylphenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
4-Chloroaniline	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
4-Chlorophenyl phenyl ether	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
4-Methylphenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
4-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
4-Nitrophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Acenaphthene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Acenaphthylene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Acetophenone	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Anthracene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Atrazine	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Benz(a)anthracene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Benzaldehyde	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Benzo(a)pyrene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Benzo(b)fluoranthene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Benzo(g,h,i)perylene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Benzo(k)fluoranthene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Bis(2-chloroethoxy)methane	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Bis(2-chloroethyl)ether	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Bis(2-chloroisopropyl)ether	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-5 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 3:25:00 PM
Lab ID:	1511P28-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Butyl benzyl phthalate	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Caprolactam	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Carbazole	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Chrysene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Di-n-butyl phthalate	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Di-n-octyl phthalate	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Dibenz(a,h)anthracene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Dibenzofuran	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Diethyl phthalate	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Dimethyl phthalate	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Fluoranthene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Fluorene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Hexachlorobenzene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Hexachlorobutadiene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Hexachlorocyclopentadiene	BRL	0.82		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Hexachloroethane	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Indeno(1,2,3-cd)pyrene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Isophorone	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
N-Nitrosodi-n-propylamine	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
N-Nitrosodiphenylamine	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Naphthalene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Nitrobenzene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Pentachlorophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Phenanthrene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Phenol	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Pyrene	BRL	0.41		mg/Kg-dry	216569	1	12/02/2015 15:46	YH
Surr: 2,4,6-Tribromophenol	82.5	41-128		%REC	216569	1	12/02/2015 15:46	YH
Surr: 2-Fluorobiphenyl	80.8	47-120		%REC	216569	1	12/02/2015 15:46	YH
Surr: 2-Fluorophenol	74.8	38.3-120		%REC	216569	1	12/02/2015 15:46	YH
Surr: 4-Terphenyl-d14	92.9	51.4-125		%REC	216569	1	12/02/2015 15:46	YH
Surr: Nitrobenzene-d5	83	40.1-120		%REC	216569	1	12/02/2015 15:46	YH
Surr: Phenol-d5	84.4	40.3-120		%REC	216569	1	12/02/2015 15:46	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,1,2,2-Tetrachloroethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,1,2-Trichloroethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,1-Dichloroethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,1-Dichloroethene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,2,4-Trichlorobenzene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-5 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 3:25:00 PM
Lab ID:	1511P28-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,2-Dibromoethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,2-Dichlorobenzene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,2-Dichloroethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,2-Dichloropropane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,3-Dichlorobenzene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
1,4-Dichlorobenzene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
2-Butanone	BRL	0.056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
2-Hexanone	BRL	0.011		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
4-Methyl-2-pentanone	BRL	0.011		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Acetone	BRL	0.11		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Benzene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Bromodichloromethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Bromoform	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Bromomethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Carbon disulfide	BRL	0.011		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Carbon tetrachloride	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Chlorobenzene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Chloroethane	BRL	0.011		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Chloroform	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Chloromethane	BRL	0.011		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
cis-1,2-Dichloroethene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
cis-1,3-Dichloropropene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Cyclohexane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Dibromochloromethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Dichlorodifluoromethane	BRL	0.011		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Ethylbenzene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Freon-113	BRL	0.011		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Isopropylbenzene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
m,p-Xylene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Methyl acetate	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Methyl tert-butyl ether	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Methylcyclohexane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Methylene chloride	BRL	0.023		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
o-Xylene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Styrene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Tetrachloroethene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Toluene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
trans-1,2-Dichloroethene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
trans-1,3-Dichloropropene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Trichloroethene	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-5 3-5
Project Name:	Allied Services	**Collection Date:**	11/24/2015 3:25:00 PM
Lab ID:	1511P28-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0056		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Vinyl chloride	BRL	0.011		mg/Kg-dry	216650	1	12/02/2015 11:44	CG
Surr: 4-Bromofluorobenzene	89.5	70-128		%REC	216650	1	12/02/2015 11:44	CG
Surr: Dibromofluoromethane	101	78.2-128		%REC	216650	1	12/02/2015 11:44	CG
Surr: Toluene-d8	94.5	76.5-116		%REC	216650	1	12/02/2015 11:44	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	5.95	0.01	H	pH Units	216616	1	12/01/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	76.6	6.15		mg/Kg-dry	216545	1	12/01/2015 19:00	IO
Barium	37.3	6.15		mg/Kg-dry	216545	1	12/01/2015 19:00	IO
Cadmium	BRL	3.08		mg/Kg-dry	216545	1	12/01/2015 19:00	IO
Chromium	5.49	3.08		mg/Kg-dry	216545	1	12/01/2015 19:00	IO
Lead	187	6.15		mg/Kg-dry	216545	1	12/02/2015 18:37	IO
Selenium	BRL	6.15		mg/Kg-dry	216545	1	12/01/2015 19:00	IO
Silver	BRL	3.08		mg/Kg-dry	216545	1	12/01/2015 19:00	IO
PERCENT MOISTURE D2216								
Percent Moisture	19.3	0		wt%	R305652	1	12/03/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7 5-7
Project Name:	Allied Services	**Collection Date:**	11/25/2015 9:57:00 AM
Lab ID:	1511P28-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.463	0.102		mg/Kg-dry	216546	1	12/01/2015 12:22	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2,4,6-Trichlorophenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2,4-Dichlorophenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2,4-Dimethylphenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2,4-Dinitrotoluene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2,6-Dinitrotoluene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2-Chloronaphthalene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2-Chlorophenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2-Methylnaphthalene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2-Methylphenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
2-Nitrophenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
3,3´-Dichlorobenzidine	BRL	0.78		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
4-Bromophenyl phenyl ether	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
4-Chloro-3-methylphenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
4-Chloroaniline	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
4-Chlorophenyl phenyl ether	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
4-Methylphenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Acenaphthene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Acenaphthylene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Acetophenone	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Anthracene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Atrazine	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Benz(a)anthracene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Benzaldehyde	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Benzo(a)pyrene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Benzo(b)fluoranthene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Benzo(g,h,i)perylene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Benzo(k)fluoranthene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Bis(2-chloroethoxy)methane	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Bis(2-chloroethyl)ether	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Bis(2-chloroisopropyl)ether	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7 5-7
Project Name:	Allied Services	**Collection Date:**	11/25/2015 9:57:00 AM
Lab ID:	1511P28-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Butyl benzyl phthalate	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Caprolactam	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Carbazole	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Chrysene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Di-n-butyl phthalate	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Di-n-octyl phthalate	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Dibenz(a,h)anthracene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Dibenzofuran	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Diethyl phthalate	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Dimethyl phthalate	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Fluoranthene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Fluorene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Hexachlorobenzene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Hexachlorobutadiene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Hexachlorocyclopentadiene	BRL	0.77		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Hexachloroethane	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Indeno(1,2,3-cd)pyrene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Isophorone	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
N-Nitrosodi-n-propylamine	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
N-Nitrosodiphenylamine	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Naphthalene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Nitrobenzene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Phenanthrene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Phenol	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Pyrene	BRL	0.38		mg/Kg-dry	216569	1	12/02/2015 19:32	YH
Surr: 2,4,6-Tribromophenol	111	41-128		%REC	216569	1	12/02/2015 19:32	YH
Surr: 2-Fluorobiphenyl	88.6	47-120		%REC	216569	1	12/02/2015 19:32	YH
Surr: 2-Fluorophenol	73.5	38.3-120		%REC	216569	1	12/02/2015 19:32	YH
Surr: 4-Terphenyl-d14	96.3	51.4-125		%REC	216569	1	12/02/2015 19:32	YH
Surr: Nitrobenzene-d5	94.2	40.1-120		%REC	216569	1	12/02/2015 19:32	YH
Surr: Phenol-d5	89.3	40.3-120		%REC	216569	1	12/02/2015 19:32	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,1,2,2-Tetrachloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,1,2-Trichloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,1-Dichloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,1-Dichloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,2,4-Trichlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7 5-7
Project Name:	Allied Services	**Collection Date:**	11/25/2015 9:57:00 AM
Lab ID:	1511P28-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,2-Dibromoethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,2-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,2-Dichloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,2-Dichloropropane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,3-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
1,4-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
2-Butanone	BRL	0.046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
2-Hexanone	BRL	0.0092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
4-Methyl-2-pentanone	BRL	0.0092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Acetone	BRL	0.092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Benzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Bromodichloromethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Bromoform	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Bromomethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Carbon disulfide	BRL	0.0092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Carbon tetrachloride	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Chlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Chloroethane	BRL	0.0092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Chloroform	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Chloromethane	BRL	0.0092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
cis-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
cis-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Cyclohexane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Dibromochloromethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Dichlorodifluoromethane	BRL	0.0092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Ethylbenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Freon-113	BRL	0.0092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Isopropylbenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
m,p-Xylene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Methyl acetate	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Methyl tert-butyl ether	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Methylcyclohexane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Methylene chloride	BRL	0.018		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
o-Xylene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Styrene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Tetrachloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Toluene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
trans-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
trans-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Trichloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7 5-7
Project Name:	Allied Services	**Collection Date:**	11/25/2015 9:57:00 AM
Lab ID:	1511P28-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Vinyl chloride	BRL	0.0092		mg/Kg-dry	216650	1	12/02/2015 11:20	CG
Surr: 4-Bromofluorobenzene	91	70-128		%REC	216650	1	12/02/2015 11:20	CG
Surr: Dibromofluoromethane	101	78.2-128		%REC	216650	1	12/02/2015 11:20	CG
Surr: Toluene-d8	94.5	76.5-116		%REC	216650	1	12/02/2015 11:20	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.93	0.01	H	pH Units	216616	1	12/01/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	233	5.73		mg/Kg-dry	216545	1	12/01/2015 19:03	IO
Barium	1890	5.73		mg/Kg-dry	216545	1	12/01/2015 19:03	IO
Cadmium	3.14	2.86		mg/Kg-dry	216545	1	12/01/2015 19:03	IO
Chromium	12.1	2.86		mg/Kg-dry	216545	1	12/01/2015 19:03	IO
Lead	2050	5.73		mg/Kg-dry	216545	1	12/02/2015 18:41	IO
Selenium	BRL	5.73		mg/Kg-dry	216545	1	12/01/2015 19:03	IO
Silver	13.0	2.86		mg/Kg-dry	216545	1	12/01/2015 19:03	IO
PERCENT MOISTURE D2216								
Percent Moisture	14.1	0		wt%	R305652	1	12/03/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7 8-10
Project Name:	Allied Services	**Collection Date:**	11/25/2015 10:05:00 AM
Lab ID:	1511P28-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.106		mg/Kg-dry	216546	1	12/01/2015 12:24	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2,4,6-Trichlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2,4-Dichlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2,4-Dimethylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2,4-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2,6-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2-Chloronaphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2-Chlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2-Methylnaphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2-Methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
2-Nitrophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
3,3´-Dichlorobenzidine	BRL	0.81		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
4-Bromophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
4-Chloro-3-methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
4-Chloroaniline	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
4-Chlorophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
4-Methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Acenaphthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Acenaphthylene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Acetophenone	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Atrazine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Benz(a)anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Benzaldehyde	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Benzo(a)pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Benzo(b)fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Benzo(g,h,i)perylene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Benzo(k)fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Bis(2-chloroethoxy)methane	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Bis(2-chloroethyl)ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Bis(2-chloroisopropyl)ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7 8-10
Project Name:	Allied Services	**Collection Date:**	11/25/2015 10:05:00 AM
Lab ID:	1511P28-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Butyl benzyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Caprolactam	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Carbazole	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Chrysene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Di-n-butyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Di-n-octyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Dibenz(a,h)anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Dibenzofuran	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Diethyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Dimethyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Fluorene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Hexachlorobenzene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Hexachlorobutadiene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Hexachlorocyclopentadiene	BRL	0.79		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Hexachloroethane	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Indeno(1,2,3-cd)pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Isophorone	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
N-Nitrosodi-n-propylamine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
N-Nitrosodiphenylamine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Naphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Nitrobenzene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Phenanthrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Phenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Pyrene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 19:58	YH
Surr: 2,4,6-Tribromophenol	112	41-128		%REC	216569	1	12/02/2015 19:58	YH
Surr: 2-Fluorobiphenyl	84.6	47-120		%REC	216569	1	12/02/2015 19:58	YH
Surr: 2-Fluorophenol	75.5	38.3-120		%REC	216569	1	12/02/2015 19:58	YH
Surr: 4-Terphenyl-d14	96.5	51.4-125		%REC	216569	1	12/02/2015 19:58	YH
Surr: Nitrobenzene-d5	90.4	40.1-120		%REC	216569	1	12/02/2015 19:58	YH
Surr: Phenol-d5	83.1	40.3-120		%REC	216569	1	12/02/2015 19:58	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,1,2,2-Tetrachloroethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,1,2-Trichloroethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,1-Dichloroethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,1-Dichloroethene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,2,4-Trichlorobenzene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7 8-10
Project Name:	Allied Services	**Collection Date:**	11/25/2015 10:05:00 AM
Lab ID:	1511P28-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,2-Dibromoethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,2-Dichlorobenzene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,2-Dichloroethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,2-Dichloropropane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,3-Dichlorobenzene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
1,4-Dichlorobenzene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
2-Butanone	BRL	0.038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
2-Hexanone	BRL	0.0076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
4-Methyl-2-pentanone	BRL	0.0076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Acetone	BRL	0.076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Benzene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Bromodichloromethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Bromoform	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Bromomethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Carbon disulfide	BRL	0.0076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Carbon tetrachloride	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Chlorobenzene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Chloroethane	BRL	0.0076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Chloroform	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Chloromethane	BRL	0.0076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
cis-1,2-Dichloroethene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
cis-1,3-Dichloropropene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Cyclohexane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Dibromochloromethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Dichlorodifluoromethane	BRL	0.0076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Ethylbenzene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Freon-113	BRL	0.0076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Isopropylbenzene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
m,p-Xylene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Methyl acetate	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Methyl tert-butyl ether	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Methylcyclohexane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Methylene chloride	BRL	0.015		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
o-Xylene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Styrene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Tetrachloroethene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Toluene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
trans-1,2-Dichloroethene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
trans-1,3-Dichloropropene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Trichloroethene	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7 8-10
Project Name:	Allied Services	**Collection Date:**	11/25/2015 10:05:00 AM
Lab ID:	1511P28-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0038		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Vinyl chloride	BRL	0.0076		mg/Kg-dry	216650	1	12/02/2015 12:07	CG
Surr: 4-Bromofluorobenzene	88.7	70-128		%REC	216650	1	12/02/2015 12:07	CG
Surr: Dibromofluoromethane	99.2	78.2-128		%REC	216650	1	12/02/2015 12:07	CG
Surr: Toluene-d8	93.5	76.5-116		%REC	216650	1	12/02/2015 12:07	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	3.80	0.01	H	pH Units	216616	1	12/01/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	289	5.78		mg/Kg-dry	216545	1	12/01/2015 19:17	IO
Barium	1870	5.78		mg/Kg-dry	216545	1	12/01/2015 19:17	IO
Cadmium	9.25	2.89		mg/Kg-dry	216545	1	12/01/2015 19:17	IO
Chromium	BRL	2.89		mg/Kg-dry	216545	1	12/01/2015 19:17	IO
Lead	3530	5.78		mg/Kg-dry	216545	1	12/02/2015 18:48	IO
Selenium	BRL	5.78		mg/Kg-dry	216545	1	12/01/2015 19:17	IO
Silver	33.7	2.89		mg/Kg-dry	216545	1	12/01/2015 19:17	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.9	0		wt%	R305652	1	12/03/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 0-3
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:04:00 PM
Lab ID:	1511P28-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.545	0.117		mg/Kg-dry	216546	1	12/01/2015 12:27	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2,4,6-Trichlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2,4-Dichlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2,4-Dimethylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2,4-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2,6-Dinitrotoluene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2-Chloronaphthalene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2-Chlorophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2-Methylnaphthalene	0.90	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2-Methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
2-Nitrophenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
3,3´-Dichlorobenzidine	BRL	0.81		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
4-Bromophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
4-Chloro-3-methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
4-Chloroaniline	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
4-Chlorophenyl phenyl ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
4-Methylphenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Acenaphthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Acenaphthylene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Acetophenone	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Anthracene	0.84	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Atrazine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Benz(a)anthracene	1.6	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Benzaldehyde	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Benzo(a)pyrene	1.3	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Benzo(b)fluoranthene	2.1	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Benzo(g,h,i)perylene	0.83	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Benzo(k)fluoranthene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Bis(2-chloroethoxy)methane	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Bis(2-chloroethyl)ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Bis(2-chloroisopropyl)ether	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
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N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 0-3
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:04:00 PM
Lab ID:	1511P28-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Butyl benzyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Caprolactam	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Carbazole	0.44	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Chrysene	1.7	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Di-n-butyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Di-n-octyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Dibenz(a,h)anthracene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Dibenzofuran	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Diethyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Dimethyl phthalate	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Fluoranthene	3.9	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Fluorene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Hexachlorobenzene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Hexachlorobutadiene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Hexachlorocyclopentadiene	BRL	0.79		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Hexachloroethane	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Indeno(1,2,3-cd)pyrene	0.79	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Isophorone	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
N-Nitrosodi-n-propylamine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
N-Nitrosodiphenylamine	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Naphthalene	0.80	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Nitrobenzene	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Phenanthrene	3.8	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Phenol	BRL	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Pyrene	3.1	0.40		mg/Kg-dry	216569	1	12/02/2015 20:25	YH
Surr: 2,4,6-Tribromophenol	108	41-128		%REC	216569	1	12/02/2015 20:25	YH
Surr: 2-Fluorobiphenyl	86.3	47-120		%REC	216569	1	12/02/2015 20:25	YH
Surr: 2-Fluorophenol	70.7	38.3-120		%REC	216569	1	12/02/2015 20:25	YH
Surr: 4-Terphenyl-d14	89.5	51.4-125		%REC	216569	1	12/02/2015 20:25	YH
Surr: Nitrobenzene-d5	91.7	40.1-120		%REC	216569	1	12/02/2015 20:25	YH
Surr: Phenol-d5	78.7	40.3-120		%REC	216569	1	12/02/2015 20:25	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,1,2,2-Tetrachloroethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,1,2-Trichloroethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,1-Dichloroethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,1-Dichloroethene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,2,4-Trichlorobenzene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 0-3
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:04:00 PM
Lab ID:	1511P28-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,2-Dibromoethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,2-Dichlorobenzene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,2-Dichloroethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,2-Dichloropropane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,3-Dichlorobenzene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
1,4-Dichlorobenzene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
2-Butanone	BRL	0.047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
2-Hexanone	BRL	0.0093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
4-Methyl-2-pentanone	BRL	0.0093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Acetone	BRL	0.093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Benzene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Bromodichloromethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Bromoform	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Bromomethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Carbon disulfide	BRL	0.0093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Carbon tetrachloride	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Chlorobenzene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Chloroethane	BRL	0.0093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Chloroform	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Chloromethane	BRL	0.0093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
cis-1,2-Dichloroethene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
cis-1,3-Dichloropropene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Cyclohexane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Dibromochloromethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Dichlorodifluoromethane	BRL	0.0093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Ethylbenzene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Freon-113	BRL	0.0093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Isopropylbenzene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
m,p-Xylene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Methyl acetate	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Methyl tert-butyl ether	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Methylcyclohexane	0.0056	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Methylene chloride	BRL	0.019		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
o-Xylene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Styrene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Tetrachloroethene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Toluene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
trans-1,2-Dichloroethene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
trans-1,3-Dichloropropene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Trichloroethene	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 0-3
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:04:00 PM
Lab ID:	1511P28-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0047		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Vinyl chloride	BRL	0.0093		mg/Kg-dry	216650	1	12/03/2015 10:45	CG
Surr: 4-Bromofluorobenzene	60.5	70-128	S	%REC	216650	1	12/03/2015 10:45	CG
Surr: Dibromofluoromethane	106	78.2-128		%REC	216650	1	12/03/2015 10:45	CG
Surr: Toluene-d8	88.4	76.5-116		%REC	216650	1	12/03/2015 10:45	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	6.29	0.01	H	pH Units	216616	1	12/01/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	29.1	5.79		mg/Kg-dry	216545	1	12/01/2015 19:24	IO
Barium	196	5.79		mg/Kg-dry	216545	1	12/01/2015 19:24	IO
Cadmium	BRL	2.90		mg/Kg-dry	216545	1	12/01/2015 19:24	IO
Chromium	28.7	2.90		mg/Kg-dry	216545	1	12/01/2015 19:24	IO
Lead	217	5.79		mg/Kg-dry	216545	1	12/02/2015 18:53	IO
Selenium	BRL	5.79		mg/Kg-dry	216545	1	12/01/2015 19:24	IO
Silver	BRL	2.90		mg/Kg-dry	216545	1	12/01/2015 19:24	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.8	0		wt%	R305652	1	12/03/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 3-5
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:11:00 PM
Lab ID:	1511P28-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.116		mg/Kg-dry	216546	1	12/01/2015 12:29	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2,4,5-Trichlorophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2,4,6-Trichlorophenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2,4-Dichlorophenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2,4-Dimethylphenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2,4-Dinitrophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2,4-Dinitrotoluene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2,6-Dinitrotoluene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2-Chloronaphthalene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2-Chlorophenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2-Methylnaphthalene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2-Methylphenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
2-Nitrophenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
3,3´-Dichlorobenzidine	BRL	0.85		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
3-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
4,6-Dinitro-2-methylphenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
4-Bromophenyl phenyl ether	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
4-Chloro-3-methylphenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
4-Chloroaniline	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
4-Chlorophenyl phenyl ether	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
4-Methylphenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
4-Nitroaniline	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
4-Nitrophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Acenaphthene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Acenaphthylene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Acetophenone	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Anthracene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Atrazine	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Benz(a)anthracene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Benzaldehyde	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Benzo(a)pyrene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Benzo(b)fluoranthene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Benzo(g,h,i)perylene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Benzo(k)fluoranthene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Bis(2-chloroethoxy)methane	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Bis(2-chloroethyl)ether	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Bis(2-chloroisopropyl)ether	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 3-5
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:11:00 PM
Lab ID:	1511P28-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Butyl benzyl phthalate	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Caprolactam	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Carbazole	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Chrysene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Di-n-butyl phthalate	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Di-n-octyl phthalate	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Dibenz(a,h)anthracene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Dibenzofuran	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Diethyl phthalate	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Dimethyl phthalate	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Fluoranthene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Fluorene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Hexachlorobenzene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Hexachlorobutadiene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Hexachlorocyclopentadiene	BRL	0.83		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Hexachloroethane	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Indeno(1,2,3-cd)pyrene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Isophorone	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
N-Nitrosodi-n-propylamine	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
N-Nitrosodiphenylamine	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Naphthalene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Nitrobenzene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Pentachlorophenol	BRL	2.1		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Phenanthrene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Phenol	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Pyrene	BRL	0.42		mg/Kg-dry	216569	1	12/02/2015 20:54	YH
Surr: 2,4,6-Tribromophenol	104	41-128		%REC	216569	1	12/02/2015 20:54	YH
Surr: 2-Fluorobiphenyl	83.4	47-120		%REC	216569	1	12/02/2015 20:54	YH
Surr: 2-Fluorophenol	72.7	38.3-120		%REC	216569	1	12/02/2015 20:54	YH
Surr: 4-Terphenyl-d14	94	51.4-125		%REC	216569	1	12/02/2015 20:54	YH
Surr: Nitrobenzene-d5	89	40.1-120		%REC	216569	1	12/02/2015 20:54	YH
Surr: Phenol-d5	81.8	40.3-120		%REC	216569	1	12/02/2015 20:54	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,1,2,2-Tetrachloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,1,2-Trichloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,1-Dichloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,1-Dichloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,2,4-Trichlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 3-5
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:11:00 PM
Lab ID:	1511P28-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,2-Dibromoethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,2-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,2-Dichloroethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,2-Dichloropropane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,3-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
1,4-Dichlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
2-Butanone	BRL	0.046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
2-Hexanone	BRL	0.0091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
4-Methyl-2-pentanone	BRL	0.0091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Acetone	BRL	0.091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Benzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Bromodichloromethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Bromoform	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Bromomethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Carbon disulfide	BRL	0.0091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Carbon tetrachloride	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Chlorobenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Chloroethane	BRL	0.0091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Chloroform	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Chloromethane	BRL	0.0091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
cis-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
cis-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Cyclohexane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Dibromochloromethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Dichlorodifluoromethane	BRL	0.0091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Ethylbenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Freon-113	BRL	0.0091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Isopropylbenzene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
m,p-Xylene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Methyl acetate	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Methyl tert-butyl ether	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Methylcyclohexane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Methylene chloride	BRL	0.018		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
o-Xylene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Styrene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Tetrachloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Toluene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
trans-1,2-Dichloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
trans-1,3-Dichloropropene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Trichloroethene	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 3-5
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:11:00 PM
Lab ID:	1511P28-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0046		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Vinyl chloride	BRL	0.0091		mg/Kg-dry	216650	1	12/02/2015 12:55	CG
Surr: 4-Bromofluorobenzene	93.5	70-128		%REC	216650	1	12/02/2015 12:55	CG
Surr: Dibromofluoromethane	102	78.2-128		%REC	216650	1	12/02/2015 12:55	CG
Surr: Toluene-d8	93.4	76.5-116		%REC	216650	1	12/02/2015 12:55	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	4.88	0.01	H	pH Units	216616	1	12/01/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.78		mg/Kg-dry	216545	1	12/01/2015 19:27	IO
Barium	79.1	5.78		mg/Kg-dry	216545	1	12/01/2015 19:27	IO
Cadmium	BRL	2.89		mg/Kg-dry	216545	1	12/01/2015 19:27	IO
Chromium	31.0	2.89		mg/Kg-dry	216545	1	12/01/2015 19:27	IO
Lead	10.6	5.78		mg/Kg-dry	216545	1	12/02/2015 18:57	IO
Selenium	BRL	5.78		mg/Kg-dry	216545	1	12/01/2015 19:27	IO
Silver	BRL	2.89		mg/Kg-dry	216545	1	12/01/2015 19:27	IO
PERCENT MOISTURE D2216								
Percent Moisture	20.8	0		wt%	R305652	1	12/03/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 8-10
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:22:00 PM
Lab ID:	1511P28-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.103		mg/Kg-dry	216546	1	12/01/2015 12:31	CC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2,4,5-Trichlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2,4,6-Trichlorophenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2,4-Dichlorophenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2,4-Dimethylphenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2,4-Dinitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2,4-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2,6-Dinitrotoluene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2-Chloronaphthalene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2-Chlorophenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2-Methylnaphthalene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2-Methylphenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
2-Nitrophenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
3,3´-Dichlorobenzidine	BRL	0.80		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
3-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
4,6-Dinitro-2-methylphenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
4-Bromophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
4-Chloro-3-methylphenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
4-Chloroaniline	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
4-Chlorophenyl phenyl ether	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
4-Methylphenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
4-Nitroaniline	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
4-Nitrophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Acenaphthene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Acenaphthylene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Acetophenone	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Anthracene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Atrazine	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Benz(a)anthracene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Benzaldehyde	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Benzo(a)pyrene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Benzo(b)fluoranthene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Benzo(g,h,i)perylene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Benzo(k)fluoranthene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Bis(2-chloroethoxy)methane	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Bis(2-chloroethyl)ether	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Bis(2-chloroisopropyl)ether	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 8-10
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:22:00 PM
Lab ID:	1511P28-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Butyl benzyl phthalate	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Caprolactam	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Carbazole	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Chrysene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Di-n-butyl phthalate	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Di-n-octyl phthalate	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Dibenz(a,h)anthracene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Dibenzofuran	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Diethyl phthalate	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Dimethyl phthalate	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Fluoranthene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Fluorene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Hexachlorobenzene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Hexachlorobutadiene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Hexachlorocyclopentadiene	BRL	0.79		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Hexachloroethane	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Indeno(1,2,3-cd)pyrene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Isophorone	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
N-Nitrosodi-n-propylamine	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
N-Nitrosodiphenylamine	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Naphthalene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Nitrobenzene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Pentachlorophenol	BRL	2.0		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Phenanthrene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Phenol	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Pyrene	BRL	0.39		mg/Kg-dry	216569	1	12/02/2015 21:20	YH
Surr: 2,4,6-Tribromophenol	103	41-128		%REC	216569	1	12/02/2015 21:20	YH
Surr: 2-Fluorobiphenyl	84.9	47-120		%REC	216569	1	12/02/2015 21:20	YH
Surr: 2-Fluorophenol	76.4	38.3-120		%REC	216569	1	12/02/2015 21:20	YH
Surr: 4-Terphenyl-d14	91	51.4-125		%REC	216569	1	12/02/2015 21:20	YH
Surr: Nitrobenzene-d5	93.8	40.1-120		%REC	216569	1	12/02/2015 21:20	YH
Surr: Phenol-d5	85.8	40.3-120		%REC	216569	1	12/02/2015 21:20	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,1,2,2-Tetrachloroethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,1,2-Trichloroethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,1-Dichloroethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,1-Dichloroethene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,2,4-Trichlorobenzene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 8-10
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:22:00 PM
Lab ID:	1511P28-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,2-Dibromoethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,2-Dichlorobenzene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,2-Dichloroethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,2-Dichloropropane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,3-Dichlorobenzene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
1,4-Dichlorobenzene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
2-Butanone	BRL	0.040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
2-Hexanone	BRL	0.0079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
4-Methyl-2-pentanone	BRL	0.0079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Acetone	BRL	0.079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Benzene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Bromodichloromethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Bromoform	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Bromomethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Carbon disulfide	BRL	0.0079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Carbon tetrachloride	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Chlorobenzene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Chloroethane	BRL	0.0079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Chloroform	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Chloromethane	BRL	0.0079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
cis-1,2-Dichloroethene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
cis-1,3-Dichloropropene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Cyclohexane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Dibromochloromethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Dichlorodifluoromethane	BRL	0.0079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Ethylbenzene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Freon-113	BRL	0.0079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Isopropylbenzene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
m,p-Xylene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Methyl acetate	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Methyl tert-butyl ether	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Methylcyclohexane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Methylene chloride	BRL	0.016		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
o-Xylene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Styrene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Tetrachloroethene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Toluene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
trans-1,2-Dichloroethene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
trans-1,3-Dichloropropene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Trichloroethene	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A 8-10
Project Name:	Allied Services	**Collection Date:**	11/25/2015 12:22:00 PM
Lab ID:	1511P28-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Trichlorofluoromethane	BRL	0.0040		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Vinyl chloride	BRL	0.0079		mg/Kg-dry	216650	1	12/02/2015 10:57	CG
Surr: 4-Bromofluorobenzene	89.8	70-128		%REC	216650	1	12/02/2015 10:57	CG
Surr: Dibromofluoromethane	102	78.2-128		%REC	216650	1	12/02/2015 10:57	CG
Surr: Toluene-d8	93.2	76.5-116		%REC	216650	1	12/02/2015 10:57	CG
Laboratory Hydrogen Ion (pH) SW9045D				**(SW9045D)**				
pH	5.77	0.01	H	pH Units	216616	1	12/01/2015 10:00	JS
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.65		mg/Kg-dry	216545	1	12/01/2015 19:31	IO
Barium	71.7	5.65		mg/Kg-dry	216545	1	12/01/2015 19:31	IO
Cadmium	BRL	2.83		mg/Kg-dry	216545	1	12/01/2015 19:31	IO
Chromium	21.7	2.83		mg/Kg-dry	216545	1	12/01/2015 19:31	IO
Lead	10.2	5.65		mg/Kg-dry	216545	1	12/02/2015 19:01	IO
Selenium	BRL	5.65		mg/Kg-dry	216545	1	12/01/2015 19:31	IO
Silver	BRL	2.83		mg/Kg-dry	216545	1	12/01/2015 19:31	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.2	0		wt%	R305652	1	12/03/2015 10:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK
Project Name:	Allied Services	**Collection Date:**	11/27/2015
Lab ID:	1511P28-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,2-Dichloroethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
2-Butanone	BRL	50		ug/L	216624	1	12/01/2015 21:55	CH
2-Hexanone	BRL	10		ug/L	216624	1	12/01/2015 21:55	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216624	1	12/01/2015 21:55	CH
Acetone	BRL	50		ug/L	216624	1	12/01/2015 21:55	CH
Benzene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Bromodichloromethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Bromoform	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Bromomethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Carbon disulfide	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Carbon tetrachloride	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Chlorobenzene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Chloroethane	BRL	10		ug/L	216624	1	12/01/2015 21:55	CH
Chloroform	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Chloromethane	BRL	10		ug/L	216624	1	12/01/2015 21:55	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Cyclohexane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Dibromochloromethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Dichlorodifluoromethane	BRL	10		ug/L	216624	1	12/01/2015 21:55	CH
Ethylbenzene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Freon-113	BRL	10		ug/L	216624	1	12/01/2015 21:55	CH
Isopropylbenzene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
m,p-Xylene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Methyl acetate	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Methylcyclohexane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Methylene chloride	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
o-Xylene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 7-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK
Project Name:	Allied Services	**Collection Date:**	11/27/2015
Lab ID:	1511P28-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Tetrachloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Toluene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Trichloroethene	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216624	1	12/01/2015 21:55	CH
Vinyl chloride	BRL	2.0		ug/L	216624	1	12/01/2015 21:55	CH
Surr: 4-Bromofluorobenzene	82	70.7-125		%REC	216624	1	12/01/2015 21:55	CH
Surr: Dibromofluoromethane	97.4	82.2-120		%REC	216624	1	12/01/2015 21:55	CH
Surr: Toluene-d8	94.9	81.8-120		%REC	216624	1	12/01/2015 21:55	CH

Qualifiers:

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Sailors Eng. Work Order Number 1511P28

Checklist completed by [signature] 11/27/15
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°≤6°C)* Yes ✓ No __

Cooler #1 3.8 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 ✓ TR 11/27/15 No ✓

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

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

Analytical Environmental Services, Inc

Date: 7-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Lab Order: 1511P28

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1511P28-001A	B-5 3-5	11/24/2015 3:25:00PM	Soil	TCL VOLATILE ORGANICS		12/2/2015 10:08:00AM	12/02/2015
1511P28-001B	B-5 3-5	11/24/2015 3:25:00PM	Soil	Laboratory Hydrogen Ion (pH)		12/1/2015 10:00:00AM	12/01/2015
1511P28-001B	B-5 3-5	11/24/2015 3:25:00PM	Soil	PERCENT MOISTURE			12/03/2015
1511P28-001C	B-5 3-5	11/24/2015 3:25:00PM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/01/2015
1511P28-001C	B-5 3-5	11/24/2015 3:25:00PM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/02/2015
1511P28-001C	B-5 3-5	11/24/2015 3:25:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511P28-001C	B-5 3-5	11/24/2015 3:25:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511P28-002A	MW-7 5-7	11/25/2015 9:57:00AM	Soil	TCL VOLATILE ORGANICS		12/2/2015 10:08:00AM	12/02/2015
1511P28-002B	MW-7 5-7	11/25/2015 9:57:00AM	Soil	Laboratory Hydrogen Ion (pH)		12/1/2015 10:00:00AM	12/01/2015
1511P28-002B	MW-7 5-7	11/25/2015 9:57:00AM	Soil	PERCENT MOISTURE			12/03/2015
1511P28-002C	MW-7 5-7	11/25/2015 9:57:00AM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/01/2015
1511P28-002C	MW-7 5-7	11/25/2015 9:57:00AM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/02/2015
1511P28-002C	MW-7 5-7	11/25/2015 9:57:00AM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511P28-002C	MW-7 5-7	11/25/2015 9:57:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511P28-003A	MW-7 8-10	11/25/2015 10:05:00AM	Soil	TCL VOLATILE ORGANICS		12/2/2015 10:08:00AM	12/02/2015
1511P28-003B	MW-7 8-10	11/25/2015 10:05:00AM	Soil	Laboratory Hydrogen Ion (pH)		12/1/2015 10:00:00AM	12/01/2015
1511P28-003B	MW-7 8-10	11/25/2015 10:05:00AM	Soil	PERCENT MOISTURE			12/03/2015
1511P28-003C	MW-7 8-10	11/25/2015 10:05:00AM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/01/2015
1511P28-003C	MW-7 8-10	11/25/2015 10:05:00AM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/02/2015
1511P28-003C	MW-7 8-10	11/25/2015 10:05:00AM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511P28-003C	MW-7 8-10	11/25/2015 10:05:00AM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511P28-004A	MW-3A 0-3	11/25/2015 12:04:00PM	Soil	TCL VOLATILE ORGANICS		12/2/2015 10:08:00AM	12/03/2015
1511P28-004B	MW-3A 0-3	11/25/2015 12:04:00PM	Soil	Laboratory Hydrogen Ion (pH)		12/1/2015 10:00:00AM	12/01/2015
1511P28-004B	MW-3A 0-3	11/25/2015 12:04:00PM	Soil	PERCENT MOISTURE			12/03/2015
1511P28-004C	MW-3A 0-3	11/25/2015 12:04:00PM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/01/2015
1511P28-004C	MW-3A 0-3	11/25/2015 12:04:00PM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/02/2015
1511P28-004C	MW-3A 0-3	11/25/2015 12:04:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511P28-004C	MW-3A 0-3	11/25/2015 12:04:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511P28-005A	MW-3A 3-5	11/25/2015 12:11:00PM	Soil	TCL VOLATILE ORGANICS		12/2/2015 10:08:00AM	12/02/2015

Analytical Environmental Services, Inc

Date: 7-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Lab Order: 1511P28

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1511P28-005B	MW-3A 3-5	11/25/2015 12:11:00PM	Soil	Laboratory Hydrogen Ion (pH)		12/1/2015 10:00:00AM	12/01/2015
1511P28-005B	MW-3A 3-5	11/25/2015 12:11:00PM	Soil	PERCENT MOISTURE			12/03/2015
1511P28-005C	MW-3A 3-5	11/25/2015 12:11:00PM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/01/2015
1511P28-005C	MW-3A 3-5	11/25/2015 12:11:00PM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/02/2015
1511P28-005C	MW-3A 3-5	11/25/2015 12:11:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511P28-005C	MW-3A 3-5	11/25/2015 12:11:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511P28-006A	MW-3A 8-10	11/25/2015 12:22:00PM	Soil	TCL VOLATILE ORGANICS		12/2/2015 10:08:00AM	12/02/2015
1511P28-006B	MW-3A 8-10	11/25/2015 12:22:00PM	Soil	Laboratory Hydrogen Ion (pH)		12/1/2015 10:00:00AM	12/01/2015
1511P28-006B	MW-3A 8-10	11/25/2015 12:22:00PM	Soil	PERCENT MOISTURE			12/03/2015
1511P28-006C	MW-3A 8-10	11/25/2015 12:22:00PM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/01/2015
1511P28-006C	MW-3A 8-10	11/25/2015 12:22:00PM	Soil	TOTAL METALS BY ICP		12/1/2015 10:43:00AM	12/02/2015
1511P28-006C	MW-3A 8-10	11/25/2015 12:22:00PM	Soil	MERCURY		12/1/2015 9:15:00AM	12/01/2015
1511P28-006C	MW-3A 8-10	11/25/2015 12:22:00PM	Soil	TCL-SEMIVOLATILE ORGANICS		12/1/2015 2:00:00PM	12/02/2015
1511P28-007A	TRIP BLANK	11/27/2015 12:00:00AM	Aqueous	TCL VOLATILE ORGANICS		12/1/2015 12:29:00PM	12/01/2015

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: **216545**

Sample ID: **MB-216545** Client ID: Units: **mg/Kg** Prep Date: **11/30/2015** Run No: **305385**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216545** Analysis Date: **11/30/2015** Seq No: **6542716**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID: **LCS-216545** Client ID: Units: **mg/Kg** Prep Date: **11/30/2015** Run No: **305385**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216545** Analysis Date: **11/30/2015** Seq No: **6542719**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	45.46	5.00	50.00		90.9	80	120				
Barium	46.62	5.00	50.00		93.2	80	120				
Cadmium	45.49	2.50	50.00		91.0	80	120				
Chromium	46.91	2.50	50.00	0.07610	93.7	80	120				
Lead	45.57	5.00	50.00		91.1	80	120				
Selenium	45.82	5.00	50.00		91.6	80	120				
Silver	4.563	2.50	5.000		91.3	80	120				

Sample ID: **1511P40-001CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305385**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **216545** Analysis Date: **11/30/2015** Seq No: **6542721**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	61.70	6.92	69.24		89.1	75	125				
Barium	281.6	6.92	69.24	199.3	119	75	125				
Cadmium	63.66	3.46	69.24		91.9	75	125				
Chromium	65.86	3.46	69.24	1.627	92.8	75	125				

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

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216545

Sample ID: **1511P40-001CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305385**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **216545** Analysis Date: **11/30/2015** Seq No: **6542721**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	62.91	6.92	69.24	2.530	87.2	75	125				
Selenium	61.80	6.92	69.24	0.5696	88.4	75	125				
Silver	6.120	3.46	6.924		88.4	75	125				

Sample ID: **1511P40-001CMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305385**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010C** BatchID: **216545** Analysis Date: **11/30/2015** Seq No: **6542722**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	62.32	6.92	69.21		90.0	75	125	61.70	0.993	20	
Barium	271.2	6.92	69.21	199.3	104	75	125	281.6	3.77	20	
Cadmium	63.64	3.46	69.21		92.0	75	125	63.66	0.028	20	
Chromium	65.93	3.46	69.21	1.627	92.9	75	125	65.86	0.103	20	
Lead	62.52	6.92	69.21	2.530	86.7	75	125	62.91	0.622	20	
Selenium	63.54	6.92	69.21	0.5696	91.0	75	125	61.80	2.77	20	
Silver	6.090	3.46	6.921		88.0	75	125	6.120	0.490	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: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216546

Sample ID: **MB-216546** Client ID: Units: **mg/Kg** Prep Date: **11/30/2015** Run No: **305345**
SampleType: **MBLK** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216546** Analysis Date: **11/30/2015** Seq No: **6542326**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-216546** Client ID: Units: **mg/Kg** Prep Date: **11/30/2015** Run No: **305345**
SampleType: **LCS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216546** Analysis Date: **11/30/2015** Seq No: **6542327**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4458	0.100	0.4000		111	80	120				

Sample ID: **1511P40-001CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305345**
SampleType: **MS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216546** Analysis Date: **11/30/2015** Seq No: **6542329**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.6780	0.145	0.5794		117	70	130				

Sample ID: **1511P40-001CMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **11/30/2015** Run No: **305345**
SampleType: **MSD** TestCode: **TOTAL MERCURY SW7471B** BatchID: **216546** Analysis Date: **11/30/2015** Seq No: **6542330**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.6593	0.144	0.5749		115	70	130	0.6780	2.79	30	

Qualifiers:

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

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **MB-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305557**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/01/2015** Seq No: **6547213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3´-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									

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: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **MB-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305557**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/01/2015** Seq No: **6547213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									

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: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **MB-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305557**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/01/2015** Seq No: **6547213**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2486	0	3333		74.6	41	128				
Surr: 2-Fluorobiphenyl	1363	0	1667		81.8	47	120				
Surr: 2-Fluorophenol	2693	0	3333		80.8	38.3	120				
Surr: 4-Terphenyl-d14	1578	0	1667		94.7	51.4	125				
Surr: Nitrobenzene-d5	1321	0	1667		79.3	40.1	120				
Surr: Phenol-d5	2872	0	3333		86.2	40.3	120				

Sample ID: **LCS-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6547939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3019	330	3333		90.6	56.9	120				
2-Chlorophenol	3052	330	3333		91.6	51	120				
4-Chloro-3-methylphenol	3353	330	3333		101	54	120				
4-Nitrophenol	2690	1700	3333		80.7	40.7	120				
Acenaphthene	3115	330	3333		93.5	57.9	120				
N-Nitrosodi-n-propylamine	3656	330	3333		110	56.5	124				

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: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **LCS-216569** Client ID: Units: **ug/Kg** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6547939**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	2014	1700	3333		60.4	41.8	120				
Phenol	3035	330	3333		91.0	50.1	120				
Pyrene	3677	330	3333		110	59.4	120				
Surr: 2,4,6-Tribromophenol	2830	0	3333		84.9	41	128				
Surr: 2-Fluorobiphenyl	1570	0	1667		94.2	47	120				
Surr: 2-Fluorophenol	2948	0	3333		88.4	38.3	120				
Surr: 4-Terphenyl-d14	1767	0	1667		106	51.4	125				
Surr: Nitrobenzene-d5	1608	0	1667		96.5	40.1	120				
Surr: Phenol-d5	3384	0	3333		102	40.3	120				

Sample ID: **1511P28-001CMS** Client ID: **B-5 3-5** Units: **mg/Kg-dry** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6548614**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3.352	0.41	4129		81.2	41.7	120				
2-Chlorophenol	3.136	0.41	4129		76.0	42.9	120				
4-Chloro-3-methylphenol	3.752	0.41	4129		90.9	41.1	120				
4-Nitrophenol	4.522	2.1	4129		110	32	120				
Acenaphthene	3.548	0.41	4129		85.9	51.5	120				
N-Nitrosodi-n-propylamine	4.049	0.41	4129		98.1	50.2	120				
Pentachlorophenol	3.007	2.1	4129		72.8	38.4	120				
Phenol	3.235	0.41	4129		78.4	41.5	120				
Pyrene	4.107	0.41	4129		99.5	45.2	120				
Surr: 2,4,6-Tribromophenol	3.445	0	4129		83.4	41	128				
Surr: 2-Fluorobiphenyl	1.751	0	2065		84.8	47	120				
Surr: 2-Fluorophenol	2.975	0	4129		72.0	38.3	120				
Surr: 4-Terphenyl-d14	1.971	0	2065		95.5	51.4	125				
Surr: Nitrobenzene-d5	1.734	0	2065		84.0	40.1	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: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216569

Sample ID: **1511P28-001CMS** Client ID: **B-5 3-5** Units: **mg/Kg-dry** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6548614**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	3.424	0	4129		82.9	40.3	120				

Sample ID: **1511P28-001CMSD** Client ID: **B-5 3-5** Units: **mg/Kg-dry** Prep Date: **12/01/2015** Run No: **305575**
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216569** Analysis Date: **12/02/2015** Seq No: **6548616**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3.282	0.41	4129		79.5	41.7	120	3345	1.89	33.1	
2-Chlorophenol	2.988	0.41	4129		72.4	42.9	120	2989	0.041	30.7	
4-Chloro-3-methylphenol	3.658	0.41	4129		88.6	41.1	120	3863	5.46	40.5	
4-Nitrophenol	3.228	2.1	4129		78.2	32	120	2955	8.83	37.9	
Acenaphthene	3.425	0.41	4129		82.9	51.5	120	3669	6.89	26.3	
N-Nitrosodi-n-propylamine	3.818	0.41	4129		92.5	50.2	120	3977	4.07	34.9	
Pentachlorophenol	2.748	2.1	4129		66.6	38.4	120	2639	4.06	35.9	
Phenol	2.949	0.41	4129		71.4	41.5	120	3055	3.52	37.4	
Pyrene	4.015	0.41	4129		97.2	45.2	120	4174	3.89	35	
Surr: 2,4,6-Tribromophenol	3.364	0	4129		81.5	41	128	3505	0	0	
Surr: 2-Fluorobiphenyl	1.713	0	2065		83.0	47	120	1806	0	0	
Surr: 2-Fluorophenol	2.849	0	4129		69.0	38.3	120	2969	0	0	
Surr: 4-Terphenyl-d14	1.896	0	2065		91.9	51.4	125	1986	0	0	
Surr: Nitrobenzene-d5	1.602	0	2065		77.6	40.1	120	1748	0	0	
Surr: Phenol-d5	3.278	0	4129		79.4	40.3	120	3359	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: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216616

Sample ID: **LCS-216616** Client ID: Units: **pH Units** Prep Date: **12/01/2015** Run No: **305510**
SampleType: **LCS** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216616** Analysis Date: **12/01/2015** Seq No: **6545761**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	6.970	0.01	7.000		99.6	90	110				

Sample ID: **1511P28-001BDUP** Client ID: **B-5 3-5** Units: **pH Units** Prep Date: **12/01/2015** Run No: **305510**
SampleType: **DUP** TestCode: **Laboratory Hydrogen Ion (pH) SW9045D** BatchID: **216616** Analysis Date: **12/01/2015** Seq No: **6545768**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
pH	5.930	0.01						5.950	0.337	10	H

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

Date: 7-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216624

Sample ID: **MB-216624** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6545886**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

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

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216624

Sample ID: **MB-216624** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6545886**

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	43.45	0	50.00		86.9	70.7	125				
Surr: Dibromofluoromethane	49.79	0	50.00		99.6	82.2	120				
Surr: Toluene-d8	51.14	0	50.00		102	81.8	120				

Qualifiers:

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

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: **216624**

Sample ID: **LCS-216624** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6545884**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.59	5.0	50.00		113	64.2	137				
Benzene	51.33	5.0	50.00		103	72.8	128				
Chlorobenzene	52.44	5.0	50.00		105	72.3	126				
Toluene	52.22	5.0	50.00		104	74.9	127				
Trichloroethene	55.59	5.0	50.00		111	70.5	134				
Surr: 4-Bromofluorobenzene	44.49	0	50.00		89.0	70.7	125				
Surr: Dibromofluoromethane	45.57	0	50.00		91.1	82.2	120				
Surr: Toluene-d8	45.54	0	50.00		91.1	81.8	120				

Sample ID: **1511O64-011AMS** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6546272**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	601.9	50	500.0	8.290	119	60.5	156				
Benzene	532.9	50	500.0	1.150	106	70	135				
Chlorobenzene	524.5	50	500.0		105	70.5	132				
Toluene	537.2	50	500.0	1.630	107	70.5	137				
Trichloroethene	539.7	50	500.0	2.760	107	71.8	139				
Surr: 4-Bromofluorobenzene	426.3	0	500.0		85.3	70.7	125				
Surr: Dibromofluoromethane	510.4	0	500.0		102	82.2	120				
Surr: Toluene-d8	486.7	0	500.0		97.3	81.8	120				

Sample ID: **1511O64-011AMSD** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6546273**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	588.7	50	500.0	8.290	116	60.5	156	601.9	2.22	20	
Benzene	504.4	50	500.0	1.150	101	70	135	532.9	5.50	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: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: **216624**

Sample ID: **1511O64-011AMSD** Client ID: Units: **ug/L** Prep Date: **12/01/2015** Run No: **305517**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216624** Analysis Date: **12/01/2015** Seq No: **6546273**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	501.5	50	500.0		100	70.5	132	524.5	4.48	20	
Toluene	505.2	50	500.0	1.630	101	70.5	137	537.2	6.14	20	
Trichloroethene	596.5	50	500.0	2.760	119	71.8	139	539.7	10.00	20	
Surr: 4-Bromofluorobenzene	413.9	0	500.0		82.8	70.7	125	426.3	0	0	
Surr: Dibromofluoromethane	504.3	0	500.0		101	82.2	120	510.4	0	0	
Surr: Toluene-d8	480.7	0	500.0		96.1	81.8	120	486.7	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

Date: 7-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216650

Sample ID: **MB-216650** Client ID: Units: **ug/Kg** Prep Date: **12/02/2015** Run No: **305573**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216650** Analysis Date: **12/02/2015** Seq No: **6548263**

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: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216650

Sample ID: **MB-216650** Client ID: Units: **ug/Kg** Prep Date: **12/02/2015** Run No: **305573**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216650** Analysis Date: **12/02/2015** Seq No: **6548263**

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	46.45	0	50.00		92.9	70	128				
Surr: Dibromofluoromethane	52.10	0	50.00		104	78.2	128				
Surr: Toluene-d8	47.35	0	50.00		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		

Analytical Environmental Services, Inc

Date: 7-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216650

Sample ID: **LCS-216650** Client ID: Units: **ug/Kg** Prep Date: **12/02/2015** Run No: **305573**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216650** Analysis Date: **12/02/2015** Seq No: **6548262**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	62.95	5.0	50.00		126	69.9	145				
Benzene	56.32	5.0	50.00		113	72.3	130				
Chlorobenzene	56.52	5.0	50.00		113	69	130				
Toluene	54.72	5.0	50.00		109	71.1	130				
Trichloroethene	58.07	5.0	50.00		116	71.7	136				
Surr: 4-Bromofluorobenzene	44.91	0	50.00		89.8	70	128				
Surr: Dibromofluoromethane	47.78	0	50.00		95.6	78.2	128				
Surr: Toluene-d8	45.32	0	50.00		90.6	76.5	116				

Sample ID: **1511P28-001AMS** Client ID: **B-5 3-5** Units: **mg/Kg-dry** Prep Date: **12/02/2015** Run No: **305573**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216650** Analysis Date: **12/02/2015** Seq No: **6548271**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.07960	0.0062	61.93		129	56.6	151				
Benzene	0.06532	0.0062	61.93		105	70.4	130				
Chlorobenzene	0.06652	0.0062	61.93		107	67.5	132				
Toluene	0.06624	0.0062	61.93		107	70.4	130				
Trichloroethene	0.06757	0.0062	61.93		109	70.1	137				
Surr: 4-Bromofluorobenzene	0.05525	0	61.93		89.2	70	128				
Surr: Dibromofluoromethane	0.06149	0	61.93		99.3	78.2	128				
Surr: Toluene-d8	0.05635	0	61.93		91.0	76.5	116				

Sample ID: **1511P28-001AMSD** Client ID: **B-5 3-5** Units: **mg/Kg-dry** Prep Date: **12/02/2015** Run No: **305573**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216650** Analysis Date: **12/02/2015** Seq No: **6548272**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	0.08039	0.0062	61.93		130	56.6	151	79.60	0.991	20.4	
Benzene	0.06819	0.0062	61.93		110	70.4	130	65.32	4.31	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

Analytical Environmental Services, Inc

Date: 7-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied Services
Workorder: 1511P28

ANALYTICAL QC SUMMARY REPORT

BatchID: 216650

Sample ID: **1511P28-001AMSD** Client ID: **B-5 3-5** Units: **mg/Kg-dry** Prep Date: **12/02/2015** Run No: **305573**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216650** Analysis Date: **12/02/2015** Seq No: **6548272**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	0.06865	0.0062	61.93		111	67.5	132	66.52	3.15	14.6	
Toluene	0.06903	0.0062	61.93		111	70.4	130	66.24	4.12	16.6	
Trichloroethene	0.07016	0.0062	61.93		113	70.1	137	67.57	3.76	17	
Surr: 4-Bromofluorobenzene	0.05516	0	61.93		89.1	70	128	55.25	0	0	
Surr: Dibromofluoromethane	0.06197	0	61.93		100	78.2	128	61.49	0	0	
Surr: Toluene-d8	0.05634	0	61.93		91.0	76.5	116	56.35	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		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 10, 2015

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

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

RE: Allied

Dear Michael Haller: Order No: 1512202

Analytical Environmental Services, Inc. received 10 samples on 12/2/2015 3:00:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

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

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

Dorothy deBruyn
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1512202

Date: _____ Page _____ of _____

COMPANY: Sailors Eng.
ADDRESS:
PHONE: 770 962-5922
FAX:
SAMPLED BY: Kirard/Cazzari
SIGNATURE:

ANALYSIS REQUESTED: 8260 VOCs; 8270 SVOCs; RCRA metals

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	HCl	N	HNO3	REMARKS	No # of Containers
1	MW-1	2-2-15	14:38			GW	X	X	X		5
2	MW-2	12-2-15	12:12				X	X	X		5
3	MW-3A	12-1-15	13:37				X	X	X		5
4	MW-4	12-1-15	16:02				X	X	X		5
5	MW-5	12-1-15	14:53				X	X	X		5
6	MW-6	12-2-15	13:32				X	X	X		5
7	MW-7	12-1-15	12:04				X	X	X		5
8	Trip Blank						X				
9	~~Trip Blank~~										
10											
11											
12											
13											
14											

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	12/2/15 15:40	1: Nalia Gla	12-2-15 15:40
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Allied
PROJECT #: 152-079
SITE ADDRESS: Armour Dr.
SEND REPORT TO:
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 35

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

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

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

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

White Copy - Original; Yellow Copy - Client

Client: Sailors Engineering Associates
Project: Allied
Lab ID: 1512202

Case Narrative

Sample Receiving Nonconformance:

Vials for sample TRIP BLANK 3 were received with headspace present as signified by >1/4 inch bubble present.

Metals Analysis by Method 6010C:

Due to sample matrix, sample 1512202-001C required dilution during analysis resulting in elevated reporting limits for selenium.

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1
Project Name:	Allied	**Collection Date:**	12/2/2015 2:38:00 PM
Lab ID:	1512202-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3510C)**			
1,1´-Biphenyl	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	216668	1	12/03/2015 13:22	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2,4-Dichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2,4-Dimethylphenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2,4-Dinitrophenol	BRL	25		ug/L	216668	1	12/03/2015 13:22	YH
2,4-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2,6-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2-Chloronaphthalene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2-Chlorophenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2-Methylnaphthalene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
2-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 13:22	YH
2-Nitrophenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
3,3´-Dichlorobenzidine	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
3-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 13:22	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	216668	1	12/03/2015 13:22	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
4-Chloroaniline	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
4-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
4-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 13:22	YH
4-Nitrophenol	BRL	25		ug/L	216668	1	12/03/2015 13:22	YH
Acenaphthene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Acenaphthylene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Acetophenone	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Anthracene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Atrazine	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Benz(a)anthracene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Benzaldehyde	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Benzo(a)pyrene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Benzo(b)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Benzo(k)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Butyl benzyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Caprolactam	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1
Project Name:	Allied	**Collection Date:**	12/2/2015 2:38:00 PM
Lab ID:	1512202-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3510C)**				
Carbazole	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Chrysene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Di-n-butyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Di-n-octyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Dibenzofuran	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Diethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Dimethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Fluorene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Hexachlorobenzene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Hexachlorobutadiene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Hexachloroethane	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Isophorone	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Naphthalene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Nitrobenzene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Pentachlorophenol	BRL	25		ug/L	216668	1	12/03/2015 13:22	YH
Phenanthrene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Phenol	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Pyrene	BRL	10		ug/L	216668	1	12/03/2015 13:22	YH
Surr: 2,4,6-Tribromophenol	112	51.5-141		%REC	216668	1	12/03/2015 13:22	YH
Surr: 2-Fluorobiphenyl	84.6	50.8-122		%REC	216668	1	12/03/2015 13:22	YH
Surr: 2-Fluorophenol	61	28.1-120		%REC	216668	1	12/03/2015 13:22	YH
Surr: 4-Terphenyl-d14	86.1	47.2-131		%REC	216668	1	12/03/2015 13:22	YH
Surr: Nitrobenzene-d5	91.9	42.1-124		%REC	216668	1	12/03/2015 13:22	YH
Surr: Phenol-d5	54.2	16-120		%REC	216668	1	12/03/2015 13:22	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1
Project Name:	Allied	**Collection Date:**	12/2/2015 2:38:00 PM
Lab ID:	1512202-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
2-Butanone	BRL	50		ug/L	216713	1	12/03/2015 20:39	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/03/2015 20:39	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/03/2015 20:39	CH
Acetone	BRL	50		ug/L	216713	1	12/03/2015 20:39	CH
Benzene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Chloroethane	BRL	10		ug/L	216713	1	12/03/2015 20:39	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Chloromethane	BRL	10		ug/L	216713	1	12/03/2015 20:39	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/03/2015 20:39	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Freon-113	BRL	10		ug/L	216713	1	12/03/2015 20:39	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Styrene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Toluene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Trichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/03/2015 20:39	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/03/2015 20:39	CH
Surr: 4-Bromofluorobenzene	85.9	70.7-125		%REC	216713	1	12/03/2015 20:39	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-1
Project Name:	Allied	**Collection Date:**	12/2/2015 2:38:00 PM
Lab ID:	1512202-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
Surr: Dibromofluoromethane	104	82.2-120		%REC	216713	1	12/03/2015 20:39	CH
Surr: Toluene-d8	99.7	81.8-120		%REC	216713	1	12/03/2015 20:39	CH
Mercury, Total SW7470A					**(SW7470A)**			
Mercury	BRL	0.00020		mg/L	216720	1	12/04/2015 14:05	JR
METALS, TOTAL SW6010C					**(SW3010A)**			
Arsenic	0.0767	0.0500		mg/L	216719	1	12/08/2015 12:27	JL
Barium	0.0360	0.0200		mg/L	216719	1	12/07/2015 21:14	JL
Cadmium	BRL	0.0050		mg/L	216719	1	12/07/2015 21:14	JL
Chromium	BRL	0.0100		mg/L	216719	1	12/07/2015 21:14	JL
Lead	0.0430	0.0100		mg/L	216719	1	12/07/2015 21:14	JL
Selenium	BRL	0.0400		mg/L	216719	2	12/09/2015 19:34	JL
Silver	BRL	0.0100		mg/L	216719	1	12/07/2015 21:14	JL

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2
Project Name:	Allied	**Collection Date:**	12/2/2015 12:12:00 PM
Lab ID:	1512202-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3510C)**			
1,1´-Biphenyl	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	216668	1	12/03/2015 14:44	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2,4-Dichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2,4-Dimethylphenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2,4-Dinitrophenol	BRL	25		ug/L	216668	1	12/03/2015 14:44	YH
2,4-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2,6-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2-Chloronaphthalene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2-Chlorophenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2-Methylnaphthalene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
2-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 14:44	YH
2-Nitrophenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
3,3´-Dichlorobenzidine	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
3-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 14:44	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	216668	1	12/03/2015 14:44	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
4-Chloroaniline	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
4-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
4-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 14:44	YH
4-Nitrophenol	BRL	25		ug/L	216668	1	12/03/2015 14:44	YH
Acenaphthene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Acenaphthylene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Acetophenone	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Anthracene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Atrazine	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Benz(a)anthracene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Benzaldehyde	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Benzo(a)pyrene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Benzo(b)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Benzo(k)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Butyl benzyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Caprolactam	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2
Project Name:	Allied	**Collection Date:**	12/2/2015 12:12:00 PM
Lab ID:	1512202-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3510C)**				
Carbazole	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Chrysene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Di-n-butyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Di-n-octyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Dibenzofuran	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Diethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Dimethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Fluorene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Hexachlorobenzene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Hexachlorobutadiene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Hexachloroethane	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Isophorone	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Naphthalene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Nitrobenzene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Pentachlorophenol	BRL	25		ug/L	216668	1	12/03/2015 14:44	YH
Phenanthrene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Phenol	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Pyrene	BRL	10		ug/L	216668	1	12/03/2015 14:44	YH
Surr: 2,4,6-Tribromophenol	108	51.5-141		%REC	216668	1	12/03/2015 14:44	YH
Surr: 2-Fluorobiphenyl	87.8	50.8-122		%REC	216668	1	12/03/2015 14:44	YH
Surr: 2-Fluorophenol	53.1	28.1-120		%REC	216668	1	12/03/2015 14:44	YH
Surr: 4-Terphenyl-d14	66.3	47.2-131		%REC	216668	1	12/03/2015 14:44	YH
Surr: Nitrobenzene-d5	95.6	42.1-124		%REC	216668	1	12/03/2015 14:44	YH
Surr: Phenol-d5	36.9	16-120		%REC	216668	1	12/03/2015 14:44	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2
Project Name:	Allied	**Collection Date:**	12/2/2015 12:12:00 PM
Lab ID:	1512202-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
2-Butanone	BRL	50		ug/L	216713	1	12/03/2015 22:23	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/03/2015 22:23	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/03/2015 22:23	CH
Acetone	BRL	50		ug/L	216713	1	12/03/2015 22:23	CH
Benzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Chloroethane	BRL	10		ug/L	216713	1	12/03/2015 22:23	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Chloromethane	BRL	10		ug/L	216713	1	12/03/2015 22:23	CH
cis-1,2-Dichloroethene	150	5.0		ug/L	216713	1	12/03/2015 22:23	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/03/2015 22:23	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Freon-113	BRL	10		ug/L	216713	1	12/03/2015 22:23	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Styrene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Toluene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Trichloroethene	180	50		ug/L	216713	10	12/04/2015 02:41	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:23	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/03/2015 22:23	CH
Surr: 4-Bromofluorobenzene	80	70.7-125		%REC	216713	10	12/04/2015 02:41	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-2
Project Name:	Allied	**Collection Date:**	12/2/2015 12:12:00 PM
Lab ID:	1512202-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Surr: 4-Bromofluorobenzene	84	70.7-125		%REC	216713	1	12/03/2015 22:23	CH
Surr: Dibromofluoromethane	93.7	82.2-120		%REC	216713	10	12/04/2015 02:41	CH
Surr: Dibromofluoromethane	104	82.2-120		%REC	216713	1	12/03/2015 22:23	CH
Surr: Toluene-d8	91.4	81.8-120		%REC	216713	10	12/04/2015 02:41	CH
Surr: Toluene-d8	97	81.8-120		%REC	216713	1	12/03/2015 22:23	CH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	216720	1	12/04/2015 14:17	JR
METALS, TOTAL SW6010C				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	216719	1	12/07/2015 21:17	JL
Barium	0.0918	0.0200		mg/L	216719	1	12/07/2015 21:17	JL
Cadmium	BRL	0.0050		mg/L	216719	1	12/07/2015 21:17	JL
Chromium	0.0104	0.0100		mg/L	216719	1	12/07/2015 21:17	JL
Lead	BRL	0.0100		mg/L	216719	1	12/07/2015 21:17	JL
Selenium	BRL	0.0200		mg/L	216719	1	12/07/2015 21:17	JL
Silver	BRL	0.0100		mg/L	216719	1	12/07/2015 21:17	JL

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A
Project Name:	Allied	**Collection Date:**	12/1/2015 1:37:00 PM
Lab ID:	1512202-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3510C)**			
1,1´-Biphenyl	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	216668	1	12/03/2015 15:09	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2,4-Dichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2,4-Dimethylphenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2,4-Dinitrophenol	BRL	25		ug/L	216668	1	12/03/2015 15:09	YH
2,4-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2,6-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2-Chloronaphthalene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2-Chlorophenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2-Methylnaphthalene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
2-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 15:09	YH
2-Nitrophenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
3,3´-Dichlorobenzidine	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
3-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 15:09	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	216668	1	12/03/2015 15:09	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
4-Chloroaniline	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
4-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
4-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 15:09	YH
4-Nitrophenol	BRL	25		ug/L	216668	1	12/03/2015 15:09	YH
Acenaphthene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Acenaphthylene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Acetophenone	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Anthracene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Atrazine	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Benz(a)anthracene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Benzaldehyde	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Benzo(a)pyrene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Benzo(b)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Benzo(k)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Butyl benzyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Caprolactam	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A
Project Name:	Allied	**Collection Date:**	12/1/2015 1:37:00 PM
Lab ID:	1512202-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3510C)**				
Carbazole	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Chrysene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Di-n-butyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Di-n-octyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Dibenzofuran	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Diethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Dimethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Fluorene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Hexachlorobenzene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Hexachlorobutadiene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Hexachloroethane	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Isophorone	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Naphthalene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Nitrobenzene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Pentachlorophenol	BRL	25		ug/L	216668	1	12/03/2015 15:09	YH
Phenanthrene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Phenol	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Pyrene	BRL	10		ug/L	216668	1	12/03/2015 15:09	YH
Surr: 2,4,6-Tribromophenol	107	51.5-141		%REC	216668	1	12/03/2015 15:09	YH
Surr: 2-Fluorobiphenyl	81	50.8-122		%REC	216668	1	12/03/2015 15:09	YH
Surr: 2-Fluorophenol	45.7	28.1-120		%REC	216668	1	12/03/2015 15:09	YH
Surr: 4-Terphenyl-d14	78	47.2-131		%REC	216668	1	12/03/2015 15:09	YH
Surr: Nitrobenzene-d5	88	42.1-124		%REC	216668	1	12/03/2015 15:09	YH
Surr: Phenol-d5	31.5	16-120		%REC	216668	1	12/03/2015 15:09	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,1-Dichloroethene	6.4	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A
Project Name:	Allied	**Collection Date:**	12/1/2015 1:37:00 PM
Lab ID:	1512202-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
2-Butanone	BRL	50		ug/L	216713	1	12/03/2015 22:48	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/03/2015 22:48	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/03/2015 22:48	CH
Acetone	BRL	50		ug/L	216713	1	12/03/2015 22:48	CH
Benzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Chloroethane	BRL	10		ug/L	216713	1	12/03/2015 22:48	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Chloromethane	BRL	10		ug/L	216713	1	12/03/2015 22:48	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/03/2015 22:48	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Freon-113	BRL	10		ug/L	216713	1	12/03/2015 22:48	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Styrene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Toluene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Trichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/03/2015 22:48	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/03/2015 22:48	CH
Surr: 4-Bromofluorobenzene	82.5	70.7-125		%REC	216713	1	12/03/2015 22:48	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-3A
Project Name:	Allied	**Collection Date:**	12/1/2015 1:37:00 PM
Lab ID:	1512202-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
Surr: Dibromofluoromethane	98.8	82.2-120		%REC	216713	1	12/03/2015 22:48	CH
Surr: Toluene-d8	95.1	81.8-120		%REC	216713	1	12/03/2015 22:48	CH
Mercury, Total SW7470A					**(SW7470A)**			
Mercury	BRL	0.00020		mg/L	216720	1	12/04/2015 14:19	JR
METALS, TOTAL SW6010C					**(SW3010A)**			
Arsenic	BRL	0.0500		mg/L	216719	1	12/07/2015 21:26	JL
Barium	0.0974	0.0200		mg/L	216719	1	12/07/2015 21:26	JL
Cadmium	BRL	0.0050		mg/L	216719	1	12/07/2015 21:26	JL
Chromium	BRL	0.0100		mg/L	216719	1	12/07/2015 21:26	JL
Lead	BRL	0.0100		mg/L	216719	1	12/07/2015 21:26	JL
Selenium	BRL	0.0200		mg/L	216719	1	12/07/2015 21:26	JL
Silver	BRL	0.0100		mg/L	216719	1	12/07/2015 21:26	JL

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4
Project Name:	Allied	**Collection Date:**	12/1/2015 4:02:00 PM
Lab ID:	1512202-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3510C)**			
1,1´-Biphenyl	11	10		ug/L	216668	1	12/03/2015 15:35	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	216668	1	12/03/2015 15:35	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
2,4-Dichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
2,4-Dimethylphenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
2,4-Dinitrophenol	BRL	25		ug/L	216668	1	12/03/2015 15:35	YH
2,4-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
2,6-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
2-Chloronaphthalene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
2-Chlorophenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
2-Methylnaphthalene	120	10		ug/L	216668	1	12/03/2015 15:35	YH
2-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
2-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 15:35	YH
2-Nitrophenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
3,3´-Dichlorobenzidine	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
3-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 15:35	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	216668	1	12/03/2015 15:35	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
4-Chloroaniline	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
4-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
4-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 15:35	YH
4-Nitrophenol	BRL	25		ug/L	216668	1	12/03/2015 15:35	YH
Acenaphthene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Acenaphthylene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Acetophenone	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Anthracene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Atrazine	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Benz(a)anthracene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Benzaldehyde	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Benzo(a)pyrene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Benzo(b)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Benzo(k)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Butyl benzyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Caprolactam	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4
Project Name:	Allied	**Collection Date:**	12/1/2015 4:02:00 PM
Lab ID:	1512202-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3510C)**				
Carbazole	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Chrysene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Di-n-butyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Di-n-octyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Dibenzofuran	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Diethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Dimethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Fluorene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Hexachlorobenzene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Hexachlorobutadiene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Hexachloroethane	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Isophorone	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Naphthalene	71	10		ug/L	216668	1	12/03/2015 15:35	YH
Nitrobenzene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Pentachlorophenol	BRL	25		ug/L	216668	1	12/03/2015 15:35	YH
Phenanthrene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Phenol	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Pyrene	BRL	10		ug/L	216668	1	12/03/2015 15:35	YH
Surr: 2,4,6-Tribromophenol	115	51.5-141		%REC	216668	1	12/03/2015 15:35	YH
Surr: 2-Fluorobiphenyl	89.4	50.8-122		%REC	216668	1	12/03/2015 15:35	YH
Surr: 2-Fluorophenol	55.3	28.1-120		%REC	216668	1	12/03/2015 15:35	YH
Surr: 4-Terphenyl-d14	85.9	47.2-131		%REC	216668	1	12/03/2015 15:35	YH
Surr: Nitrobenzene-d5	103	42.1-124		%REC	216668	1	12/03/2015 15:35	YH
Surr: Phenol-d5	42.3	16-120		%REC	216668	1	12/03/2015 15:35	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4
Project Name:	Allied	**Collection Date:**	12/1/2015 4:02:00 PM
Lab ID:	1512202-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
2-Butanone	BRL	50		ug/L	216713	1	12/04/2015 00:32	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/04/2015 00:32	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/04/2015 00:32	CH
Acetone	BRL	50		ug/L	216713	1	12/04/2015 00:32	CH
Benzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Chloroethane	BRL	10		ug/L	216713	1	12/04/2015 00:32	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Chloromethane	BRL	10		ug/L	216713	1	12/04/2015 00:32	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/04/2015 00:32	CH
Ethylbenzene	8.7	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Freon-113	BRL	10		ug/L	216713	1	12/04/2015 00:32	CH
Isopropylbenzene	6.7	5.0		ug/L	216713	1	12/04/2015 00:32	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Styrene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Toluene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Trichloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:32	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/04/2015 00:32	CH
Surr: 4-Bromofluorobenzene	94.4	70.7-125		%REC	216713	1	12/04/2015 00:32	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-4
Project Name:	Allied	**Collection Date:**	12/1/2015 4:02:00 PM
Lab ID:	1512202-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
Surr: Dibromofluoromethane	95.8	82.2-120		%REC	216713	1	12/04/2015 00:32	CH
Surr: Toluene-d8	86.5	81.8-120		%REC	216713	1	12/04/2015 00:32	CH
Mercury, Total SW7470A					**(SW7470A)**			
Mercury	BRL	0.00020		mg/L	216720	1	12/04/2015 14:21	JR
METALS, TOTAL SW6010C					**(SW3010A)**			
Arsenic	BRL	0.0500		mg/L	216719	1	12/07/2015 21:29	JL
Barium	0.0306	0.0200		mg/L	216719	1	12/07/2015 21:29	JL
Cadmium	BRL	0.0050		mg/L	216719	1	12/07/2015 21:29	JL
Chromium	BRL	0.0100		mg/L	216719	1	12/07/2015 21:29	JL
Lead	BRL	0.0100		mg/L	216719	1	12/07/2015 21:29	JL
Selenium	BRL	0.0200		mg/L	216719	1	12/07/2015 21:29	JL
Silver	BRL	0.0100		mg/L	216719	1	12/07/2015 21:29	JL

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5
Project Name:	Allied	**Collection Date:**	12/1/2015 2:53:00 PM
Lab ID:	1512202-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3510C)**			
1,1´-Biphenyl	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	216668	1	12/03/2015 16:00	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2,4-Dichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2,4-Dimethylphenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2,4-Dinitrophenol	BRL	25		ug/L	216668	1	12/03/2015 16:00	YH
2,4-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2,6-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2-Chloronaphthalene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2-Chlorophenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2-Methylnaphthalene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
2-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 16:00	YH
2-Nitrophenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
3,3´-Dichlorobenzidine	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
3-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 16:00	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	216668	1	12/03/2015 16:00	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
4-Chloroaniline	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
4-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
4-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 16:00	YH
4-Nitrophenol	BRL	25		ug/L	216668	1	12/03/2015 16:00	YH
Acenaphthene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Acenaphthylene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Acetophenone	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Anthracene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Atrazine	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Benz(a)anthracene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Benzaldehyde	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Benzo(a)pyrene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Benzo(b)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Benzo(k)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Butyl benzyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Caprolactam	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5
Project Name:	Allied	**Collection Date:**	12/1/2015 2:53:00 PM
Lab ID:	1512202-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3510C)**				
Carbazole	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Chrysene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Di-n-butyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Di-n-octyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Dibenzofuran	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Diethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Dimethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Fluorene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Hexachlorobenzene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Hexachlorobutadiene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Hexachloroethane	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Isophorone	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Naphthalene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Nitrobenzene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Pentachlorophenol	BRL	25		ug/L	216668	1	12/03/2015 16:00	YH
Phenanthrene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Phenol	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Pyrene	BRL	10		ug/L	216668	1	12/03/2015 16:00	YH
Surr: 2,4,6-Tribromophenol	104	51.5-141		%REC	216668	1	12/03/2015 16:00	YH
Surr: 2-Fluorobiphenyl	75.1	50.8-122		%REC	216668	1	12/03/2015 16:00	YH
Surr: 2-Fluorophenol	43.5	28.1-120		%REC	216668	1	12/03/2015 16:00	YH
Surr: 4-Terphenyl-d14	77.7	47.2-131		%REC	216668	1	12/03/2015 16:00	YH
Surr: Nitrobenzene-d5	79.3	42.1-124		%REC	216668	1	12/03/2015 16:00	YH
Surr: Phenol-d5	30.8	16-120		%REC	216668	1	12/03/2015 16:00	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5
Project Name:	Allied	**Collection Date:**	12/1/2015 2:53:00 PM
Lab ID:	1512202-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
2-Butanone	BRL	50		ug/L	216713	1	12/03/2015 23:14	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/03/2015 23:14	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/03/2015 23:14	CH
Acetone	BRL	50		ug/L	216713	1	12/03/2015 23:14	CH
Benzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Chloroethane	BRL	10		ug/L	216713	1	12/03/2015 23:14	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Chloromethane	BRL	10		ug/L	216713	1	12/03/2015 23:14	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/03/2015 23:14	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Freon-113	BRL	10		ug/L	216713	1	12/03/2015 23:14	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Styrene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Toluene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Trichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:14	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/03/2015 23:14	CH
Surr: 4-Bromofluorobenzene	82.9	70.7-125		%REC	216713	1	12/03/2015 23:14	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-5
Project Name:	Allied	**Collection Date:**	12/1/2015 2:53:00 PM
Lab ID:	1512202-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
Surr: Dibromofluoromethane	110	82.2-120		%REC	216713	1	12/03/2015 23:14	CH
Surr: Toluene-d8	101	81.8-120		%REC	216713	1	12/03/2015 23:14	CH
Mercury, Total SW7470A					**(SW7470A)**			
Mercury	BRL	0.00020		mg/L	216720	1	12/04/2015 14:23	JR
METALS, TOTAL SW6010C					**(SW3010A)**			
Arsenic	BRL	0.0500		mg/L	216719	1	12/07/2015 21:32	JL
Barium	0.0663	0.0200		mg/L	216719	1	12/07/2015 21:32	JL
Cadmium	BRL	0.0050		mg/L	216719	1	12/07/2015 21:32	JL
Chromium	BRL	0.0100		mg/L	216719	1	12/07/2015 21:32	JL
Lead	0.243	0.0100		mg/L	216719	1	12/07/2015 21:32	JL
Selenium	BRL	0.0200		mg/L	216719	1	12/07/2015 21:32	JL
Silver	BRL	0.0100		mg/L	216719	1	12/07/2015 21:32	JL

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6
Project Name:	Allied	**Collection Date:**	12/2/2015 1:32:00 PM
Lab ID:	1512202-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3510C)**			
1,1´-Biphenyl	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	216668	1	12/03/2015 16:53	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2,4-Dichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2,4-Dimethylphenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2,4-Dinitrophenol	BRL	25		ug/L	216668	1	12/03/2015 16:53	YH
2,4-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2,6-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2-Chloronaphthalene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2-Chlorophenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2-Methylnaphthalene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
2-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 16:53	YH
2-Nitrophenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
3,3´-Dichlorobenzidine	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
3-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 16:53	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	216668	1	12/03/2015 16:53	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
4-Chloroaniline	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
4-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
4-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 16:53	YH
4-Nitrophenol	BRL	25		ug/L	216668	1	12/03/2015 16:53	YH
Acenaphthene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Acenaphthylene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Acetophenone	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Anthracene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Atrazine	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Benz(a)anthracene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Benzaldehyde	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Benzo(a)pyrene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Benzo(b)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Benzo(k)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Butyl benzyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Caprolactam	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6
Project Name:	Allied	**Collection Date:**	12/2/2015 1:32:00 PM
Lab ID:	1512202-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3510C)**				
Carbazole	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Chrysene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Di-n-butyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Di-n-octyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Dibenzofuran	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Diethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Dimethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Fluorene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Hexachlorobenzene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Hexachlorobutadiene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Hexachloroethane	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Isophorone	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Naphthalene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Nitrobenzene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Pentachlorophenol	BRL	25		ug/L	216668	1	12/03/2015 16:53	YH
Phenanthrene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Phenol	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Pyrene	BRL	10		ug/L	216668	1	12/03/2015 16:53	YH
Surr: 2,4,6-Tribromophenol	114	51.5-141		%REC	216668	1	12/03/2015 16:53	YH
Surr: 2-Fluorobiphenyl	88.3	50.8-122		%REC	216668	1	12/03/2015 16:53	YH
Surr: 2-Fluorophenol	46.6	28.1-120		%REC	216668	1	12/03/2015 16:53	YH
Surr: 4-Terphenyl-d14	79.8	47.2-131		%REC	216668	1	12/03/2015 16:53	YH
Surr: Nitrobenzene-d5	96.8	42.1-124		%REC	216668	1	12/03/2015 16:53	YH
Surr: Phenol-d5	31.6	16-120		%REC	216668	1	12/03/2015 16:53	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6
Project Name:	Allied	**Collection Date:**	12/2/2015 1:32:00 PM
Lab ID:	1512202-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
2-Butanone	BRL	50		ug/L	216713	1	12/03/2015 23:40	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/03/2015 23:40	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/03/2015 23:40	CH
Acetone	BRL	50		ug/L	216713	1	12/03/2015 23:40	CH
Benzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Chloroethane	BRL	10		ug/L	216713	1	12/03/2015 23:40	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Chloromethane	BRL	10		ug/L	216713	1	12/03/2015 23:40	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/03/2015 23:40	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Freon-113	BRL	10		ug/L	216713	1	12/03/2015 23:40	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Styrene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Toluene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Trichloroethene	6.9	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/03/2015 23:40	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/03/2015 23:40	CH
Surr: 4-Bromofluorobenzene	84.9	70.7-125		%REC	216713	1	12/03/2015 23:40	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-6
Project Name:	Allied	**Collection Date:**	12/2/2015 1:32:00 PM
Lab ID:	1512202-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
Surr: Dibromofluoromethane	108	82.2-120		%REC	216713	1	12/03/2015 23:40	CH
Surr: Toluene-d8	97.9	81.8-120		%REC	216713	1	12/03/2015 23:40	CH
Mercury, Total SW7470A					**(SW7470A)**			
Mercury	BRL	0.00020		mg/L	216720	1	12/04/2015 14:25	JR
METALS, TOTAL SW6010C					**(SW3010A)**			
Arsenic	0.0988	0.0500		mg/L	216719	1	12/07/2015 21:35	JL
Barium	BRL	0.0200		mg/L	216719	1	12/07/2015 21:35	JL
Cadmium	BRL	0.0050		mg/L	216719	1	12/07/2015 21:35	JL
Chromium	BRL	0.0100		mg/L	216719	1	12/07/2015 21:35	JL
Lead	BRL	0.0100		mg/L	216719	1	12/07/2015 21:35	JL
Selenium	BRL	0.0200		mg/L	216719	1	12/07/2015 21:35	JL
Silver	BRL	0.0100		mg/L	216719	1	12/07/2015 21:35	JL

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7
Project Name:	Allied	**Collection Date:**	12/1/2015 12:04:00 PM
Lab ID:	1512202-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3510C)**			
1,1´-Biphenyl	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	216668	1	12/03/2015 17:19	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2,4-Dichlorophenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2,4-Dimethylphenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2,4-Dinitrophenol	BRL	25		ug/L	216668	1	12/03/2015 17:19	YH
2,4-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2,6-Dinitrotoluene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2-Chloronaphthalene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2-Chlorophenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2-Methylnaphthalene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
2-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 17:19	YH
2-Nitrophenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
3,3´-Dichlorobenzidine	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
3-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 17:19	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	216668	1	12/03/2015 17:19	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
4-Chloroaniline	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
4-Methylphenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
4-Nitroaniline	BRL	25		ug/L	216668	1	12/03/2015 17:19	YH
4-Nitrophenol	BRL	25		ug/L	216668	1	12/03/2015 17:19	YH
Acenaphthene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Acenaphthylene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Acetophenone	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Anthracene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Atrazine	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Benz(a)anthracene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Benzaldehyde	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Benzo(a)pyrene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Benzo(b)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Benzo(k)fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Butyl benzyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Caprolactam	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7
Project Name:	Allied	**Collection Date:**	12/1/2015 12:04:00 PM
Lab ID:	1512202-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3510C)**				
Carbazole	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Chrysene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Di-n-butyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Di-n-octyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Dibenzofuran	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Diethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Dimethyl phthalate	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Fluoranthene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Fluorene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Hexachlorobenzene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Hexachlorobutadiene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Hexachloroethane	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Isophorone	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Naphthalene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Nitrobenzene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Pentachlorophenol	BRL	25		ug/L	216668	1	12/03/2015 17:19	YH
Phenanthrene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Phenol	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Pyrene	BRL	10		ug/L	216668	1	12/03/2015 17:19	YH
Surr: 2,4,6-Tribromophenol	108	51.5-141		%REC	216668	1	12/03/2015 17:19	YH
Surr: 2-Fluorobiphenyl	84.5	50.8-122		%REC	216668	1	12/03/2015 17:19	YH
Surr: 2-Fluorophenol	51.9	28.1-120		%REC	216668	1	12/03/2015 17:19	YH
Surr: 4-Terphenyl-d14	81	47.2-131		%REC	216668	1	12/03/2015 17:19	YH
Surr: Nitrobenzene-d5	95.5	42.1-124		%REC	216668	1	12/03/2015 17:19	YH
Surr: Phenol-d5	35.2	16-120		%REC	216668	1	12/03/2015 17:19	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7
Project Name:	Allied	**Collection Date:**	12/1/2015 12:04:00 PM
Lab ID:	1512202-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
2-Butanone	BRL	50		ug/L	216713	1	12/04/2015 00:06	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/04/2015 00:06	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/04/2015 00:06	CH
Acetone	BRL	50		ug/L	216713	1	12/04/2015 00:06	CH
Benzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Chloroethane	BRL	10		ug/L	216713	1	12/04/2015 00:06	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Chloromethane	BRL	10		ug/L	216713	1	12/04/2015 00:06	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/04/2015 00:06	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Freon-113	BRL	10		ug/L	216713	1	12/04/2015 00:06	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Styrene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Toluene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Trichloroethene	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/04/2015 00:06	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/04/2015 00:06	CH
Surr: 4-Bromofluorobenzene	85.3	70.7-125		%REC	216713	1	12/04/2015 00:06	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-7
Project Name:	Allied	**Collection Date:**	12/1/2015 12:04:00 PM
Lab ID:	1512202-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
Surr: Dibromofluoromethane	108	82.2-120		%REC	216713	1	12/04/2015 00:06	CH
Surr: Toluene-d8	104	81.8-120		%REC	216713	1	12/04/2015 00:06	CH
Mercury, Total SW7470A					**(SW7470A)**			
Mercury	BRL	0.00020		mg/L	216720	1	12/04/2015 14:27	JR
METALS, TOTAL SW6010C					**(SW3010A)**			
Arsenic	0.0952	0.0500		mg/L	216719	1	12/07/2015 21:37	JL
Barium	0.298	0.0200		mg/L	216719	1	12/07/2015 21:37	JL
Cadmium	BRL	0.0050		mg/L	216719	1	12/07/2015 21:37	JL
Chromium	BRL	0.0100		mg/L	216719	1	12/07/2015 21:37	JL
Lead	0.0998	0.0100		mg/L	216719	1	12/07/2015 21:37	JL
Selenium	BRL	0.0200		mg/L	216719	1	12/07/2015 21:37	JL
Silver	BRL	0.0100		mg/L	216719	1	12/07/2015 21:37	JL

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK 1
Project Name:	Allied	**Collection Date:**	12/2/2015
Lab ID:	1512202-008	**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	216713	1	12/03/2015 18:04	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
2-Butanone	BRL	50		ug/L	216713	1	12/03/2015 18:04	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/03/2015 18:04	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/03/2015 18:04	CH
Acetone	BRL	50		ug/L	216713	1	12/03/2015 18:04	CH
Benzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Chloroethane	BRL	10		ug/L	216713	1	12/03/2015 18:04	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Chloromethane	BRL	10		ug/L	216713	1	12/03/2015 18:04	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/03/2015 18:04	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Freon-113	BRL	10		ug/L	216713	1	12/03/2015 18:04	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK 1
Project Name:	Allied	**Collection Date:**	12/2/2015
Lab ID:	1512202-008	**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	216713	1	12/03/2015 18:04	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Toluene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Trichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:04	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/03/2015 18:04	CH
Surr: 4-Bromofluorobenzene	82	70.7-125		%REC	216713	1	12/03/2015 18:04	CH
Surr: Dibromofluoromethane	100	82.2-120		%REC	216713	1	12/03/2015 18:04	CH
Surr: Toluene-d8	91.4	81.8-120		%REC	216713	1	12/03/2015 18:04	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK 2
Project Name:	Allied	**Collection Date:**	12/2/2015
Lab ID:	1512202-009	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
2-Butanone	BRL	50		ug/L	216713	1	12/03/2015 18:29	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/03/2015 18:29	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/03/2015 18:29	CH
Acetone	BRL	50		ug/L	216713	1	12/03/2015 18:29	CH
Benzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Chloroethane	BRL	10		ug/L	216713	1	12/03/2015 18:29	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Chloromethane	BRL	10		ug/L	216713	1	12/03/2015 18:29	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/03/2015 18:29	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Freon-113	BRL	10		ug/L	216713	1	12/03/2015 18:29	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK 2
Project Name:	Allied	**Collection Date:**	12/2/2015
Lab ID:	1512202-009	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Toluene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Trichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:29	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/03/2015 18:29	CH
Surr: 4-Bromofluorobenzene	87.5	70.7-125		%REC	216713	1	12/03/2015 18:29	CH
Surr: Dibromofluoromethane	103	82.2-120		%REC	216713	1	12/03/2015 18:29	CH
Surr: Toluene-d8	97.9	81.8-120		%REC	216713	1	12/03/2015 18:29	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK 3
Project Name:	Allied	**Collection Date:**	12/2/2015
Lab ID:	1512202-010	**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	216713	1	12/03/2015 18:55	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,1-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,1-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,2-Dibromoethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,2-Dichloroethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,2-Dichloropropane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
2-Butanone	BRL	50		ug/L	216713	1	12/03/2015 18:55	CH
2-Hexanone	BRL	10		ug/L	216713	1	12/03/2015 18:55	CH
4-Methyl-2-pentanone	BRL	10		ug/L	216713	1	12/03/2015 18:55	CH
Acetone	BRL	50		ug/L	216713	1	12/03/2015 18:55	CH
Benzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Bromodichloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Bromoform	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Bromomethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Carbon disulfide	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Carbon tetrachloride	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Chlorobenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Chloroethane	BRL	10		ug/L	216713	1	12/03/2015 18:55	CH
Chloroform	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Chloromethane	BRL	10		ug/L	216713	1	12/03/2015 18:55	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Cyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Dibromochloromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Dichlorodifluoromethane	BRL	10		ug/L	216713	1	12/03/2015 18:55	CH
Ethylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Freon-113	BRL	10		ug/L	216713	1	12/03/2015 18:55	CH
Isopropylbenzene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
m,p-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Methyl acetate	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Methylcyclohexane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Methylene chloride	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
o-Xylene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 10-Dec-15

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK 3
Project Name:	Allied	**Collection Date:**	12/2/2015
Lab ID:	1512202-010	**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	216713	1	12/03/2015 18:55	CH
Tetrachloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Toluene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Trichloroethene	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Trichlorofluoromethane	BRL	5.0		ug/L	216713	1	12/03/2015 18:55	CH
Vinyl chloride	BRL	2.0		ug/L	216713	1	12/03/2015 18:55	CH
Surr: 4-Bromofluorobenzene	85.4	70.7-125		%REC	216713	1	12/03/2015 18:55	CH
Surr: Dibromofluoromethane	95.9	82.2-120		%REC	216713	1	12/03/2015 18:55	CH
Surr: Toluene-d8	92	81.8-120		%REC	216713	1	12/03/2015 18:55	CH

Qualifiers:

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Sailors Eng. Work Order Number 1512202

Checklist completed by [signature] 12/2/15
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°≤6°C)* Yes ✓ No __

Cooler #1 3.2 Cooler #2 3.7 Cooler #3 3.8 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 ✓ AD 12/2 No ✓

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by AD

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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: 216668

Sample ID: **MB-216668** Client ID: Units: **ug/L** Prep Date: **12/03/2015** Run No: **305661**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216668** Analysis Date: **12/03/2015** Seq No: **6549943**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	10									
2,4,5-Trichlorophenol	BRL	25									
2,4,6-Trichlorophenol	BRL	10									
2,4-Dichlorophenol	BRL	10									
2,4-Dimethylphenol	BRL	10									
2,4-Dinitrophenol	BRL	25									
2,4-Dinitrotoluene	BRL	10									
2,6-Dinitrotoluene	BRL	10									
2-Chloronaphthalene	BRL	10									
2-Chlorophenol	BRL	10									
2-Methylnaphthalene	BRL	10									
2-Methylphenol	BRL	10									
2-Nitroaniline	BRL	25									
2-Nitrophenol	BRL	10									
3,3´-Dichlorobenzidine	BRL	10									
3-Nitroaniline	BRL	25									
4,6-Dinitro-2-methylphenol	BRL	25									
4-Bromophenyl phenyl ether	BRL	10									
4-Chloro-3-methylphenol	BRL	10									
4-Chloroaniline	BRL	10									
4-Chlorophenyl phenyl ether	BRL	10									
4-Methylphenol	BRL	10									
4-Nitroaniline	BRL	25									
4-Nitrophenol	BRL	25									
Acenaphthene	BRL	10									
Acenaphthylene	BRL	10									
Acetophenone	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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: 216668

Sample ID: **MB-216668** Client ID: Units: **ug/L** Prep Date: **12/03/2015** Run No: **305661**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216668** Analysis Date: **12/03/2015** Seq No: **6549943**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	10									
Atrazine	BRL	10									
Benz(a)anthracene	BRL	10									
Benzaldehyde	BRL	10									
Benzo(a)pyrene	BRL	10									
Benzo(b)fluoranthene	BRL	10									
Benzo(g,h,i)perylene	BRL	10									
Benzo(k)fluoranthene	BRL	10									
Bis(2-chloroethoxy)methane	BRL	10									
Bis(2-chloroethyl)ether	BRL	10									
Bis(2-chloroisopropyl)ether	BRL	10									
Bis(2-ethylhexyl)phthalate	BRL	10									
Butyl benzyl phthalate	BRL	10									
Caprolactam	BRL	10									
Carbazole	BRL	10									
Chrysene	BRL	10									
Di-n-butyl phthalate	BRL	10									
Di-n-octyl phthalate	BRL	10									
Dibenz(a,h)anthracene	BRL	10									
Dibenzofuran	BRL	10									
Diethyl phthalate	BRL	10									
Dimethyl phthalate	BRL	10									
Fluoranthene	BRL	10									
Fluorene	BRL	10									
Hexachlorobenzene	BRL	10									
Hexachlorobutadiene	BRL	10									
Hexachlorocyclopentadiene	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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: **216668**

Sample ID: **MB-216668** Client ID: Units: **ug/L** Prep Date: **12/03/2015** Run No: **305661**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216668** Analysis Date: **12/03/2015** Seq No: **6549943**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	10									
Indeno(1,2,3-cd)pyrene	BRL	10									
Isophorone	BRL	10									
N-Nitrosodi-n-propylamine	BRL	10									
N-Nitrosodiphenylamine	BRL	10									
Naphthalene	BRL	10									
Nitrobenzene	BRL	10									
Pentachlorophenol	BRL	25									
Phenanthrene	BRL	10									
Phenol	BRL	10									
Pyrene	BRL	10									
Surr: 2,4,6-Tribromophenol	106.4	0	100.0		106	51.5	141				
Surr: 2-Fluorobiphenyl	40.66	0	50.00		81.3	50.8	122				
Surr: 2-Fluorophenol	51.83	0	100.0		51.8	28.1	120				
Surr: 4-Terphenyl-d14	46.08	0	50.00		92.2	47.2	131				
Surr: Nitrobenzene-d5	45.71	0	50.00		91.4	42.1	124				
Surr: Phenol-d5	36.49	0	100.0		36.5	16	120				

Sample ID: **LCS-216668** Client ID: Units: **ug/L** Prep Date: **12/03/2015** Run No: **305661**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216668** Analysis Date: **12/03/2015** Seq No: **6549944**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	96.31	10	100.0		96.3	71.3	129				
2-Chlorophenol	81.12	10	100.0		81.1	58.1	120				
4-Chloro-3-methylphenol	97.75	10	100.0		97.8	69.2	123				
4-Nitrophenol	33.33	25	100.0		33.3	20.2	120				
Acenaphthene	87.47	10	100.0		87.5	71.5	120				
N-Nitrosodi-n-propylamine	104.8	10	100.0		105	68.8	134				

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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: **216668**

Sample ID: **LCS-216668** Client ID: Units: **ug/L** Prep Date: **12/03/2015** Run No: **305661**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216668** Analysis Date: **12/03/2015** Seq No: **6549944**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	77.12	25	100.0		77.1	50.5	130				
Phenol	34.72	10	100.0		34.7	27	120				
Pyrene	95.17	10	100.0		95.2	71.1	133				
Surr: 2,4,6-Tribromophenol	112.1	0	100.0		112	51.5	141				
Surr: 2-Fluorobiphenyl	45.82	0	50.00		91.6	50.8	122				
Surr: 2-Fluorophenol	56.48	0	100.0		56.5	28.1	120				
Surr: 4-Terphenyl-d14	48.85	0	50.00		97.7	47.2	131				
Surr: Nitrobenzene-d5	50.64	0	50.00		101	42.1	124				
Surr: Phenol-d5	37.61	0	100.0		37.6	16	120				

Sample ID: **1512202-001BMS** Client ID: **MW-1** Units: **ug/L** Prep Date: **12/03/2015** Run No: **305661**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216668** Analysis Date: **12/03/2015** Seq No: **6549946**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	79.41	10	100.0		79.4	51.4	126				
2-Chlorophenol	67.96	10	100.0		68.0	49.6	120				
4-Chloro-3-methylphenol	81.47	10	100.0		81.5	50.7	130				
4-Nitrophenol	49.62	25	100.0		49.6	20.2	120				
Acenaphthene	73.09	10	100.0		73.1	49.2	123				
N-Nitrosodi-n-propylamine	86.90	10	100.0		86.9	49	135				
Pentachlorophenol	92.54	25	100.0		92.5	41.5	131				
Phenol	42.41	10	100.0		42.4	30.6	120				
Pyrene	74.23	10	100.0		74.2	50.5	130				
Surr: 2,4,6-Tribromophenol	94.52	0	100.0		94.5	51.5	141				
Surr: 2-Fluorobiphenyl	36.64	0	50.00		73.3	50.8	122				
Surr: 2-Fluorophenol	54.56	0	100.0		54.6	28.1	120				
Surr: 4-Terphenyl-d14	36.69	0	50.00		73.4	47.2	131				
Surr: Nitrobenzene-d5	41.42	0	50.00		82.8	42.1	124				

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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: 216668

Sample ID: **1512202-001BMS** Client ID: **MW-1** Units: **ug/L** Prep Date: **12/03/2015** Run No: **305661**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216668** Analysis Date: **12/03/2015** Seq No: **6549946**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	45.08	0	100.0		45.1	16	120				

Sample ID: **1512202-001BMSD** Client ID: **MW-1** Units: **ug/L** Prep Date: **12/03/2015** Run No: **305661**
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **216668** Analysis Date: **12/03/2015** Seq No: **6549947**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	91.03	10	100.0		91.0	51.4	126	79.41	13.6	29.2	
2-Chlorophenol	74.84	10	100.0		74.8	49.6	120	67.96	9.64	28.2	
4-Chloro-3-methylphenol	93.10	10	100.0		93.1	50.7	130	81.47	13.3	29.7	
4-Nitrophenol	56.72	25	100.0		56.7	20.2	120	49.62	13.4	38.6	
Acenaphthene	80.16	10	100.0		80.2	49.2	123	73.09	9.23	29.3	
N-Nitrosodi-n-propylamine	95.05	10	100.0		95.0	49	135	86.90	8.96	37.6	
Pentachlorophenol	110.0	25	100.0		110	41.5	131	92.54	17.3	33.5	
Phenol	44.24	10	100.0		44.2	30.6	120	42.41	4.22	36.3	
Pyrene	82.92	10	100.0		82.9	50.5	130	74.23	11.1	27.3	
Surr: 2,4,6-Tribromophenol	109.6	0	100.0		110	51.5	141	94.52	0	0	
Surr: 2-Fluorobiphenyl	40.70	0	50.00		81.4	50.8	122	36.64	0	0	
Surr: 2-Fluorophenol	59.45	0	100.0		59.4	28.1	120	54.56	0	0	
Surr: 4-Terphenyl-d14	40.56	0	50.00		81.1	47.2	131	36.69	0	0	
Surr: Nitrobenzene-d5	45.76	0	50.00		91.5	42.1	124	41.42	0	0	
Surr: Phenol-d5	46.99	0	100.0		47.0	16	120	45.08	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

Date: 10-Dec-15

Client: Sailors Engineering Associates
Project Name: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: 216713

Sample ID: **MB-216713** Client ID: Units: **ug/L** Prep Date: **12/03/2015** Run No: **305675**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216713** Analysis Date: **12/03/2015** Seq No: **6550581**

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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: 216713

Sample ID: **MB-216713** Client ID: Units: **ug/L** Prep Date: **12/03/2015** Run No: **305675**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216713** Analysis Date: **12/03/2015** Seq No: **6550581**

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	41.88	0	50.00		83.8	70.7	125				
Surr: Dibromofluoromethane	53.65	0	50.00		107	82.2	120				
Surr: Toluene-d8	50.98	0	50.00		102	81.8	120				

Qualifiers:

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

Client: Sailors Engineering Associates
Project Name: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: **216713**

Sample ID: **LCS-216713** Client ID: Units: **ug/L** Prep Date: **12/03/2015** Run No: **305675**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216713** Analysis Date: **12/03/2015** Seq No: **6550580**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	61.10	5.0	50.00		122	64.2	137				
Benzene	48.84	5.0	50.00		97.7	72.8	128				
Chlorobenzene	46.85	5.0	50.00		93.7	72.3	126				
Toluene	49.61	5.0	50.00		99.2	74.9	127				
Trichloroethene	63.36	5.0	50.00		127	70.5	134				
Surr: 4-Bromofluorobenzene	41.99	0	50.00		84.0	70.7	125				
Surr: Dibromofluoromethane	51.08	0	50.00		102	82.2	120				
Surr: Toluene-d8	49.07	0	50.00		98.1	81.8	120				

Sample ID: **1512202-002AMS** Client ID: **MW-2** Units: **ug/L** Prep Date: **12/03/2015** Run No: **305675**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216713** Analysis Date: **12/04/2015** Seq No: **6550880**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	591.9	50	500.0		118	60.5	156				
Benzene	426.0	50	500.0		85.2	70	135				
Chlorobenzene	490.0	50	500.0		98.0	70.5	132				
Toluene	440.2	50	500.0		88.0	70.5	137				
Trichloroethene	650.6	50	500.0	183.8	93.4	71.8	139				
Surr: 4-Bromofluorobenzene	433.8	0	500.0		86.8	70.7	125				
Surr: Dibromofluoromethane	453.9	0	500.0		90.8	82.2	120				
Surr: Toluene-d8	433.5	0	500.0		86.7	81.8	120				

Sample ID: **1512202-002AMSD** Client ID: **MW-2** Units: **ug/L** Prep Date: **12/03/2015** Run No: **305675**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216713** Analysis Date: **12/04/2015** Seq No: **6550882**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	581.4	50	500.0		116	60.5	156	591.9	1.79	20	
Benzene	464.7	50	500.0		92.9	70	135	426.0	8.69	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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: **216713**

Sample ID: **1512202-002AMSD** Client ID: **MW-2** Units: **ug/L** Prep Date: **12/03/2015** Run No: **305675**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **216713** Analysis Date: **12/04/2015** Seq No: **6550882**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	476.4	50	500.0		95.3	70.5	132	490.0	2.81	20	
Toluene	486.5	50	500.0		97.3	70.5	137	440.2	9.99	20	
Trichloroethene	689.6	50	500.0	183.8	101	71.8	139	650.6	5.82	20	
Surr: 4-Bromofluorobenzene	419.1	0	500.0		83.8	70.7	125	433.8	0	0	
Surr: Dibromofluoromethane	516.6	0	500.0		103	82.2	120	453.9	0	0	
Surr: Toluene-d8	482.9	0	500.0		96.6	81.8	120	433.5	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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: 216719

Sample ID: **MB-216719** Client ID: Units: **mg/L** Prep Date: **12/04/2015** Run No: **305830**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010C** BatchID: **216719** Analysis Date: **12/07/2015** Seq No: **6554255**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: **LCS-216719** Client ID: Units: **mg/L** Prep Date: **12/04/2015** Run No: **305830**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010C** BatchID: **216719** Analysis Date: **12/07/2015** Seq No: **6554256**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.099	0.0500	1.000		110	80	120				
Barium	1.096	0.0200	1.000		110	80	120				
Cadmium	1.093	0.0050	1.000		109	80	120				
Chromium	1.094	0.0100	1.000		109	80	120				
Lead	1.094	0.0100	1.000		109	80	120				
Selenium	1.062	0.0200	1.000		106	80	120				
Silver	0.1094	0.0100	0.1000		109	80	120				

Sample ID: **1512192-001BMS** Client ID: Units: **mg/L** Prep Date: **12/04/2015** Run No: **305830**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **216719** Analysis Date: **12/07/2015** Seq No: **6554258**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.111	0.0500	1.000	0.005450	111	75	125				
Barium	1.257	0.0200	1.000	0.1413	112	75	125				
Cadmium	1.101	0.0050	1.000		110	75	125				
Chromium	1.116	0.0100	1.000		112	75	125				

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

Client: Sailors Engineering Associates
Project Name: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: 216719

Sample ID: **1512192-001BMS** Client ID: Units: **mg/L** Prep Date: **12/04/2015** Run No: **305830**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **216719** Analysis Date: **12/07/2015** Seq No: **6554258**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	1.100	0.0100	1.000		110	75	125				
Selenium	1.068	0.0200	1.000		107	75	125				
Silver	0.1111	0.0100	0.1000		111	75	125				

Sample ID: **1512192-001BMSD** Client ID: Units: **mg/L** Prep Date: **12/04/2015** Run No: **305830**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010C** BatchID: **216719** Analysis Date: **12/07/2015** Seq No: **6554259**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.072	0.0500	1.000	0.005450	107	75	125	1.111	3.53	20	
Barium	1.217	0.0200	1.000	0.1413	108	75	125	1.257	3.18	20	
Cadmium	1.071	0.0050	1.000		107	75	125	1.101	2.75	20	
Chromium	1.077	0.0100	1.000		108	75	125	1.116	3.51	20	
Lead	1.074	0.0100	1.000		107	75	125	1.100	2.32	20	
Selenium	1.039	0.0200	1.000		104	75	125	1.068	2.71	20	
Silver	0.1092	0.0100	0.1000		109	75	125	0.1111	1.73	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: Allied
Workorder: 1512202

ANALYTICAL QC SUMMARY REPORT

BatchID: **216720**

Sample ID: **MB-216720** Client ID: Units: **mg/L** Prep Date: **12/04/2015** Run No: **305723**
SampleType: **MBLK** TestCode: **Mercury, Total SW7470A** BatchID: **216720** Analysis Date: **12/04/2015** Seq No: **6551554**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.00020									

Sample ID: **LCS-216720** Client ID: Units: **mg/L** Prep Date: **12/04/2015** Run No: **305723**
SampleType: **LCS** TestCode: **Mercury, Total SW7470A** BatchID: **216720** Analysis Date: **12/04/2015** Seq No: **6551555**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004919	0.00020	0.0050		98.4	80	120				

Sample ID: **1512202-001CMS** Client ID: **MW-1** Units: **mg/L** Prep Date: **12/04/2015** Run No: **305723**
SampleType: **MS** TestCode: **Mercury, Total SW7470A** BatchID: **216720** Analysis Date: **12/04/2015** Seq No: **6551557**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004614	0.00020	0.0050		92.3	70	130				

Sample ID: **1512202-001CMSD** Client ID: **MW-1** Units: **mg/L** Prep Date: **12/04/2015** Run No: **305723**
SampleType: **MSD** TestCode: **Mercury, Total SW7470A** BatchID: **216720** Analysis Date: **12/04/2015** Seq No: **6551558**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004916	0.00020	0.0050		98.3	70	130	0.004614	6.34	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		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 04, 2016

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

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

RE: Allied Ready Mix

Dear Michael Haller: Order No: 1601K63

Analytical Environmental Services, Inc. received 24 samples on 1/27/2016 2:17:00 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 09/01/17.

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

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

Tyrel Heckendorf
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1601K63

Date: 1-26-16 Page 1 of 2

COMPANY: SEA
ADDRESS: 1675 Spectrum Drive Lawrenceville, GA
PHONE: (770)-962-5922
FAX:
SAMPLED BY: J Kinard
SIGNATURE: Joseph Kinard

ANALYSIS REQUESTED: RCRA metals; SVOC; SPLP metals

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	RCRA metals	SVOC	SPLP metals	REMARKS	No # of Containers
1	B-6 3-5'	1-25-16	9:23	✓		So	✓				1
2	B-6 8-10'	1-25-16	9:32	✓		So	✓		✓		2
3	B-7 3-5'	1-25-16	9:38	✓		So	✓				1
4	B-8 3-5'	1-25-16	10:48	✓		So	✓				1
5	B-8 1-2'	1-25-16	10:51	✓		So	✓		✓		2
6	B-8 8-10'	1-25-16	10:58	✓		So	✓				1
7	B-9 3-5'	1-25-16	11:12	✓		So	✓				1
8	B-10 3-5'	1-25-16	11:24	✓		So	✓				1
9	B-11 1-3'	1-25-16	12:19	✓		So	✓				1
10	B-12 1-3'	1-25-16	12:45	✓		So	✓				1
11	B-12 8-10'	1-25-16	12:53	✓		So	✓				1
12	MW-8 3-5'	1-25-16	14:12	✓		So	✓				1
13	MW-8 5-10'	1-25-16	14:25	✓		So	✓				1
14	MW-8 8-10'	1-25-16	14:37	✓		So	✓		✓		2

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Joseph Kinard	1-27-16/13:54	1: [signature]	1/27/16 14:17
2:		2: [signature] 1/27/16	14:17
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Allied Ready Mix
PROJECT #: 152-079
SITE ADDRESS: 340 Amow Drive, Atl.
SEND REPORT TO: Mike Haller
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: _____

RECEIPT
Total # of Containers: 17

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

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

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

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

White Copy - Original; Yellow Copy - Client

CHAIN OF CUSTODY

Work Order: 1601K63

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

Date: 1-26-16 Page 2 of 2

COMPANY: SEA
ADDRESS: 1675 Spectrum Drive Lawrenceville, GA
PHONE: (770) 962-5922
FAX:
SAMPLED BY: J. Kinard
SIGNATURE: Joseph Kinard

ANALYSIS REQUESTED: RCRA metals; SVOC; SPLP metals

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	RCRA metals	SVOC	SPLP metals	REMARKS	No # of Containers
1	B-14 3-5'	1-25-16	14:43	✓		So	✓	✓	✓		3
2	B-14 8-10'	1-25-16	14:49	✓		So	✓	✓	✓		3
3	B-15 5-10'	1-25-16	15:29	✓		So	✓				1
4	B-16 3-5'	1-25-16	15:38	✓		So	✓		✓		2
5	B-18 3-5'	1-25-16	16:08	✓		So	✓	✓			2
6	B-20 2-4'	1-25-16	16:29	✓		So		✓			1
7	B-20 8-10'	1-25-16	16:31	✓		So	✓	✓			2
8	B-19 2-4'	1-25-16	16:35	✓		So		✓			1
9	B-19 8-10'	1-25-16	16:37	✓		So		✓			1
10	B-21 3-5'	1-25-16	16:50	✓		So	✓	✓			2
11	Trip Blank	1/25				W					
12											
13											
14											

PRESERVATION (See codes)

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Joseph Kinard	1-27-16/13:54	1: Michael [illegible]	1/27/16 14:17
2:		2: Alan Jr.	1/27/16 14:17
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Allied Ready Mix
PROJECT #: 157079
SITE ADDRESS: 340 Armour Drive, Atl.
SEND REPORT TO: Mike Haller
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers 18

Turnaround Time Request
- ✓ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

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

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-6 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 9:23:00 AM
Lab ID:	1601K63-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.106		mg/Kg-dry	219250	1	02/02/2016 15:16	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	125	5.67		mg/Kg-dry	219238	1	02/02/2016 18:43	IO
Barium	108	5.67		mg/Kg-dry	219238	1	02/02/2016 18:43	IO
Cadmium	BRL	2.84		mg/Kg-dry	219238	1	02/02/2016 18:43	IO
Chromium	40.8	2.84		mg/Kg-dry	219238	1	02/02/2016 18:43	IO
Lead	8.54	5.67		mg/Kg-dry	219238	1	02/02/2016 18:43	IO
Selenium	BRL	5.67		mg/Kg-dry	219238	1	02/02/2016 18:43	IO
Silver	BRL	2.84		mg/Kg-dry	219238	1	02/02/2016 18:43	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.2	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-6 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 9:32:00 AM
Lab ID:	1601K63-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.127	0.124		mg/Kg-dry	219250	1	02/02/2016 15:23	MC
SPLP (1312) METALS SW1312/6010C					**(SW3010A)**			
Arsenic	5.53	0.0500		mg/L	219243	1	02/02/2016 14:34	JL
Barium	0.0565	0.0200		mg/L	219243	1	02/02/2016 14:34	JL
Cadmium	0.0337	0.00500		mg/L	219243	1	02/02/2016 14:34	JL
Chromium	BRL	0.0100		mg/L	219243	1	02/02/2016 14:34	JL
Lead	BRL	0.0100		mg/L	219243	1	02/02/2016 14:34	JL
Selenium	BRL	0.0200		mg/L	219243	1	02/02/2016 14:34	JL
Silver	BRL	0.0100		mg/L	219243	1	02/02/2016 14:34	JL
SPLP (1312) MERCURY SW1312/7470A					**(SW7470A)**			
Mercury	BRL	0.000200		mg/L	219249	1	02/02/2016 17:29	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	396	5.79		mg/Kg-dry	219238	1	02/02/2016 18:47	IO
Barium	118	5.79		mg/Kg-dry	219238	1	02/02/2016 18:47	IO
Cadmium	BRL	2.90		mg/Kg-dry	219238	1	02/02/2016 18:47	IO
Chromium	54.4	2.90		mg/Kg-dry	219238	1	02/02/2016 18:47	IO
Lead	16.4	5.79		mg/Kg-dry	219238	1	02/02/2016 18:47	IO
Selenium	BRL	5.79		mg/Kg-dry	219238	1	02/02/2016 18:47	IO
Silver	BRL	2.90		mg/Kg-dry	219238	1	02/02/2016 18:47	IO
PERCENT MOISTURE D2216								
Percent Moisture	20.3	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-7 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 9:38:00 AM
Lab ID:	1601K63-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.112		mg/Kg-dry	219250	1	02/02/2016 15:25	MC
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	43.3	4.73		mg/Kg-dry	219238	1	02/02/2016 18:51	IO
Barium	114	4.73		mg/Kg-dry	219238	1	02/02/2016 18:51	IO
Cadmium	BRL	2.36		mg/Kg-dry	219238	1	02/02/2016 18:51	IO
Chromium	9.12	2.36		mg/Kg-dry	219238	1	02/02/2016 18:51	IO
Lead	98.7	4.73		mg/Kg-dry	219238	1	02/02/2016 18:51	IO
Selenium	BRL	4.73		mg/Kg-dry	219238	1	02/02/2016 18:51	IO
Silver	BRL	2.36		mg/Kg-dry	219238	1	02/02/2016 18:51	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-8 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 10:48:00 AM
Lab ID:	1601K63-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.118		mg/Kg-dry	219250	1	02/02/2016 15:27	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	57.9	6.40		mg/Kg-dry	219238	1	02/02/2016 19:01	IO
Barium	166	6.40		mg/Kg-dry	219238	1	02/02/2016 19:01	IO
Cadmium	BRL	3.20		mg/Kg-dry	219238	1	02/02/2016 19:01	IO
Chromium	7.29	3.20		mg/Kg-dry	219238	1	02/02/2016 19:01	IO
Lead	137	6.40		mg/Kg-dry	219238	1	02/02/2016 19:01	IO
Selenium	BRL	6.40		mg/Kg-dry	219238	1	02/02/2016 19:01	IO
Silver	BRL	3.20		mg/Kg-dry	219238	1	02/02/2016 19:01	IO
PERCENT MOISTURE D2216								
Percent Moisture	22.0	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-8 1-2'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 10:51:00 AM
Lab ID:	1601K63-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.747	0.113		mg/Kg-dry	219250	1	02/02/2016 15:30	MC
SPLP (1312) METALS SW1312/6010C					**(SW3010A)**			
Arsenic	0.276	0.0500		mg/L	219243	1	02/02/2016 18:23	JL
Barium	0.268	0.0200		mg/L	219243	1	02/02/2016 18:23	JL
Cadmium	BRL	0.00500		mg/L	219243	1	02/02/2016 18:23	JL
Chromium	BRL	0.0100		mg/L	219243	1	02/02/2016 18:23	JL
Lead	0.769	0.0100		mg/L	219243	1	02/02/2016 18:23	JL
Selenium	BRL	0.0200		mg/L	219243	1	02/02/2016 18:23	JL
Silver	BRL	0.0100		mg/L	219243	1	02/02/2016 18:23	JL
SPLP (1312) MERCURY SW1312/7470A					**(SW7470A)**			
Mercury	0.000696	0.000200		mg/L	219249	1	02/02/2016 17:41	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	74.5	5.68		mg/Kg-dry	219238	1	02/02/2016 19:05	IO
Barium	132	5.68		mg/Kg-dry	219238	1	02/02/2016 19:05	IO
Cadmium	BRL	2.84		mg/Kg-dry	219238	1	02/02/2016 19:05	IO
Chromium	5.64	2.84		mg/Kg-dry	219238	1	02/02/2016 19:05	IO
Lead	263	5.68		mg/Kg-dry	219238	1	02/02/2016 19:05	IO
Selenium	BRL	5.68		mg/Kg-dry	219238	1	02/02/2016 19:05	IO
Silver	BRL	2.84		mg/Kg-dry	219238	1	02/02/2016 19:05	IO
PERCENT MOISTURE D2216								
Percent Moisture	15.2	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-8 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 10:58:00 AM
Lab ID:	1601K63-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.121		mg/Kg-dry	219250	1	02/02/2016 15:32	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	14.1	6.05		mg/Kg-dry	219238	1	02/02/2016 19:09	IO
Barium	124	6.05		mg/Kg-dry	219238	1	02/02/2016 19:09	IO
Cadmium	BRL	3.02		mg/Kg-dry	219238	1	02/02/2016 19:09	IO
Chromium	36.3	3.02		mg/Kg-dry	219238	1	02/02/2016 19:09	IO
Lead	10.7	6.05		mg/Kg-dry	219238	1	02/02/2016 19:09	IO
Selenium	BRL	6.05		mg/Kg-dry	219238	1	02/02/2016 19:09	IO
Silver	BRL	3.02		mg/Kg-dry	219238	1	02/02/2016 19:09	IO
PERCENT MOISTURE D2216								
Percent Moisture	17.9	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-9 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 11:12:00 AM
Lab ID:	1601K63-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.242	0.117		mg/Kg-dry	219250	1	02/02/2016 15:07	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	33.3	5.53		mg/Kg-dry	219238	1	02/02/2016 18:24	IO
Barium	27.4	5.53		mg/Kg-dry	219238	1	02/02/2016 18:24	IO
Cadmium	BRL	2.77		mg/Kg-dry	219238	1	02/02/2016 18:24	IO
Chromium	16.6	2.77		mg/Kg-dry	219238	1	02/02/2016 18:24	IO
Lead	BRL	5.53		mg/Kg-dry	219238	1	02/02/2016 18:24	IO
Selenium	BRL	5.53		mg/Kg-dry	219238	1	02/02/2016 18:24	IO
Silver	BRL	2.77		mg/Kg-dry	219238	1	02/02/2016 18:24	IO
PERCENT MOISTURE D2216								
Percent Moisture	17.2	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-10 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 11:24:00 AM
Lab ID:	1601K63-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.110		mg/Kg-dry	219250	1	02/02/2016 15:34	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	12.7	6.02		mg/Kg-dry	219238	1	02/02/2016 19:13	IO
Barium	110	6.02		mg/Kg-dry	219238	1	02/02/2016 19:13	IO
Cadmium	BRL	3.01		mg/Kg-dry	219238	1	02/02/2016 19:13	IO
Chromium	4.58	3.01		mg/Kg-dry	219238	1	02/02/2016 19:13	IO
Lead	277	6.02		mg/Kg-dry	219238	1	02/02/2016 19:13	IO
Selenium	BRL	6.02		mg/Kg-dry	219238	1	02/02/2016 19:13	IO
Silver	BRL	3.01		mg/Kg-dry	219238	1	02/02/2016 19:13	IO
PERCENT MOISTURE D2216								
Percent Moisture	21.6	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-11 1-3'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 12:19:00 PM
Lab ID:	1601K63-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	3.03	0.565		mg/Kg-dry	219250	5	02/03/2016 11:20	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	147	5.50		mg/Kg-dry	219238	1	02/02/2016 19:17	IO
Barium	524	5.50		mg/Kg-dry	219238	1	02/02/2016 19:17	IO
Cadmium	BRL	2.75		mg/Kg-dry	219238	1	02/02/2016 19:17	IO
Chromium	9.46	2.75		mg/Kg-dry	219238	1	02/02/2016 19:17	IO
Lead	9620	27.5		mg/Kg-dry	219238	5	02/03/2016 14:32	IO
Selenium	BRL	5.50		mg/Kg-dry	219238	1	02/02/2016 19:17	IO
Silver	14.8	2.75		mg/Kg-dry	219238	1	02/02/2016 19:17	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.5	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-12 1-3'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 12:45:00 PM
Lab ID:	1601K63-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	10.5	2.34		mg/Kg-dry	219250	20	02/03/2016 11:22	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	128	5.86		mg/Kg-dry	219238	1	02/02/2016 19:24	IO
Barium	502	5.86		mg/Kg-dry	219238	1	02/02/2016 19:24	IO
Cadmium	4.47	2.93		mg/Kg-dry	219238	1	02/02/2016 19:24	IO
Chromium	10.3	2.93		mg/Kg-dry	219238	1	02/02/2016 19:24	IO
Lead	53200	58.6		mg/Kg-dry	219238	10	02/03/2016 14:37	IO
Selenium	66.1	5.86		mg/Kg-dry	219238	1	02/02/2016 19:24	IO
Silver	7.81	2.93		mg/Kg-dry	219238	1	02/02/2016 19:24	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-12 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 12:53:00 PM
Lab ID:	1601K63-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	6.89	2.29		mg/Kg-dry	219250	20	02/03/2016 11:24	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	86.6	5.36		mg/Kg-dry	219238	1	02/02/2016 19:29	IO
Barium	316	5.36		mg/Kg-dry	219238	1	02/02/2016 19:29	IO
Cadmium	BRL	2.68		mg/Kg-dry	219238	1	02/02/2016 19:29	IO
Chromium	4.29	2.68		mg/Kg-dry	219238	1	02/02/2016 19:29	IO
Lead	2410	5.36		mg/Kg-dry	219238	1	02/02/2016 19:29	IO
Selenium	7.27	5.36		mg/Kg-dry	219238	1	02/02/2016 19:29	IO
Silver	BRL	2.68		mg/Kg-dry	219238	1	02/02/2016 19:29	IO
PERCENT MOISTURE D2216								
Percent Moisture	15.4	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-8 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:12:00 PM
Lab ID:	1601K63-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	0.377	0.105		mg/Kg-dry	219250	1	02/02/2016 15:43	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	16.3	5.16		mg/Kg-dry	219238	1	02/02/2016 19:33	IO
Barium	484	5.16		mg/Kg-dry	219238	1	02/02/2016 19:33	IO
Cadmium	BRL	2.58		mg/Kg-dry	219238	1	02/02/2016 19:33	IO
Chromium	8.72	2.58		mg/Kg-dry	219238	1	02/02/2016 19:33	IO
Lead	383	5.16		mg/Kg-dry	219238	1	02/02/2016 19:33	IO
Selenium	BRL	5.16		mg/Kg-dry	219238	1	02/02/2016 19:33	IO
Silver	BRL	2.58		mg/Kg-dry	219238	1	02/02/2016 19:33	IO
PERCENT MOISTURE D2216								
Percent Moisture	6.93	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-8 5-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:25:00 PM
Lab ID:	1601K63-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	2.19	0.567		mg/Kg-dry	219250	5	02/03/2016 11:26	MC
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	316	5.40		mg/Kg-dry	219238	1	02/02/2016 19:37	IO
Barium	1300	5.40		mg/Kg-dry	219238	1	02/02/2016 19:37	IO
Cadmium	4.79	2.70		mg/Kg-dry	219238	1	02/02/2016 19:37	IO
Chromium	3.71	2.70		mg/Kg-dry	219238	1	02/02/2016 19:37	IO
Lead	7560	27.0		mg/Kg-dry	219238	5	02/03/2016 14:40	IO
Selenium	BRL	5.40		mg/Kg-dry	219238	1	02/02/2016 19:37	IO
Silver	25.7	2.70		mg/Kg-dry	219238	1	02/02/2016 19:37	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.4	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-8 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:37:00 PM
Lab ID:	1601K63-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	1.06	0.107		mg/Kg-dry	219250	1	02/02/2016 15:51	MC
SPLP (1312) METALS SW1312/6010C					**(SW3010A)**			
Arsenic	BRL	0.0500		mg/L	219243	1	02/02/2016 18:26	JL
Barium	0.114	0.0200		mg/L	219243	1	02/02/2016 18:26	JL
Cadmium	BRL	0.00500		mg/L	219243	1	02/02/2016 18:26	JL
Chromium	BRL	0.0100		mg/L	219243	1	02/02/2016 18:26	JL
Lead	0.340	0.0100		mg/L	219243	1	02/02/2016 18:26	JL
Selenium	BRL	0.0200		mg/L	219243	1	02/02/2016 18:26	JL
Silver	BRL	0.0100		mg/L	219243	1	02/02/2016 18:26	JL
SPLP (1312) MERCURY SW1312/7470A					**(SW7470A)**			
Mercury	BRL	0.000200		mg/L	219249	1	02/02/2016 17:43	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	1260	5.95		mg/Kg-dry	219238	1	02/02/2016 19:43	IO
Barium	30.5	5.95		mg/Kg-dry	219238	1	02/02/2016 19:43	IO
Cadmium	15.4	2.98		mg/Kg-dry	219238	1	02/02/2016 19:43	IO
Chromium	BRL	2.98		mg/Kg-dry	219238	1	02/02/2016 19:43	IO
Lead	4860	5.95		mg/Kg-dry	219238	1	02/02/2016 19:43	IO
Selenium	BRL	5.95		mg/Kg-dry	219238	1	02/02/2016 19:43	IO
Silver	24.9	2.98		mg/Kg-dry	219238	1	02/02/2016 19:43	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-14 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:43:00 PM
Lab ID:	1601K63-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	3.36	1.20		mg/Kg-dry	219250	10	02/03/2016 11:28	MC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2,4,5-Trichlorophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2,4,6-Trichlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2,4-Dichlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2,4-Dimethylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2,4-Dinitrophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2,4-Dinitrotoluene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2,6-Dinitrotoluene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2-Chloronaphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2-Chlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2-Methylnaphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2-Methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
2-Nitrophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
3,3´-Dichlorobenzidine	BRL	840		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
3-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
4,6-Dinitro-2-methylphenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
4-Bromophenyl phenyl ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
4-Chloro-3-methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
4-Chloroaniline	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
4-Chlorophenyl phenyl ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
4-Methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
4-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
4-Nitrophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Acenaphthene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Acenaphthylene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Acetophenone	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Anthracene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Atrazine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Benz(a)anthracene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Benzaldehyde	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Benzo(a)pyrene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Benzo(b)fluoranthene	550	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Benzo(g,h,i)perylene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Benzo(k)fluoranthene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Bis(2-chloroethoxy)methane	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Bis(2-chloroethyl)ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Bis(2-chloroisopropyl)ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-14 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:43:00 PM
Lab ID:	1601K63-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Butyl benzyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Caprolactam	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Carbazole	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Chrysene	480	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Di-n-butyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Di-n-octyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Dibenz(a,h)anthracene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Dibenzofuran	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Diethyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Dimethyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Fluoranthene	680	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Fluorene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Hexachlorobenzene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Hexachlorobutadiene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Hexachlorocyclopentadiene	BRL	820		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Hexachloroethane	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Indeno(1,2,3-cd)pyrene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Isophorone	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
N-Nitrosodi-n-propylamine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
N-Nitrosodiphenylamine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Naphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Nitrobenzene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Pentachlorophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Phenanthrene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Phenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Pyrene	690	410		ug/Kg-dry	219103	1	01/29/2016 18:21	YH
Surr: 2,4,6-Tribromophenol	104	42.4-130		%REC	219103	1	01/29/2016 18:21	YH
Surr: 2-Fluorobiphenyl	102	51.5-120		%REC	219103	1	01/29/2016 18:21	YH
Surr: 2-Fluorophenol	84	41.1-120		%REC	219103	1	01/29/2016 18:21	YH
Surr: 4-Terphenyl-d14	93.2	52.7-117		%REC	219103	1	01/29/2016 18:21	YH
Surr: Nitrobenzene-d5	99.3	41.4-120		%REC	219103	1	01/29/2016 18:21	YH
Surr: Phenol-d5	97.1	47.6-120		%REC	219103	1	01/29/2016 18:21	YH
SPLP (1312) METALS SW1312/6010C				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	219243	1	02/02/2016 18:28	JL
Barium	0.0592	0.0200		mg/L	219243	1	02/02/2016 18:28	JL
Cadmium	BRL	0.00500		mg/L	219243	1	02/02/2016 18:28	JL
Chromium	BRL	0.0100		mg/L	219243	1	02/02/2016 18:28	JL
Lead	0.243	0.0100		mg/L	219243	1	02/02/2016 18:28	JL
Selenium	BRL	0.0200		mg/L	219243	1	02/02/2016 18:28	JL

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-14 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:43:00 PM
Lab ID:	1601K63-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) METALS SW1312/6010C					**(SW3010A)**			
Silver	BRL	0.0100		mg/L	219243	1	02/02/2016 18:28	JL
SPLP (1312) MERCURY SW1312/7470A					**(SW7470A)**			
Mercury	0.000286	0.000200		mg/L	219249	1	02/02/2016 17:45	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	197	5.69		mg/Kg-dry	219238	1	02/02/2016 19:55	IO
Barium	969	5.69		mg/Kg-dry	219238	1	02/02/2016 19:55	IO
Cadmium	3.19	2.85		mg/Kg-dry	219238	1	02/02/2016 19:55	IO
Chromium	25.4	2.85		mg/Kg-dry	219238	1	02/02/2016 19:55	IO
Lead	4230	5.69		mg/Kg-dry	219238	1	02/02/2016 19:55	IO
Selenium	BRL	5.69		mg/Kg-dry	219238	1	02/02/2016 19:55	IO
Silver	6.68	2.85		mg/Kg-dry	219238	1	02/02/2016 19:55	IO
PERCENT MOISTURE D2216								
Percent Moisture	20.0	0		wt%	R309410	1	02/01/2016 09:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-14 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:49:00 PM
Lab ID:	1601K63-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	2.58	1.13		mg/Kg-dry	219250	10	02/03/2016 11:30	MC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2,4,5-Trichlorophenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2,4,6-Trichlorophenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2,4-Dichlorophenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2,4-Dimethylphenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2,4-Dinitrophenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2,4-Dinitrotoluene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2,6-Dinitrotoluene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2-Chloronaphthalene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2-Chlorophenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2-Methylnaphthalene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2-Methylphenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2-Nitroaniline	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
2-Nitrophenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
3,3´-Dichlorobenzidine	BRL	770		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
3-Nitroaniline	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
4,6-Dinitro-2-methylphenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
4-Bromophenyl phenyl ether	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
4-Chloro-3-methylphenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
4-Chloroaniline	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
4-Chlorophenyl phenyl ether	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
4-Methylphenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
4-Nitroaniline	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
4-Nitrophenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Acenaphthene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Acenaphthylene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Acetophenone	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Anthracene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Atrazine	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Benz(a)anthracene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Benzaldehyde	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Benzo(a)pyrene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Benzo(b)fluoranthene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Benzo(g,h,i)perylene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Benzo(k)fluoranthene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Bis(2-chloroethoxy)methane	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Bis(2-chloroethyl)ether	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Bis(2-chloroisopropyl)ether	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-14 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:49:00 PM
Lab ID:	1601K63-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Butyl benzyl phthalate	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Caprolactam	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Carbazole	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Chrysene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Di-n-butyl phthalate	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Di-n-octyl phthalate	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Dibenz(a,h)anthracene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Dibenzofuran	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Diethyl phthalate	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Dimethyl phthalate	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Fluoranthene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Fluorene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Hexachlorobenzene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Hexachlorobutadiene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Hexachlorocyclopentadiene	BRL	760		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Hexachloroethane	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Indeno(1,2,3-cd)pyrene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Isophorone	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
N-Nitrosodi-n-propylamine	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
N-Nitrosodiphenylamine	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Naphthalene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Nitrobenzene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Pentachlorophenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Phenanthrene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Phenol	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Pyrene	BRL	380		ug/Kg-dry	219103	1	01/29/2016 18:49	YH
Surr: 2,4,6-Tribromophenol	105	42.4-130		%REC	219103	1	01/29/2016 18:49	YH
Surr: 2-Fluorobiphenyl	96.1	51.5-120		%REC	219103	1	01/29/2016 18:49	YH
Surr: 2-Fluorophenol	77.7	41.1-120		%REC	219103	1	01/29/2016 18:49	YH
Surr: 4-Terphenyl-d14	97.8	52.7-117		%REC	219103	1	01/29/2016 18:49	YH
Surr: Nitrobenzene-d5	98	41.4-120		%REC	219103	1	01/29/2016 18:49	YH
Surr: Phenol-d5	91.7	47.6-120		%REC	219103	1	01/29/2016 18:49	YH
SPLP (1312) METALS SW1312/6010C				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	219243	1	02/02/2016 18:31	JL
Barium	0.0990	0.0200		mg/L	219243	1	02/02/2016 18:31	JL
Cadmium	0.0122	0.00500		mg/L	219243	1	02/02/2016 18:31	JL
Chromium	BRL	0.0100		mg/L	219243	1	02/02/2016 18:31	JL
Lead	8.21	0.0100		mg/L	219243	1	02/02/2016 18:31	JL
Selenium	BRL	0.0200		mg/L	219243	1	02/02/2016 18:31	JL

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-14 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 2:49:00 PM
Lab ID:	1601K63-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
SPLP (1312) METALS SW1312/6010C					**(SW3010A)**			
Silver	BRL	0.0100		mg/L	219243	1	02/02/2016 18:31	JL
SPLP (1312) MERCURY SW1312/7470A					**(SW7470A)**			
Mercury	0.00372	0.000200		mg/L	219249	1	02/02/2016 17:47	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	441	4.29		mg/Kg-dry	219238	1	02/02/2016 19:59	IO
Barium	415	4.29		mg/Kg-dry	219238	1	02/02/2016 19:59	IO
Cadmium	8.08	2.14		mg/Kg-dry	219238	1	02/02/2016 19:59	IO
Chromium	2.35	2.14		mg/Kg-dry	219238	1	02/02/2016 19:59	IO
Lead	13900	42.9		mg/Kg-dry	219238	10	02/03/2016 14:47	IO
Selenium	BRL	4.29		mg/Kg-dry	219238	1	02/02/2016 19:59	IO
Silver	37.4	2.14		mg/Kg-dry	219238	1	02/02/2016 19:59	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.2	0		wt%	R309410	1	02/01/2016 09:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-15 5-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 3:29:00 PM
Lab ID:	1601K63-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	1.31	0.215		mg/Kg-dry	219250	2	02/03/2016 11:33	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	341	5.00		mg/Kg-dry	219238	1	02/02/2016 20:03	IO
Barium	1150	5.00		mg/Kg-dry	219238	1	02/02/2016 20:03	IO
Cadmium	5.39	2.50		mg/Kg-dry	219238	1	02/02/2016 20:03	IO
Chromium	8.50	2.50		mg/Kg-dry	219238	1	02/02/2016 20:03	IO
Lead	2710	5.00		mg/Kg-dry	219238	1	02/02/2016 20:03	IO
Selenium	BRL	5.00		mg/Kg-dry	219238	1	02/02/2016 20:03	IO
Silver	17.4	2.50		mg/Kg-dry	219238	1	02/02/2016 20:03	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.5	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-16 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 3:38:00 PM
Lab ID:	1601K63-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	2.22	0.600		mg/Kg-dry	219250	5	02/03/2016 11:35	MC
SPLP (1312) METALS SW1312/6010C					**(SW3010A)**			
Arsenic	0.101	0.0500		mg/L	219243	1	02/02/2016 18:34	JL
Barium	0.0730	0.0200		mg/L	219243	1	02/02/2016 18:34	JL
Cadmium	BRL	0.00500		mg/L	219243	1	02/02/2016 18:34	JL
Chromium	BRL	0.0100		mg/L	219243	1	02/02/2016 18:34	JL
Lead	0.0420	0.0100		mg/L	219243	1	02/02/2016 18:34	JL
Selenium	BRL	0.0200		mg/L	219243	1	02/02/2016 18:34	JL
Silver	BRL	0.0100		mg/L	219243	1	02/02/2016 18:34	JL
SPLP (1312) MERCURY SW1312/7470A					**(SW7470A)**			
Mercury	BRL	0.000200		mg/L	219249	1	02/02/2016 17:49	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	1490	5.67		mg/Kg-dry	219238	1	02/02/2016 20:08	IO
Barium	159	5.67		mg/Kg-dry	219238	1	02/02/2016 20:08	IO
Cadmium	12.4	2.83		mg/Kg-dry	219238	1	02/02/2016 20:08	IO
Chromium	BRL	2.83		mg/Kg-dry	219238	1	02/02/2016 20:08	IO
Lead	12500	28.3		mg/Kg-dry	219238	5	02/03/2016 14:51	IO
Selenium	BRL	5.67		mg/Kg-dry	219238	1	02/02/2016 20:08	IO
Silver	32.0	2.83		mg/Kg-dry	219238	1	02/02/2016 20:08	IO
PERCENT MOISTURE D2216								
Percent Moisture	19.4	0		wt%	R309459	1	02/01/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-18 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:08:00 PM
Lab ID:	1601K63-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.0984		mg/Kg-dry	219250	1	02/02/2016 16:02	MC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2,4,5-Trichlorophenol	BRL	1900		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2,4,6-Trichlorophenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2,4-Dichlorophenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2,4-Dimethylphenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2,4-Dinitrophenol	BRL	1900		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2,4-Dinitrotoluene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2,6-Dinitrotoluene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2-Chloronaphthalene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2-Chlorophenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2-Methylnaphthalene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2-Methylphenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2-Nitroaniline	BRL	1900		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
2-Nitrophenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
3,3´-Dichlorobenzidine	BRL	740		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
3-Nitroaniline	BRL	1900		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
4,6-Dinitro-2-methylphenol	BRL	1900		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
4-Bromophenyl phenyl ether	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
4-Chloro-3-methylphenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
4-Chloroaniline	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
4-Chlorophenyl phenyl ether	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
4-Methylphenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
4-Nitroaniline	BRL	1900		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
4-Nitrophenol	BRL	1900		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Acenaphthene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Acenaphthylene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Acetophenone	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Anthracene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Atrazine	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Benz(a)anthracene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Benzaldehyde	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Benzo(a)pyrene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Benzo(b)fluoranthene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Benzo(g,h,i)perylene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Benzo(k)fluoranthene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Bis(2-chloroethoxy)methane	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Bis(2-chloroethyl)ether	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Bis(2-chloroisopropyl)ether	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-18 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:08:00 PM
Lab ID:	1601K63-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Butyl benzyl phthalate	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Caprolactam	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Carbazole	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Chrysene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Di-n-butyl phthalate	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Di-n-octyl phthalate	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Dibenz(a,h)anthracene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Dibenzofuran	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Diethyl phthalate	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Dimethyl phthalate	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Fluoranthene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Fluorene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Hexachlorobenzene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Hexachlorobutadiene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Hexachlorocyclopentadiene	BRL	720		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Hexachloroethane	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Indeno(1,2,3-cd)pyrene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Isophorone	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
N-Nitrosodi-n-propylamine	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
N-Nitrosodiphenylamine	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Naphthalene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Nitrobenzene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Pentachlorophenol	BRL	1900		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Phenanthrene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Phenol	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Pyrene	BRL	360		ug/Kg-dry	219103	1	01/29/2016 19:17	YH
Surr: 2,4,6-Tribromophenol	103	42.4-130		%REC	219103	1	01/29/2016 19:17	YH
Surr: 2-Fluorobiphenyl	97.6	51.5-120		%REC	219103	1	01/29/2016 19:17	YH
Surr: 2-Fluorophenol	78.5	41.1-120		%REC	219103	1	01/29/2016 19:17	YH
Surr: 4-Terphenyl-d14	90.8	52.7-117		%REC	219103	1	01/29/2016 19:17	YH
Surr: Nitrobenzene-d5	97.8	41.4-120		%REC	219103	1	01/29/2016 19:17	YH
Surr: Phenol-d5	91.7	47.6-120		%REC	219103	1	01/29/2016 19:17	YH
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	BRL	4.53		mg/Kg-dry	219238	1	02/02/2016 20:15	IO
Barium	146	4.53		mg/Kg-dry	219238	1	02/02/2016 20:15	IO
Cadmium	BRL	2.27		mg/Kg-dry	219238	1	02/02/2016 20:15	IO
Chromium	31.1	2.27		mg/Kg-dry	219238	1	02/02/2016 20:15	IO
Lead	BRL	4.53		mg/Kg-dry	219238	1	02/02/2016 20:15	IO
Selenium	BRL	4.53		mg/Kg-dry	219238	1	02/02/2016 20:15	IO

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-18 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:08:00 PM
Lab ID:	1601K63-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					**(SW3050B)**			
Silver	BRL	2.27		mg/Kg-dry	219238	1	02/02/2016 20:15	IO
PERCENT MOISTURE D2216								
Percent Moisture	8.96	0		wt%	R309410	1	02/01/2016 09:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-20 2-4'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:29:00 PM
Lab ID:	1601K63-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
1,1´-Biphenyl	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2,4,5-Trichlorophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2,4,6-Trichlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2,4-Dichlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2,4-Dimethylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2,4-Dinitrophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2,4-Dinitrotoluene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2,6-Dinitrotoluene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2-Chloronaphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2-Chlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2-Methylnaphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2-Methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
2-Nitrophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
3,3´-Dichlorobenzidine	BRL	820		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
3-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
4,6-Dinitro-2-methylphenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
4-Bromophenyl phenyl ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
4-Chloro-3-methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
4-Chloroaniline	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
4-Chlorophenyl phenyl ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
4-Methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
4-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
4-Nitrophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Acenaphthene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Acenaphthylene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Acetophenone	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Anthracene	440	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Atrazine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Benz(a)anthracene	1100	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Benzaldehyde	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Benzo(a)pyrene	940	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Benzo(b)fluoranthene	1100	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Benzo(g,h,i)perylene	650	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Benzo(k)fluoranthene	410	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Bis(2-chloroethoxy)methane	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Bis(2-chloroethyl)ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Bis(2-chloroisopropyl)ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Bis(2-ethylhexyl)phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Butyl benzyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Caprolactam	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-20 2-4'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:29:00 PM
Lab ID:	1601K63-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Carbazole	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Chrysene	1100	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Di-n-butyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Di-n-octyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Dibenz(a,h)anthracene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Dibenzofuran	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Diethyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Dimethyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Fluoranthene	2600	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Fluorene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Hexachlorobenzene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Hexachlorobutadiene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Hexachlorocyclopentadiene	BRL	810		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Hexachloroethane	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Indeno(1,2,3-cd)pyrene	510	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Isophorone	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
N-Nitrosodi-n-propylamine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
N-Nitrosodiphenylamine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Naphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Nitrobenzene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Pentachlorophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Phenanthrene	2000	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Phenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Pyrene	2400	410		ug/Kg-dry	219103	1	01/29/2016 19:46	YH
Surr: 2,4,6-Tribromophenol	113	42.4-130		%REC	219103	1	01/29/2016 19:46	YH
Surr: 2-Fluorobiphenyl	104	51.5-120		%REC	219103	1	01/29/2016 19:46	YH
Surr: 2-Fluorophenol	83.4	41.1-120		%REC	219103	1	01/29/2016 19:46	YH
Surr: 4-Terphenyl-d14	98.8	52.7-117		%REC	219103	1	01/29/2016 19:46	YH
Surr: Nitrobenzene-d5	103	41.4-120		%REC	219103	1	01/29/2016 19:46	YH
Surr: Phenol-d5	98	47.6-120		%REC	219103	1	01/29/2016 19:46	YH
PERCENT MOISTURE D2216								
Percent Moisture	18.6	0		wt%	R309410	1	02/01/2016 09:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-20 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:31:00 PM
Lab ID:	1601K63-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.121		mg/Kg-dry	219250	1	02/02/2016 16:05	MC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2,4,5-Trichlorophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2,4,6-Trichlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2,4-Dichlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2,4-Dimethylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2,4-Dinitrophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2,4-Dinitrotoluene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2,6-Dinitrotoluene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2-Chloronaphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2-Chlorophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2-Methylnaphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2-Methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
2-Nitrophenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
3,3´-Dichlorobenzidine	BRL	830		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
3-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
4,6-Dinitro-2-methylphenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
4-Bromophenyl phenyl ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
4-Chloro-3-methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
4-Chloroaniline	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
4-Chlorophenyl phenyl ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
4-Methylphenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
4-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
4-Nitrophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Acenaphthene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Acenaphthylene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Acetophenone	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Anthracene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Atrazine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Benz(a)anthracene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Benzaldehyde	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Benzo(a)pyrene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Benzo(b)fluoranthene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Benzo(g,h,i)perylene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Benzo(k)fluoranthene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Bis(2-chloroethoxy)methane	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Bis(2-chloroethyl)ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Bis(2-chloroisopropyl)ether	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-20 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:31:00 PM
Lab ID:	1601K63-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Butyl benzyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Caprolactam	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Carbazole	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Chrysene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Di-n-butyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Di-n-octyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Dibenz(a,h)anthracene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Dibenzofuran	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Diethyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Dimethyl phthalate	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Fluoranthene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Fluorene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Hexachlorobenzene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Hexachlorobutadiene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Hexachlorocyclopentadiene	BRL	820		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Hexachloroethane	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Indeno(1,2,3-cd)pyrene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Isophorone	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
N-Nitrosodi-n-propylamine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
N-Nitrosodiphenylamine	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Naphthalene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Nitrobenzene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Pentachlorophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Phenanthrene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Phenol	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Pyrene	BRL	410		ug/Kg-dry	219103	1	01/29/2016 20:16	YH
Surr: 2,4,6-Tribromophenol	102	42.4-130		%REC	219103	1	01/29/2016 20:16	YH
Surr: 2-Fluorobiphenyl	95.4	51.5-120		%REC	219103	1	01/29/2016 20:16	YH
Surr: 2-Fluorophenol	80.4	41.1-120		%REC	219103	1	01/29/2016 20:16	YH
Surr: 4-Terphenyl-d14	92.5	52.7-117		%REC	219103	1	01/29/2016 20:16	YH
Surr: Nitrobenzene-d5	95.4	41.4-120		%REC	219103	1	01/29/2016 20:16	YH
Surr: Phenol-d5	91.5	47.6-120		%REC	219103	1	01/29/2016 20:16	YH
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	BRL	5.73		mg/Kg-dry	219238	1	02/02/2016 20:18	IO
Barium	172	5.73		mg/Kg-dry	219238	1	02/02/2016 20:18	IO
Cadmium	BRL	2.86		mg/Kg-dry	219238	1	02/02/2016 20:18	IO
Chromium	23.6	2.86		mg/Kg-dry	219238	1	02/02/2016 20:18	IO
Lead	12.7	5.73		mg/Kg-dry	219238	1	02/02/2016 20:18	IO
Selenium	BRL	5.73		mg/Kg-dry	219238	1	02/02/2016 20:18	IO

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-20 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:31:00 PM
Lab ID:	1601K63-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					**(SW3050B)**			
Silver	BRL	2.86		mg/Kg-dry	219238	1	02/02/2016 20:18	IO
PERCENT MOISTURE D2216								
Percent Moisture	19.5	0		wt%	R309410	1	02/01/2016 09:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-19 2-4'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:35:00 PM
Lab ID:	1601K63-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
1,1´-Biphenyl	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2,4,5-Trichlorophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2,4,6-Trichlorophenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2,4-Dichlorophenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2,4-Dimethylphenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2,4-Dinitrophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2,4-Dinitrotoluene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2,6-Dinitrotoluene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2-Chloronaphthalene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2-Chlorophenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2-Methylnaphthalene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2-Methylphenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
2-Nitrophenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
3,3´-Dichlorobenzidine	BRL	820		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
3-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
4,6-Dinitro-2-methylphenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
4-Bromophenyl phenyl ether	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
4-Chloro-3-methylphenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
4-Chloroaniline	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
4-Chlorophenyl phenyl ether	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
4-Methylphenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
4-Nitroaniline	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
4-Nitrophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Acenaphthene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Acenaphthylene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Acetophenone	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Anthracene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Atrazine	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Benz(a)anthracene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Benzaldehyde	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Benzo(a)pyrene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Benzo(b)fluoranthene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Benzo(g,h,i)perylene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Benzo(k)fluoranthene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Bis(2-chloroethoxy)methane	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Bis(2-chloroethyl)ether	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Bis(2-chloroisopropyl)ether	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Bis(2-ethylhexyl)phthalate	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Butyl benzyl phthalate	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Caprolactam	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-19 2-4'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:35:00 PM
Lab ID:	1601K63-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Carbazole	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Chrysene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Di-n-butyl phthalate	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Di-n-octyl phthalate	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Dibenz(a,h)anthracene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Dibenzofuran	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Diethyl phthalate	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Dimethyl phthalate	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Fluoranthene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Fluorene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Hexachlorobenzene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Hexachlorobutadiene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Hexachlorocyclopentadiene	BRL	800		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Hexachloroethane	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Indeno(1,2,3-cd)pyrene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Isophorone	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
N-Nitrosodi-n-propylamine	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
N-Nitrosodiphenylamine	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Naphthalene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Nitrobenzene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Pentachlorophenol	BRL	2100		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Phenanthrene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Phenol	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Pyrene	BRL	400		ug/Kg-dry	219103	1	01/29/2016 20:44	YH
Surr: 2,4,6-Tribromophenol	109	42.4-130		%REC	219103	1	01/29/2016 20:44	YH
Surr: 2-Fluorobiphenyl	98.2	51.5-120		%REC	219103	1	01/29/2016 20:44	YH
Surr: 2-Fluorophenol	69	41.1-120		%REC	219103	1	01/29/2016 20:44	YH
Surr: 4-Terphenyl-d14	99.7	52.7-117		%REC	219103	1	01/29/2016 20:44	YH
Surr: Nitrobenzene-d5	89.8	41.4-120		%REC	219103	1	01/29/2016 20:44	YH
Surr: Phenol-d5	89	47.6-120		%REC	219103	1	01/29/2016 20:44	YH
PERCENT MOISTURE D2216								
Percent Moisture	18.0	0		wt%	R309410	1	02/01/2016 09:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-19 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:37:00 PM
Lab ID:	1601K63-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
1,1´-Biphenyl	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2,4,5-Trichlorophenol	BRL	2200		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2,4,6-Trichlorophenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2,4-Dichlorophenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2,4-Dimethylphenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2,4-Dinitrophenol	BRL	2200		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2,4-Dinitrotoluene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2,6-Dinitrotoluene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2-Chloronaphthalene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2-Chlorophenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2-Methylnaphthalene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2-Methylphenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2-Nitroaniline	BRL	2200		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
2-Nitrophenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
3,3´-Dichlorobenzidine	BRL	870		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
3-Nitroaniline	BRL	2200		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
4,6-Dinitro-2-methylphenol	BRL	2200		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
4-Bromophenyl phenyl ether	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
4-Chloro-3-methylphenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
4-Chloroaniline	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
4-Chlorophenyl phenyl ether	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
4-Methylphenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
4-Nitroaniline	BRL	2200		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
4-Nitrophenol	BRL	2200		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Acenaphthene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Acenaphthylene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Acetophenone	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Anthracene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Atrazine	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Benz(a)anthracene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Benzaldehyde	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Benzo(a)pyrene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Benzo(b)fluoranthene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Benzo(g,h,i)perylene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Benzo(k)fluoranthene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Bis(2-chloroethoxy)methane	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Bis(2-chloroethyl)ether	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Bis(2-chloroisopropyl)ether	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Bis(2-ethylhexyl)phthalate	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Butyl benzyl phthalate	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Caprolactam	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-19 8-10'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:37:00 PM
Lab ID:	1601K63-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Carbazole	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Chrysene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Di-n-butyl phthalate	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Di-n-octyl phthalate	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Dibenz(a,h)anthracene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Dibenzofuran	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Diethyl phthalate	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Dimethyl phthalate	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Fluoranthene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Fluorene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Hexachlorobenzene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Hexachlorobutadiene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Hexachlorocyclopentadiene	BRL	860		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Hexachloroethane	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Indeno(1,2,3-cd)pyrene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Isophorone	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
N-Nitrosodi-n-propylamine	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
N-Nitrosodiphenylamine	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Naphthalene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Nitrobenzene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Pentachlorophenol	BRL	2200		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Phenanthrene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Phenol	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Pyrene	BRL	430		ug/Kg-dry	219103	1	01/29/2016 21:13	YH
Surr: 2,4,6-Tribromophenol	99	42.4-130		%REC	219103	1	01/29/2016 21:13	YH
Surr: 2-Fluorobiphenyl	93.7	51.5-120		%REC	219103	1	01/29/2016 21:13	YH
Surr: 2-Fluorophenol	75.7	41.1-120		%REC	219103	1	01/29/2016 21:13	YH
Surr: 4-Terphenyl-d14	89.9	52.7-117		%REC	219103	1	01/29/2016 21:13	YH
Surr: Nitrobenzene-d5	92.5	41.4-120		%REC	219103	1	01/29/2016 21:13	YH
Surr: Phenol-d5	88.2	47.6-120		%REC	219103	1	01/29/2016 21:13	YH
PERCENT MOISTURE D2216								
Percent Moisture	23.0	0		wt%	R309410	1	02/01/2016 09:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-21 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:50:00 PM
Lab ID:	1601K63-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	8.32	2.18		mg/Kg-dry	219251	20	02/03/2016 11:37	MC
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2,4,5-Trichlorophenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2,4,6-Trichlorophenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2,4-Dichlorophenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2,4-Dimethylphenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2,4-Dinitrophenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2,4-Dinitrotoluene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2,6-Dinitrotoluene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2-Chloronaphthalene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2-Chlorophenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2-Methylnaphthalene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2-Methylphenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2-Nitroaniline	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
2-Nitrophenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
3,3´-Dichlorobenzidine	BRL	780		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
3-Nitroaniline	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
4,6-Dinitro-2-methylphenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
4-Bromophenyl phenyl ether	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
4-Chloro-3-methylphenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
4-Chloroaniline	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
4-Chlorophenyl phenyl ether	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
4-Methylphenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
4-Nitroaniline	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
4-Nitrophenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Acenaphthene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Acenaphthylene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Acetophenone	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Anthracene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Atrazine	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Benz(a)anthracene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Benzaldehyde	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Benzo(a)pyrene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Benzo(b)fluoranthene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Benzo(g,h,i)perylene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Benzo(k)fluoranthene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Bis(2-chloroethoxy)methane	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Bis(2-chloroethyl)ether	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Bis(2-chloroisopropyl)ether	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-21 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:50:00 PM
Lab ID:	1601K63-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Butyl benzyl phthalate	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Caprolactam	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Carbazole	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Chrysene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Di-n-butyl phthalate	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Di-n-octyl phthalate	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Dibenz(a,h)anthracene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Dibenzofuran	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Diethyl phthalate	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Dimethyl phthalate	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Fluoranthene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Fluorene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Hexachlorobenzene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Hexachlorobutadiene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Hexachlorocyclopentadiene	BRL	770		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Hexachloroethane	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Indeno(1,2,3-cd)pyrene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Isophorone	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
N-Nitrosodi-n-propylamine	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
N-Nitrosodiphenylamine	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Naphthalene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Nitrobenzene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Pentachlorophenol	BRL	2000		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Phenanthrene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Phenol	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Pyrene	BRL	390		ug/Kg-dry	219103	1	01/29/2016 21:42	YH
Surr: 2,4,6-Tribromophenol	114	42.4-130		%REC	219103	1	01/29/2016 21:42	YH
Surr: 2-Fluorobiphenyl	107	51.5-120		%REC	219103	1	01/29/2016 21:42	YH
Surr: 2-Fluorophenol	82.9	41.1-120		%REC	219103	1	01/29/2016 21:42	YH
Surr: 4-Terphenyl-d14	101	52.7-117		%REC	219103	1	01/29/2016 21:42	YH
Surr: Nitrobenzene-d5	108	41.4-120		%REC	219103	1	01/29/2016 21:42	YH
Surr: Phenol-d5	97.2	47.6-120		%REC	219103	1	01/29/2016 21:42	YH
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	888	5.67		mg/Kg-dry	219239	1	02/03/2016 15:31	IO
Barium	483	5.67		mg/Kg-dry	219239	1	02/03/2016 15:31	IO
Cadmium	4.73	2.83		mg/Kg-dry	219239	1	02/03/2016 15:31	IO
Chromium	17.4	2.83		mg/Kg-dry	219239	1	02/03/2016 15:31	IO
Lead	654	5.67		mg/Kg-dry	219239	1	02/03/2016 15:31	IO
Selenium	BRL	5.67		mg/Kg-dry	219239	1	02/03/2016 15:31	IO

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-21 3-5'
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 4:50:00 PM
Lab ID:	1601K63-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					**(SW3050B)**			
Silver	BRL	2.83		mg/Kg-dry	219239	1	02/03/2016 15:31	IO
PERCENT MOISTURE D2216								
Percent Moisture	14.5	0		wt%	R309410	1	02/01/2016 09:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client SEA Work Order Number 1601K63

Checklist completed by Christian Foster 1/27/10
Signature Date

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

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

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

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

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

Cooler #1 3.1° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

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

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: **219103**

Sample ID: **MB-219103** Client ID: Units: **ug/Kg** Prep Date: **01/29/2016** Run No: **309359**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219103** Analysis Date: **01/29/2016** Seq No: **6643128**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3´-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									

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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: **219103**

Sample ID: **MB-219103** Client ID: Units: **ug/Kg** Prep Date: **01/29/2016** Run No: **309359**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219103** Analysis Date: **01/29/2016** Seq No: **6643128**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									

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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: **219103**

Sample ID: **MB-219103** Client ID: Units: **ug/Kg** Prep Date: **01/29/2016** Run No: **309359**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219103** Analysis Date: **01/29/2016** Seq No: **6643128**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	3761	0	3333		113	42.4	130				
Surr: 2-Fluorobiphenyl	1671	0	1667		100	51.5	120				
Surr: 2-Fluorophenol	2585	0	3333		77.6	41.1	120				
Surr: 4-Terphenyl-d14	1670	0	1667		100	52.7	117				
Surr: Nitrobenzene-d5	1607	0	1667		96.4	41.4	120				
Surr: Phenol-d5	2875	0	3333		86.2	47.6	120				

Sample ID: **LCS-219103** Client ID: Units: **ug/Kg** Prep Date: **01/29/2016** Run No: **309359**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219103** Analysis Date: **01/29/2016** Seq No: **6643129**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	3710	330	3333		111	64.8	117				
2-Chlorophenol	2760	330	3333		82.8	61.7	120				
4-Chloro-3-methylphenol	3148	330	3333		94.4	63.7	119				
4-Nitrophenol	2947	1700	3333		88.4	40.1	122				
Acenaphthene	3360	330	3333		101	69.6	120				
N-Nitrosodi-n-propylamine	3297	330	3333		98.9	61.5	132				

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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: 219103

Sample ID: **LCS-219103** Client ID: Units: **ug/Kg** Prep Date: **01/29/2016** Run No: **309359**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219103** Analysis Date: **01/29/2016** Seq No: **6643129**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	3060	1700	3333		91.8	40.2	121				
Phenol	2504	330	3333		75.1	52.8	120				
Pyrene	3200	330	3333		96.0	64	124				
Surr: 2,4,6-Tribromophenol	4328	0	3333		130	42.4	130				
Surr: 2-Fluorobiphenyl	1841	0	1667		110	51.5	120				
Surr: 2-Fluorophenol	2791	0	3333		83.7	41.1	120				
Surr: 4-Terphenyl-d14	1825	0	1667		110	52.7	117				
Surr: Nitrobenzene-d5	1719	0	1667		103	41.4	120				
Surr: Phenol-d5	3007	0	3333		90.2	47.6	120				

Sample ID: **1601M14-024BMS** Client ID: Units: **ug/Kg-dry** Prep Date: **01/29/2016** Run No: **309359**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219103** Analysis Date: **01/29/2016** Seq No: **6643131**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	4117	400	4079		101	49.2	120				
2-Chlorophenol	3348	400	4079		82.1	51.7	120				
4-Chloro-3-methylphenol	3819	400	4079		93.6	52.9	120				
4-Nitrophenol	3545	2100	4079		86.9	30.8	120				
Acenaphthene	3956	400	4079		97.0	52.2	120				
N-Nitrosodi-n-propylamine	4034	400	4079		98.9	51.7	125				
Pentachlorophenol	3550	2100	4079		87.0	39.4	120				
Phenol	3093	400	4079		75.8	45.4	120				
Pyrene	3537	400	4079		86.7	49.1	120				
Surr: 2,4,6-Tribromophenol	5099	0	4079		125	42.4	130				
Surr: 2-Fluorobiphenyl	2196	0	2039		108	51.5	120				
Surr: 2-Fluorophenol	3295	0	4079		80.8	41.1	120				
Surr: 4-Terphenyl-d14	2008	0	2039		98.4	52.7	117				
Surr: Nitrobenzene-d5	2127	0	2039		104	41.4	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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: **219103**

Sample ID: **1601M14-024BMS** Client ID: Units: **ug/Kg-dry** Prep Date: **01/29/2016** Run No: **309359**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219103** Analysis Date: **01/29/2016** Seq No: **6643131**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	3703	0	4079		90.8	47.6	120				

Sample ID: **1601M14-024BMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **01/29/2016** Run No: **309359**
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219103** Analysis Date: **01/29/2016** Seq No: **6643132**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	4000	400	4079		98.1	49.2	120	4117	2.87	23.4	
2-Chlorophenol	3162	400	4079		77.5	51.7	120	3348	5.73	29.9	
4-Chloro-3-methylphenol	3690	400	4079		90.5	52.9	120	3819	3.43	45.7	
4-Nitrophenol	3375	2100	4079		82.8	30.8	120	3545	4.90	30.8	
Acenaphthene	3790	400	4079		92.9	52.2	120	3956	4.29	24.4	
N-Nitrosodi-n-propylamine	3760	400	4079		92.2	51.7	125	4034	7.03	19.7	
Pentachlorophenol	3525	2100	4079		86.4	39.4	120	3550	0.703	26.5	
Phenol	2886	400	4079		70.8	45.4	120	3093	6.93	20.7	
Pyrene	3518	400	4079		86.3	49.1	120	3537	0.532	33.4	
Surr: 2,4,6-Tribromophenol	5057	0	4079		124	42.4	130	5099	0	0	
Surr: 2-Fluorobiphenyl	2110	0	2039		103	51.5	120	2196	0	0	
Surr: 2-Fluorophenol	3210	0	4079		78.7	41.1	120	3295	0	0	
Surr: 4-Terphenyl-d14	2004	0	2039		98.3	52.7	117	2008	0	0	
Surr: Nitrobenzene-d5	2054	0	2039		101	41.4	120	2127	0	0	
Surr: Phenol-d5	3487	0	4079		85.5	47.6	120	3703	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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: **219238**

Sample ID: **MB-219238** Client ID: Units: **mg/Kg** Prep Date: **02/02/2016** Run No: **309604**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **219238** Analysis Date: **02/02/2016** Seq No: **6647369**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID: **LCS-219238** Client ID: Units: **mg/Kg** Prep Date: **02/02/2016** Run No: **309604**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **219238** Analysis Date: **02/02/2016** Seq No: **6647370**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	48.58	5.00	50.00		97.2	80	120				
Barium	49.54	5.00	50.00		99.1	80	120				
Cadmium	48.66	2.50	50.00		97.3	80	120				
Chromium	50.05	2.50	50.00		100	80	120				
Lead	49.26	5.00	50.00		98.5	80	120				
Selenium	48.96	5.00	50.00		97.9	80	120				
Silver	4.901	2.50	5.000		98.0	80	120				

Sample ID: **1601K63-007AMS** Client ID: **B-9 3-5'** Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309604**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **219238** Analysis Date: **02/02/2016** Seq No: **6647372**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	94.96	5.50	55.00	33.32	112	75	125				
Barium	84.38	5.50	55.00	27.39	104	75	125				
Cadmium	51.69	2.75	55.00	0.1530	93.7	75	125				
Chromium	64.55	2.75	55.00	16.57	87.2	75	125				

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

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: **219238**

Sample ID: **1601K63-007AMS** Client ID: **B-9 3-5'** Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309604**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **219238** Analysis Date: **02/02/2016** Seq No: **6647372**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	54.12	5.50	55.00	4.867	89.5	75	125				
Selenium	51.41	5.50	55.00	0.8143	92.0	75	125				
Silver	5.208	2.75	5.500		94.7	75	125				

Sample ID: **1601K63-007AMSD** Client ID: **B-9 3-5'** Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309604**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010C** BatchID: **219238** Analysis Date: **02/02/2016** Seq No: **6647373**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	94.10	5.53	55.26	33.32	110	75	125	94.96	0.914	20	
Barium	82.24	5.53	55.26	27.39	99.3	75	125	84.38	2.57	20	
Cadmium	52.15	2.76	55.26	0.1530	94.1	75	125	51.69	0.888	20	
Chromium	64.92	2.76	55.26	16.57	87.5	75	125	64.55	0.575	20	
Lead	57.37	5.53	55.26	4.867	95.0	75	125	54.12	5.83	20	
Selenium	52.59	5.53	55.26	0.8143	93.7	75	125	51.41	2.27	20	
Silver	5.273	2.76	5.526		95.4	75	125	5.208	1.24	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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: 219239

Sample ID: **MB-219239** Client ID: Units: **mg/Kg** Prep Date: **02/02/2016** Run No: **309669**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010C** BatchID: **219239** Analysis Date: **02/03/2016** Seq No: **6648763**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID: **LCS-219239** Client ID: Units: **mg/Kg** Prep Date: **02/02/2016** Run No: **309669**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010C** BatchID: **219239** Analysis Date: **02/03/2016** Seq No: **6648764**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	47.40	5.00	50.00		94.8	80	120				
Barium	48.92	5.00	50.00		97.8	80	120				
Cadmium	47.67	2.50	50.00		95.3	80	120				
Chromium	49.07	2.50	50.00		98.1	80	120				
Lead	47.76	5.00	50.00		95.5	80	120				
Selenium	47.89	5.00	50.00		95.8	80	120				
Silver	4.865	2.50	5.000		97.3	80	120				

Sample ID: **1601K63-024AMS** Client ID: **B-21 3-5'** Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309669**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **219239** Analysis Date: **02/03/2016** Seq No: **6648766**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	886.7	5.67	56.71	888.2	-2.63	75	125				S
Barium	659.4	5.67	56.71	482.9	311	75	125				S
Cadmium	58.84	2.84	56.71	4.726	95.4	75	125				
Chromium	68.38	2.84	56.71	17.39	89.9	75	125				

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

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: **219239**

Sample ID: **1601K63-024AMS** Client ID: **B-21 3-5'** Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309669**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **219239** Analysis Date: **02/03/2016** Seq No: **6648766**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	570.6	5.67	56.71	653.9	-147	75	125				S
Selenium	52.96	5.67	56.71	4.964	84.6	75	125				
Silver	6.497	2.84	5.671	1.213	93.2	75	125				

Sample ID: **1601K63-024AMSD** Client ID: **B-21 3-5'** Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309669**
SampleType: **MSD** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **219239** Analysis Date: **02/03/2016** Seq No: **6648767**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	809.1	5.67	56.74	888.2	-139	75	125	886.7	9.15	20	S
Barium	578.2	5.67	56.74	482.9	168	75	125	659.4	13.1	20	S
Cadmium	58.24	2.84	56.74	4.726	94.3	75	125	58.84	1.02	20	
Chromium	69.38	2.84	56.74	17.39	91.6	75	125	68.38	1.45	20	
Lead	563.4	5.67	56.74	653.9	-159	75	125	570.6	1.26	20	S
Selenium	55.02	5.67	56.74	4.964	88.2	75	125	52.96	3.82	20	
Silver	6.433	2.84	5.674	1.213	92.0	75	125	6.497	1.00	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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: 219243

Sample ID: **MB-219243** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309545**
SampleType: **MBLK** TestCode: **SPLP (1312) METALS SW1312/6010C** BatchID: **219243** Analysis Date: **02/02/2016** Seq No: **6646544**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.00500									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: **LCS-219243** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309545**
SampleType: **LCS** TestCode: **SPLP (1312) METALS SW1312/6010C** BatchID: **219243** Analysis Date: **02/02/2016** Seq No: **6646545**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9634	0.0500	1.000		96.3	80	120				
Barium	0.9842	0.0200	1.000	0.007100	97.7	80	120				
Cadmium	0.9860	0.00500	1.000		98.6	80	120				
Chromium	0.9768	0.0100	1.000		97.7	80	120				
Lead	0.9886	0.0100	1.000		98.9	80	120				
Selenium	0.9347	0.0200	1.000		93.5	80	120				
Silver	0.1013	0.0100	0.1000		101	80	120				

Sample ID: **1601K63-002BMS** Client ID: **B-6 8-10'** Units: **mg/L** Prep Date: **02/02/2016** Run No: **309545**
SampleType: **MS** TestCode: **SPLP (1312) METALS SW1312/6010C** BatchID: **219243** Analysis Date: **02/02/2016** Seq No: **6646549**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	6.536	0.0500	1.000	5.529	101	75	125				
Barium	1.058	0.0200	1.000	0.05653	100	75	125				
Cadmium	1.049	0.00500	1.000	0.03374	101	75	125				
Chromium	1.005	0.0100	1.000	0.0007300	100	75	125				

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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: 219243

Sample ID: **1601K63-002BMS** Client ID: **B-6 8-10'** Units: **mg/L** Prep Date: **02/02/2016** Run No: **309545**
SampleType: **MS** TestCode: **SPLP (1312) METALS SW1312/6010C** BatchID: **219243** Analysis Date: **02/02/2016** Seq No: **6646549**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	1.020	0.0100	1.000		102	75	125				
Selenium	0.9763	0.0200	1.000		97.6	75	125				
Silver	0.1041	0.0100	0.1000		104	75	125				

Sample ID: **1601K63-002BMSD** Client ID: **B-6 8-10'** Units: **mg/L** Prep Date: **02/02/2016** Run No: **309545**
SampleType: **MSD** TestCode: **SPLP (1312) METALS SW1312/6010C** BatchID: **219243** Analysis Date: **02/02/2016** Seq No: **6646550**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	6.440	0.0500	1.000	5.529	91.1	75	125	6.536	1.47	20	
Barium	1.040	0.0200	1.000	0.05653	98.3	75	125	1.058	1.76	20	
Cadmium	1.036	0.00500	1.000	0.03374	100	75	125	1.049	1.22	20	
Chromium	0.9902	0.0100	1.000	0.0007300	98.9	75	125	1.005	1.53	20	
Lead	1.010	0.0100	1.000		101	75	125	1.020	1.02	20	
Selenium	0.9621	0.0200	1.000		96.2	75	125	0.9763	1.47	20	
Silver	0.1028	0.0100	0.1000		103	75	125	0.1041	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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: 219249

Sample ID: **MB-219249** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309563**
SampleType: **MBLK** TestCode: **SPLP (1312) MERCURY SW1312/7470A** BatchID: **219249** Analysis Date: **02/02/2016** Seq No: **6647862**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.000200									

Sample ID: **LCS-219249** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309563**
SampleType: **LCS** TestCode: **SPLP (1312) MERCURY SW1312/7470A** BatchID: **219249** Analysis Date: **02/02/2016** Seq No: **6647864**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004485	0.000200	0.0050		89.7	80	120				

Sample ID: **1601K63-002BMS** Client ID: **B-6 8-10'** Units: **mg/L** Prep Date: **02/02/2016** Run No: **309563**
SampleType: **MS** TestCode: **SPLP (1312) MERCURY SW1312/7470A** BatchID: **219249** Analysis Date: **02/02/2016** Seq No: **6647867**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004635	0.000200	0.0050		92.7	70	130				

Sample ID: **1601K63-002BMSD** Client ID: **B-6 8-10'** Units: **mg/L** Prep Date: **02/02/2016** Run No: **309563**
SampleType: **MSD** TestCode: **SPLP (1312) MERCURY SW1312/7470A** BatchID: **219249** Analysis Date: **02/02/2016** Seq No: **6647869**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004790	0.000200	0.0050		95.8	70	130	0.004635	3.29	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: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: 219250

Sample ID: **MB-219250** Client ID: Units: **mg/Kg** Prep Date: **02/02/2016** Run No: **309561**
SampleType: **MBLK** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219250** Analysis Date: **02/02/2016** Seq No: **6646594**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-219250** Client ID: Units: **mg/Kg** Prep Date: **02/02/2016** Run No: **309561**
SampleType: **LCS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219250** Analysis Date: **02/02/2016** Seq No: **6646595**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4149	0.100	0.4000		104	80	120				

Sample ID: **1601K63-007AMS** Client ID: **B-9 3-5'** Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309561**
SampleType: **MS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219250** Analysis Date: **02/02/2016** Seq No: **6646597**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.9211	0.117	0.4661	0.2418	146	70	130				S

Sample ID: **1601K63-007AMSD** Client ID: **B-9 3-5'** Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309561**
SampleType: **MSD** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219250** Analysis Date: **02/02/2016** Seq No: **6646598**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.7089	0.118	0.4725	0.2418	98.9	70	130	0.9211	26.0	30	

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 4-Feb-16

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601K63

ANALYTICAL QC SUMMARY REPORT

BatchID: 219251

Sample ID: **MB-219251** Client ID: Units: **mg/Kg** Prep Date: **02/02/2016** Run No: **309560**
SampleType: **MBLK** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219251** Analysis Date: **02/02/2016** Seq No: **6646338**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-219251** Client ID: Units: **mg/Kg** Prep Date: **02/02/2016** Run No: **309560**
SampleType: **LCS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219251** Analysis Date: **02/02/2016** Seq No: **6646339**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3973	0.100	0.4000		99.3	80	120				

Sample ID: **1601N29-003CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309560**
SampleType: **MS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219251** Analysis Date: **02/02/2016** Seq No: **6646341**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4443	0.110	0.4390		101	70	130				

Sample ID: **1601N29-003CMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **02/02/2016** Run No: **309560**
SampleType: **MSD** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219251** Analysis Date: **02/02/2016** Seq No: **6646342**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4637	0.111	0.4448		104	70	130	0.4443	4.29	30	

Qualifiers:

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

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 04, 2016

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

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

RE: Allied Ready Mix

Dear Michael Haller: Order No: 1601M43

Analytical Environmental Services, Inc. received 2 samples on 1/28/2016 4:03:00 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 09/01/17.

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

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

Tyrel Heckendorf
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1601M43

Date: 1-28-16 Page 1 of 1

COMPANY: SEA

ADDRESS: 1675 Spectrum Drive Lawrenceville, GA

PHONE: (770) 962-5922

FAX:

SAMPLED BY: J Kinard

SIGNATURE: Joseph Kinard

ANALYSIS REQUESTED: VOC, SVOC, RCRA metals

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC	SVOC	RCRA metals	REMARKS	No # of Containers
1	MW-8	1-28-16	14:08	✓		GW	✓	✓	✓		5
2	Trip Blank	1-28				W	✓				2
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											

PRESERVATION (See codes)

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Joseph Kinard	1-28-16/14:34	1: Michael [illegible]	1/28/16 14:34
2: Michael [illegible]	1/28/16 16:03	2: Nigel	1-28-16 16:03
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Allied Ready Mix
PROJECT #: 152-079
SITE ADDRESS: 340 Armour Drive, ATL, GA
SEND REPORT TO: Mike Haller
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 8

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

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

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

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-8
Project Name:	Allied Ready Mix	**Collection Date:**	1/28/2016 2:08:00 PM
Lab ID:	1601M43-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3510C)**			
1,1´-Biphenyl	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2,4,5-Trichlorophenol	BRL	25		ug/L	219117	1	01/29/2016 23:27	YH
2,4,6-Trichlorophenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2,4-Dichlorophenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2,4-Dimethylphenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2,4-Dinitrophenol	BRL	25		ug/L	219117	1	01/29/2016 23:27	YH
2,4-Dinitrotoluene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2,6-Dinitrotoluene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2-Chloronaphthalene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2-Chlorophenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2-Methylnaphthalene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2-Methylphenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
2-Nitroaniline	BRL	25		ug/L	219117	1	01/29/2016 23:27	YH
2-Nitrophenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
3,3´-Dichlorobenzidine	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
3-Nitroaniline	BRL	25		ug/L	219117	1	01/29/2016 23:27	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	219117	1	01/29/2016 23:27	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
4-Chloroaniline	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
4-Methylphenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
4-Nitroaniline	BRL	25		ug/L	219117	1	01/29/2016 23:27	YH
4-Nitrophenol	BRL	25		ug/L	219117	1	01/29/2016 23:27	YH
Acenaphthene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Acenaphthylene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Acetophenone	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Anthracene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Atrazine	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Benz(a)anthracene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Benzaldehyde	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Benzo(a)pyrene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Benzo(b)fluoranthene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Benzo(k)fluoranthene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Butyl benzyl phthalate	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Caprolactam	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-8
Project Name:	Allied Ready Mix	**Collection Date:**	1/28/2016 2:08:00 PM
Lab ID:	1601M43-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3510C)**				
Carbazole	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Chrysene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Di-n-butyl phthalate	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Di-n-octyl phthalate	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Dibenzofuran	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Diethyl phthalate	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Dimethyl phthalate	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Fluoranthene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Fluorene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Hexachlorobenzene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Hexachlorobutadiene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Hexachloroethane	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Isophorone	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Naphthalene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Nitrobenzene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Pentachlorophenol	BRL	25		ug/L	219117	1	01/29/2016 23:27	YH
Phenanthrene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Phenol	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Pyrene	BRL	10		ug/L	219117	1	01/29/2016 23:27	YH
Surr: 2,4,6-Tribromophenol	104	51.5-141		%REC	219117	1	01/29/2016 23:27	YH
Surr: 2-Fluorobiphenyl	100	50.8-122		%REC	219117	1	01/29/2016 23:27	YH
Surr: 2-Fluorophenol	48.1	28.1-120		%REC	219117	1	01/29/2016 23:27	YH
Surr: 4-Terphenyl-d14	97.5	47.2-131		%REC	219117	1	01/29/2016 23:27	YH
Surr: Nitrobenzene-d5	82	42.1-124		%REC	219117	1	01/29/2016 23:27	YH
Surr: Phenol-d5	32.7	16-120		%REC	219117	1	01/29/2016 23:27	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,1-Dichloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,1-Dichloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,2-Dibromoethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-8
Project Name:	Allied Ready Mix	**Collection Date:**	1/28/2016 2:08:00 PM
Lab ID:	1601M43-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,2-Dichloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,2-Dichloropropane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
2-Butanone	BRL	50		ug/L	219231	1	01/30/2016 19:44	CH
2-Hexanone	BRL	10		ug/L	219231	1	01/30/2016 19:44	CH
4-Methyl-2-pentanone	BRL	10		ug/L	219231	1	01/30/2016 19:44	CH
Acetone	BRL	50		ug/L	219231	1	01/30/2016 19:44	CH
Benzene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Bromodichloromethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Bromoform	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Bromomethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Carbon disulfide	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Carbon tetrachloride	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Chlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Chloroethane	BRL	10		ug/L	219231	1	01/30/2016 19:44	CH
Chloroform	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Chloromethane	BRL	10		ug/L	219231	1	01/30/2016 19:44	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Cyclohexane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Dibromochloromethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Dichlorodifluoromethane	BRL	10		ug/L	219231	1	01/30/2016 19:44	CH
Ethylbenzene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Freon-113	BRL	10		ug/L	219231	1	01/30/2016 19:44	CH
Isopropylbenzene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
m,p-Xylene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Methyl acetate	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Methylcyclohexane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Methylene chloride	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
o-Xylene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Styrene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Tetrachloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Toluene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Trichloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Trichlorofluoromethane	BRL	5.0		ug/L	219231	1	01/30/2016 19:44	CH
Vinyl chloride	BRL	2.0		ug/L	219231	1	01/30/2016 19:44	CH
Surr: 4-Bromofluorobenzene	82.8	70.7-125		%REC	219231	1	01/30/2016 19:44	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	MW-8
Project Name:	Allied Ready Mix	**Collection Date:**	1/28/2016 2:08:00 PM
Lab ID:	1601M43-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
Surr: Dibromofluoromethane	119	82.2-120		%REC	219231	1	01/30/2016 19:44	CH
Surr: Toluene-d8	103	81.8-120		%REC	219231	1	01/30/2016 19:44	CH
Mercury, Total SW7470A					**(SW7470A)**			
Mercury	BRL	0.00020		mg/L	219184	1	02/01/2016 15:13	MC
METALS, TOTAL SW6010D					**(SW3010A)**			
Arsenic	0.0867	0.0500		mg/L	219255	1	02/03/2016 20:06	IO
Barium	0.0256	0.0200		mg/L	219255	1	02/03/2016 20:06	IO
Cadmium	BRL	0.0050		mg/L	219255	1	02/03/2016 20:06	IO
Chromium	BRL	0.0100		mg/L	219255	1	02/03/2016 20:06	IO
Lead	0.0386	0.0100		mg/L	219255	1	02/03/2016 20:06	IO
Selenium	BRL	0.0200		mg/L	219255	1	02/03/2016 20:06	IO
Silver	BRL	0.0100		mg/L	219255	1	02/03/2016 20:06	IO

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK
Project Name:	Allied Ready Mix	**Collection Date:**	1/28/2016
Lab ID:	1601M43-002	**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	219231	1	01/30/2016 14:38	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,1-Dichloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,1-Dichloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,2-Dibromoethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,2-Dichloroethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,2-Dichloropropane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
2-Butanone	BRL	50		ug/L	219231	1	01/30/2016 14:38	CH
2-Hexanone	BRL	10		ug/L	219231	1	01/30/2016 14:38	CH
4-Methyl-2-pentanone	BRL	10		ug/L	219231	1	01/30/2016 14:38	CH
Acetone	BRL	50		ug/L	219231	1	01/30/2016 14:38	CH
Benzene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Bromodichloromethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Bromoform	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Bromomethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Carbon disulfide	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Carbon tetrachloride	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Chlorobenzene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Chloroethane	BRL	10		ug/L	219231	1	01/30/2016 14:38	CH
Chloroform	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Chloromethane	BRL	10		ug/L	219231	1	01/30/2016 14:38	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Cyclohexane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Dibromochloromethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Dichlorodifluoromethane	BRL	10		ug/L	219231	1	01/30/2016 14:38	CH
Ethylbenzene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Freon-113	BRL	10		ug/L	219231	1	01/30/2016 14:38	CH
Isopropylbenzene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
m,p-Xylene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Methyl acetate	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Methylcyclohexane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Methylene chloride	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
o-Xylene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 4-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	TRIP BLANK
Project Name:	Allied Ready Mix	**Collection Date:**	1/28/2016
Lab ID:	1601M43-002	**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	219231	1	01/30/2016 14:38	CH
Tetrachloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Toluene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Trichloroethene	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Trichlorofluoromethane	BRL	5.0		ug/L	219231	1	01/30/2016 14:38	CH
Vinyl chloride	BRL	2.0		ug/L	219231	1	01/30/2016 14:38	CH
Surr: 4-Bromofluorobenzene	88	70.7-125		%REC	219231	1	01/30/2016 14:38	CH
Surr: Dibromofluoromethane	115	82.2-120		%REC	219231	1	01/30/2016 14:38	CH
Surr: Toluene-d8	101	81.8-120		%REC	219231	1	01/30/2016 14:38	CH

Qualifiers:

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client SEA Work Order Number 1601M43

Checklist completed by Mayfere 1/28/10
Signature Date

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

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

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

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

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

Cooler #1 4.1° Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

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

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

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by MS

Sample Condition: Good ✓ Other(Explain) _____

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

See Case Narrative for resolution of the Non-Conformance.

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

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

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: **219117**

Sample ID: **MB-219117** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309405**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219117** Analysis Date: **01/29/2016** Seq No: **6642744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	10									
2,4,5-Trichlorophenol	BRL	25									
2,4,6-Trichlorophenol	BRL	10									
2,4-Dichlorophenol	BRL	10									
2,4-Dimethylphenol	BRL	10									
2,4-Dinitrophenol	BRL	25									
2,4-Dinitrotoluene	BRL	10									
2,6-Dinitrotoluene	BRL	10									
2-Chloronaphthalene	BRL	10									
2-Chlorophenol	BRL	10									
2-Methylnaphthalene	BRL	10									
2-Methylphenol	BRL	10									
2-Nitroaniline	BRL	25									
2-Nitrophenol	BRL	10									
3,3´-Dichlorobenzidine	BRL	10									
3-Nitroaniline	BRL	25									
4,6-Dinitro-2-methylphenol	BRL	25									
4-Bromophenyl phenyl ether	BRL	10									
4-Chloro-3-methylphenol	BRL	10									
4-Chloroaniline	BRL	10									
4-Chlorophenyl phenyl ether	BRL	10									
4-Methylphenol	BRL	10									
4-Nitroaniline	BRL	25									
4-Nitrophenol	BRL	25									
Acenaphthene	BRL	10									
Acenaphthylene	BRL	10									
Acetophenone	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		

Analytical Environmental Services, Inc

Date: 4-Feb-16

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: **219117**

Sample ID: **MB-219117** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309405**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219117** Analysis Date: **01/29/2016** Seq No: **6642744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	10									
Atrazine	BRL	10									
Benz(a)anthracene	BRL	10									
Benzaldehyde	BRL	10									
Benzo(a)pyrene	BRL	10									
Benzo(b)fluoranthene	BRL	10									
Benzo(g,h,i)perylene	BRL	10									
Benzo(k)fluoranthene	BRL	10									
Bis(2-chloroethoxy)methane	BRL	10									
Bis(2-chloroethyl)ether	BRL	10									
Bis(2-chloroisopropyl)ether	BRL	10									
Bis(2-ethylhexyl)phthalate	BRL	10									
Butyl benzyl phthalate	BRL	10									
Caprolactam	BRL	10									
Carbazole	BRL	10									
Chrysene	BRL	10									
Di-n-butyl phthalate	BRL	10									
Di-n-octyl phthalate	BRL	10									
Dibenz(a,h)anthracene	BRL	10									
Dibenzofuran	BRL	10									
Diethyl phthalate	BRL	10									
Dimethyl phthalate	BRL	10									
Fluoranthene	BRL	10									
Fluorene	BRL	10									
Hexachlorobenzene	BRL	10									
Hexachlorobutadiene	BRL	10									
Hexachlorocyclopentadiene	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: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: **219117**

Sample ID: **MB-219117** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309405**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219117** Analysis Date: **01/29/2016** Seq No: **6642744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	10									
Indeno(1,2,3-cd)pyrene	BRL	10									
Isophorone	BRL	10									
N-Nitrosodi-n-propylamine	BRL	10									
N-Nitrosodiphenylamine	BRL	10									
Naphthalene	BRL	10									
Nitrobenzene	BRL	10									
Pentachlorophenol	BRL	25									
Phenanthrene	BRL	10									
Phenol	BRL	10									
Pyrene	BRL	10									
Surr: 2,4,6-Tribromophenol	92.69	0	100.0		92.7	51.5	141				
Surr: 2-Fluorobiphenyl	45.92	0	50.00		91.8	50.8	122				
Surr: 2-Fluorophenol	48.19	0	100.0		48.2	28.1	120				
Surr: 4-Terphenyl-d14	43.21	0	50.00		86.4	47.2	131				
Surr: Nitrobenzene-d5	39.13	0	50.00		78.3	42.1	124				
Surr: Phenol-d5	31.28	0	100.0		31.3	16	120				

Sample ID: **LCS-219117** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309405**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219117** Analysis Date: **01/29/2016** Seq No: **6642745**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	94.32	10	100.0		94.3	71.3	129				
2-Chlorophenol	84.17	10	100.0		84.2	58.1	120				
4-Chloro-3-methylphenol	89.07	10	100.0		89.1	69.2	123				
4-Nitrophenol	BRL	25	100.0		23.1	20.2	120				
Acenaphthene	97.62	10	100.0		97.6	71.5	120				
N-Nitrosodi-n-propylamine	88.85	10	100.0		88.8	68.8	134				

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: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: **219117**

Sample ID: **LCS-219117** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309405**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219117** Analysis Date: **01/29/2016** Seq No: **6642745**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	58.02	25	100.0		58.0	50.5	130				
Phenol	33.00	10	100.0		33.0	27	120				
Pyrene	98.67	10	100.0		98.7	71.1	133				
Surr: 2,4,6-Tribromophenol	111.8	0	100.0		112	51.5	141				
Surr: 2-Fluorobiphenyl	53.38	0	50.00		107	50.8	122				
Surr: 2-Fluorophenol	58.18	0	100.0		58.2	28.1	120				
Surr: 4-Terphenyl-d14	51.41	0	50.00		103	47.2	131				
Surr: Nitrobenzene-d5	46.62	0	50.00		93.2	42.1	124				
Surr: Phenol-d5	33.51	0	100.0		33.5	16	120				

Sample ID: **1601J20-001BMS** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309405**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219117** Analysis Date: **01/29/2016** Seq No: **6642828**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	84.47	10	100.0		84.5	51.4	126				
2-Chlorophenol	71.45	10	100.0		71.4	49.6	120				
4-Chloro-3-methylphenol	80.32	10	100.0		80.3	50.7	130				
4-Nitrophenol	32.01	25	100.0		32.0	20.2	120				
Acenaphthene	85.22	10	100.0		85.2	49.2	123				
N-Nitrosodi-n-propylamine	79.88	10	100.0		79.9	49	135				
Pentachlorophenol	BRL	25	100.0		18.5	41.5	131				S
Phenol	40.12	10	100.0		40.1	30.6	120				
Pyrene	79.96	10	100.0		80.0	50.5	130				
Surr: 2,4,6-Tribromophenol	92.64	0	100.0		92.6	51.5	141				
Surr: 2-Fluorobiphenyl	44.56	0	50.00		89.1	50.8	122				
Surr: 2-Fluorophenol	56.50	0	100.0		56.5	28.1	120				
Surr: 4-Terphenyl-d14	32.67	0	50.00		65.3	47.2	131				
Surr: Nitrobenzene-d5	38.55	0	50.00		77.1	42.1	124				

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

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: **219117**

Sample ID: **1601J20-001BMS** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309405**
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219117** Analysis Date: **01/29/2016** Seq No: **6642828**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	49.25	0	100.0		49.2	16	120				

Sample ID: **1601J20-001BMSD** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309405**
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **219117** Analysis Date: **01/30/2016** Seq No: **6642829**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	88.12	10	100.0		88.1	51.4	126	84.47	4.23	29.2	
2-Chlorophenol	73.23	10	100.0		73.2	49.6	120	71.45	2.46	28.2	
4-Chloro-3-methylphenol	81.93	10	100.0		81.9	50.7	130	80.32	1.98	29.7	
4-Nitrophenol	25.97	25	100.0		26.0	20.2	120	32.01	20.8	38.6	
Acenaphthene	89.44	10	100.0		89.4	49.2	123	85.22	4.83	29.3	
N-Nitrosodi-n-propylamine	80.91	10	100.0		80.9	49	135	79.88	1.28	37.6	
Pentachlorophenol	BRL	25	100.0		22.4	41.5	131	18.52	0	33.5	S
Phenol	41.19	10	100.0		41.2	30.6	120	40.12	2.63	36.3	
Pyrene	82.82	10	100.0		82.8	50.5	130	79.96	3.51	27.3	
Surr: 2,4,6-Tribromophenol	98.18	0	100.0		98.2	51.5	141	92.64	0	0	
Surr: 2-Fluorobiphenyl	47.83	0	50.00		95.7	50.8	122	44.56	0	0	
Surr: 2-Fluorophenol	58.71	0	100.0		58.7	28.1	120	56.50	0	0	
Surr: 4-Terphenyl-d14	33.65	0	50.00		67.3	47.2	131	32.67	0	0	
Surr: Nitrobenzene-d5	39.52	0	50.00		79.0	42.1	124	38.55	0	0	
Surr: Phenol-d5	49.65	0	100.0		49.6	16	120	49.25	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: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: 219184

Sample ID: **MB-219184** Client ID: Units: **mg/L** Prep Date: **02/01/2016** Run No: **309465**
SampleType: **MBLK** TestCode: **Mercury, Total SW7470A** BatchID: **219184** Analysis Date: **02/01/2016** Seq No: **6644291**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.00020									

Sample ID: **LCS-219184** Client ID: Units: **mg/L** Prep Date: **02/01/2016** Run No: **309465**
SampleType: **LCS** TestCode: **Mercury, Total SW7470A** BatchID: **219184** Analysis Date: **02/01/2016** Seq No: **6644292**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.005198	0.00020	0.0050		104	80	120				

Sample ID: **1601K40-001DMS** Client ID: Units: **mg/L** Prep Date: **02/01/2016** Run No: **309465**
SampleType: **MS** TestCode: **Mercury, Total SW7470A** BatchID: **219184** Analysis Date: **02/01/2016** Seq No: **6644294**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.005241	0.00020	0.0050		105	70	130				

Sample ID: **1601K40-001DMSD** Client ID: Units: **mg/L** Prep Date: **02/01/2016** Run No: **309465**
SampleType: **MSD** TestCode: **Mercury, Total SW7470A** BatchID: **219184** Analysis Date: **02/01/2016** Seq No: **6644295**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.005114	0.00020	0.0050		102	70	130	0.005241	2.45	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: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: **219231**

Sample ID: **MB-219231** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309315**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **219231** Analysis Date: **01/29/2016** Seq No: **6644554**

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: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: 219231

Sample ID: **MB-219231** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309315**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **219231** Analysis Date: **01/29/2016** Seq No: **6644554**

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	42.76	0	50.00		85.5	70.7	125				
Surr: Dibromofluoromethane	54.47	0	50.00		109	82.2	120				
Surr: Toluene-d8	50.04	0	50.00		100	81.8	120				

Qualifiers:

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

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: 219231

Sample ID: **LCS-219231** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309393**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **219231** Analysis Date: **01/30/2016** Seq No: **6644460**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	57.79	5.0	50.00		116	65.3	137				
Benzene	56.83	5.0	50.00	2.750	108	74.9	123				
Chlorobenzene	54.60	5.0	50.00		109	73.9	124				
Toluene	52.56	5.0	50.00		105	75	124				
Trichloroethene	54.01	5.0	50.00		108	73.1	128				
Surr: 4-Bromofluorobenzene	43.88	0	50.00		87.8	70.7	125				
Surr: Dibromofluoromethane	54.65	0	50.00		109	82.2	120				
Surr: Toluene-d8	51.19	0	50.00		102	81.8	120				

Sample ID: **1601M58-003AMS** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309393**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **219231** Analysis Date: **01/30/2016** Seq No: **6644473**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	58.78	5.0	50.00		118	60	150				
Benzene	54.29	5.0	50.00		109	70.1	132				
Chlorobenzene	54.16	5.0	50.00		108	70.9	131				
Toluene	52.62	5.0	50.00		105	70.1	133				
Trichloroethene	53.82	5.0	50.00		108	70	136				
Surr: 4-Bromofluorobenzene	43.26	0	50.00		86.5	70.7	125				
Surr: Dibromofluoromethane	57.96	0	50.00		116	82.2	120				
Surr: Toluene-d8	52.40	0	50.00		105	81.8	120				

Sample ID: **1601M58-003AMSD** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309393**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **219231** Analysis Date: **01/30/2016** Seq No: **6644476**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	59.37	5.0	50.00		119	60	150	58.78	0.999	17.7	
Benzene	55.36	5.0	50.00		111	70.1	132	54.29	1.95	20	

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 4-Feb-16

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: **219231**

Sample ID: **1601M58-003AMSD** Client ID: Units: **ug/L** Prep Date: **01/29/2016** Run No: **309393**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **219231** Analysis Date: **01/30/2016** Seq No: **6644476**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	51.25	5.0	50.00		102	70.9	131	54.16	5.52	20	
Toluene	50.79	5.0	50.00		102	70.1	133	52.62	3.54	20	
Trichloroethene	52.20	5.0	50.00		104	70	136	53.82	3.06	20	
Surr: 4-Bromofluorobenzene	43.43	0	50.00		86.9	70.7	125	43.26	0	0	
Surr: Dibromofluoromethane	55.28	0	50.00		111	82.2	120	57.96	0	0	
Surr: Toluene-d8	50.00	0	50.00		100	81.8	120	52.40	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: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: 219255

Sample ID: **MB-219255** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309553**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010C** BatchID: **219255** Analysis Date: **02/02/2016** Seq No: **6646382**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: **LCS-219255** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309553**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010C** BatchID: **219255** Analysis Date: **02/02/2016** Seq No: **6646383**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.027	0.0500	1.000		103	80	120				
Barium	1.026	0.0200	1.000		103	80	120				
Cadmium	1.036	0.0050	1.000		104	80	120				
Chromium	1.019	0.0100	1.000		102	80	120				
Lead	1.024	0.0100	1.000		102	80	120				
Selenium	1.035	0.0200	1.000		104	80	120				
Silver	0.1032	0.0100	0.1000		103	80	120				

Sample ID: **1601K09-006FMS** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309553**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **219255** Analysis Date: **02/02/2016** Seq No: **6646385**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.065	0.0500	1.000		107	75	125				
Barium	1.080	0.0200	1.000	0.02436	106	75	125				
Cadmium	1.069	0.0050	1.000		107	75	125				
Chromium	1.069	0.0100	1.000		107	75	125				

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

Date: 4-Feb-16

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1601M43

ANALYTICAL QC SUMMARY REPORT

BatchID: 219255

Sample ID: **1601K09-006FMS** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309553**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **219255** Analysis Date: **02/02/2016** Seq No: **6646385**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	1.053	0.0100	1.000		105	75	125				
Selenium	1.073	0.0200	1.000	0.02068	105	75	125				
Silver	0.1067	0.0100	0.1000		107	75	125				

Sample ID: **1601K09-006FMSD** Client ID: Units: **mg/L** Prep Date: **02/02/2016** Run No: **309553**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010C** BatchID: **219255** Analysis Date: **02/02/2016** Seq No: **6646386**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.008	0.0500	1.000		101	75	125	1.065	5.57	20	
Barium	1.020	0.0200	1.000	0.02436	99.6	75	125	1.080	5.67	20	
Cadmium	1.007	0.0050	1.000		101	75	125	1.069	6.00	20	
Chromium	1.008	0.0100	1.000		101	75	125	1.069	5.82	20	
Lead	0.9937	0.0100	1.000		99.4	75	125	1.053	5.79	20	
Selenium	1.031	0.0200	1.000	0.02068	101	75	125	1.073	4.02	20	
Silver	0.1007	0.0100	0.1000		101	75	125	0.1067	5.73	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		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 19, 2016

Michael Haller
Sailors Engineering Associates
1675 Spectrum Drive
Lawrenceville GA 30043

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

RE: Allied Ready Mix

Dear Michael Haller: Order No: 1602E89

Analytical Environmental Services, Inc. received 4 samples on 2/16/2016 9:40:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

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

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

Tyrel Heckendorf
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1602E89

Date: 2/15/16 Page 1 of 1

COMPANY: Sailors Eng. Assoc.

ADDRESS: 1675 Spectrum Dr Lawrenceville, GA 30043

PHONE: 770-962-5922

FAX:

SAMPLED BY: Michael Short

SIGNATURE: [signature]

ANALYSIS REQUESTED: RCRA Metals

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
1	B-13 1-3	1/25	13:08	/		So	/		1
2	B-13 8-10	1/25	13:02	/		So	/		1
3	B-17 3-5	1/25	15:47	/		So	/		1
4	B-17 8-10	1/25	15:52	/		So	/		1
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: [signature]	2/16/16 9:40	1: [signature]	2-16-16 9:40 am
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

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

PROJECT INFORMATION
PROJECT NAME: Allied Ready Mix
PROJECT #: 152-079
SITE ADDRESS: 340 Armour Dr Atl Ga
SEND REPORT TO: Mike Hallas
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers: 4

Turnaround Time Request
- ○ Standard 5 Business Days
- ⊘ 3 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other _____

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

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 19-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-13 1-3
Project Name:	Allied Ready Mix	**Collection Date:**	2/15/2016 1:00:00 PM
Lab ID:	1602E89-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	6.34	2.35		mg/Kg-dry	219957	20	02/19/2016 14:08	MC
METALS, TOTAL SW6010D					**(SW3050B)**			
Arsenic	171	5.21		mg/Kg-dry	219891	1	02/17/2016 14:29	IO
Barium	368	5.21		mg/Kg-dry	219891	1	02/17/2016 14:29	IO
Cadmium	BRL	2.61		mg/Kg-dry	219891	1	02/17/2016 14:29	IO
Chromium	13.0	2.61		mg/Kg-dry	219891	1	02/17/2016 14:29	IO
Lead	4440	5.21		mg/Kg-dry	219891	1	02/17/2016 14:29	IO
Selenium	BRL	5.21		mg/Kg-dry	219891	1	02/17/2016 14:29	IO
Silver	6.10	2.61		mg/Kg-dry	219891	1	02/17/2016 14:29	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.2	0		wt%	R310657	1	02/17/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 19-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-13 8-10
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 1:02:00 PM
Lab ID:	1602E89-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.115		mg/Kg-dry	219957	1	02/18/2016 18:13	MC
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	21.7	5.55		mg/Kg-dry	219891	1	02/17/2016 14:35	IO
Barium	89.4	5.55		mg/Kg-dry	219891	1	02/17/2016 14:35	IO
Cadmium	BRL	2.78		mg/Kg-dry	219891	1	02/17/2016 14:35	IO
Chromium	19.6	2.78		mg/Kg-dry	219891	1	02/17/2016 14:35	IO
Lead	93.0	5.55		mg/Kg-dry	219891	1	02/17/2016 14:35	IO
Selenium	BRL	5.55		mg/Kg-dry	219891	1	02/17/2016 14:35	IO
Silver	BRL	2.78		mg/Kg-dry	219891	1	02/17/2016 14:35	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.8	0		wt%	R310657	1	02/17/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 19-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-17 3-5
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 3:47:00 PM
Lab ID:	1602E89-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.119		mg/Kg-dry	219957	1	02/18/2016 18:15	MC
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	156	5.82		mg/Kg-dry	219891	1	02/17/2016 14:42	IO
Barium	240	5.82		mg/Kg-dry	219891	1	02/17/2016 14:42	IO
Cadmium	BRL	2.91		mg/Kg-dry	219891	1	02/17/2016 14:42	IO
Chromium	48.6	2.91		mg/Kg-dry	219891	1	02/17/2016 14:42	IO
Lead	20.9	5.82		mg/Kg-dry	219891	1	02/17/2016 14:42	IO
Selenium	BRL	5.82		mg/Kg-dry	219891	1	02/17/2016 14:42	IO
Silver	BRL	2.91		mg/Kg-dry	219891	1	02/17/2016 14:42	IO
PERCENT MOISTURE D2216								
Percent Moisture	17.1	0		wt%	R310657	1	02/17/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc **Date:** 19-Feb-16

Client:	Sailors Engineering Associates	**Client Sample ID:**	B-17 8-10
Project Name:	Allied Ready Mix	**Collection Date:**	1/25/2016 3:52:00 PM
Lab ID:	1602E89-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471B)**				
Mercury	BRL	0.119		mg/Kg-dry	219957	1	02/18/2016 18:17	MC
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	BRL	4.99		mg/Kg-dry	219891	1	02/17/2016 14:46	IO
Barium	239	4.99		mg/Kg-dry	219891	1	02/17/2016 14:46	IO
Cadmium	BRL	2.50		mg/Kg-dry	219891	1	02/17/2016 14:46	IO
Chromium	35.4	2.50		mg/Kg-dry	219891	1	02/17/2016 14:46	IO
Lead	13.5	4.99		mg/Kg-dry	219891	1	02/17/2016 14:46	IO
Selenium	BRL	4.99		mg/Kg-dry	219891	1	02/17/2016 14:46	IO
Silver	BRL	2.50		mg/Kg-dry	219891	1	02/17/2016 14:46	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R310657	1	02/17/2016 11:00	PF

Qualifiers:

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

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Sallees Eng Work Order Number 1602E89

Checklist completed by Christin Yester 2/16/16
Signature Date

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

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

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

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

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

Cooler #1 3.6°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\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1602E89

ANALYTICAL QC SUMMARY REPORT

BatchID: **219891**

Sample ID: **MB-219891** Client ID: Units: **mg/Kg** Prep Date: **02/16/2016** Run No: **310599**
SampleType: **MBLK** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **219891** Analysis Date: **02/16/2016** Seq No: **6671282**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID: **LCS-219891** Client ID: Units: **mg/Kg** Prep Date: **02/16/2016** Run No: **310599**
SampleType: **LCS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **219891** Analysis Date: **02/16/2016** Seq No: **6671285**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	47.18	5.00	50.00		94.4	80	120				
Barium	49.14	5.00	50.00		98.3	80	120				
Cadmium	47.76	2.50	50.00		95.5	80	120				
Chromium	49.31	2.50	50.00	0.03167	98.6	80	120				
Lead	48.15	5.00	50.00		96.3	80	120				
Selenium	47.19	5.00	50.00		94.4	80	120				
Silver	4.790	2.50	5.000		95.8	80	120				

Sample ID: **1602A11-001CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **02/16/2016** Run No: **310599**
SampleType: **MS** TestCode: **METALS, TOTAL** **SW6010C** BatchID: **219891** Analysis Date: **02/16/2016** Seq No: **6671287**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	57.65	5.29	52.86	8.341	93.3	75	125				
Barium	139.2	5.29	52.86	76.51	119	75	125				
Cadmium	51.24	2.64	52.86	0.4660	96.1	75	125				
Chromium	60.38	2.64	52.86	8.110	98.9	75	125				

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

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1602E89

ANALYTICAL QC SUMMARY REPORT

BatchID: 219891

Sample ID: **1602A11-001CMS** Client ID: Units: **mg/Kg-dry** Prep Date: **02/16/2016** Run No: **310599**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010C** BatchID: **219891** Analysis Date: **02/16/2016** Seq No: **6671287**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	285.5	5.29	52.86	316.9	-59.5	75	125				S
Selenium	49.11	5.29	52.86	0.4449	92.1	75	125				
Silver	5.227	2.64	5.286	0.1452	96.1	75	125				

Sample ID: **1602A11-001CMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **02/16/2016** Run No: **310599**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010C** BatchID: **219891** Analysis Date: **02/16/2016** Seq No: **6671288**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	57.63	5.28	52.85	8.341	93.3	75	125	57.65	0.023	20	
Barium	128.9	5.28	52.85	76.51	99.2	75	125	139.2	7.67	20	
Cadmium	51.69	2.64	52.85	0.4660	96.9	75	125	51.24	0.871	20	
Chromium	59.24	2.64	52.85	8.110	96.8	75	125	60.38	1.90	20	
Lead	236.1	5.28	52.85	316.9	-153	75	125	285.5	18.9	20	S
Selenium	49.31	5.28	52.85	0.4449	92.5	75	125	49.11	0.408	20	
Silver	5.264	2.64	5.285	0.1452	96.9	75	125	5.227	0.706	20	

Qualifiers:

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

Analytical Environmental Services, Inc

Date: 19-Feb-16

Client: Sailors Engineering Associates
Project Name: Allied Ready Mix
Workorder: 1602E89

ANALYTICAL QC SUMMARY REPORT

BatchID: 219957

Sample ID: **MB-219957** Client ID: Units: **mg/Kg** Prep Date: **02/17/2016** Run No: **310637**
SampleType: **MBLK** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219957** Analysis Date: **02/17/2016** Seq No: **6672394**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-219957** Client ID: Units: **mg/Kg** Prep Date: **02/17/2016** Run No: **310637**
SampleType: **LCS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219957** Analysis Date: **02/17/2016** Seq No: **6672395**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3892	0.100	0.4000		97.3	80	120				

Sample ID: **1602F24-001BMS** Client ID: Units: **mg/Kg-dry** Prep Date: **02/17/2016** Run No: **310637**
SampleType: **MS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219957** Analysis Date: **02/17/2016** Seq No: **6672397**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.6991	0.111	0.4435	0.2597	99.1	70	130				

Sample ID: **1602F24-001BMSD** Client ID: Units: **mg/Kg-dry** Prep Date: **02/17/2016** Run No: **310637**
SampleType: **MSD** TestCode: **TOTAL MERCURY SW7471B** BatchID: **219957** Analysis Date: **02/17/2016** Seq No: **6672398**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.6851	0.111	0.4426	0.2597	96.1	70	130	0.6991	2.03	30	

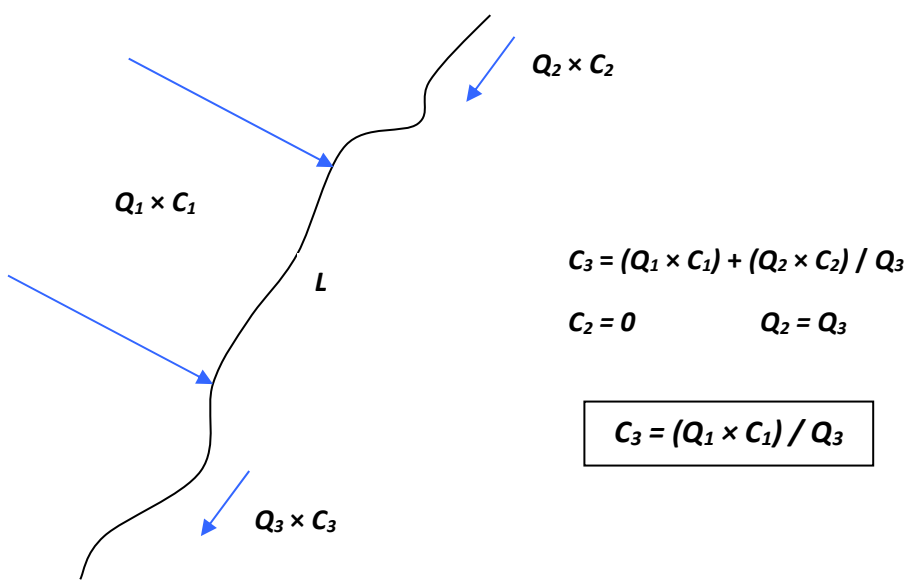
Qualifiers:

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

Appendix 7: Groundwater-Surface Water Mixing Calculations

1.1 Groundwater–Surface Water Mixing Calculations

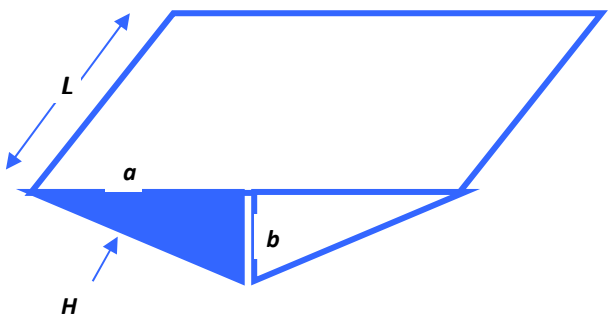
In order to model the potential effect of the groundwater impacts on the groundwater receptor, Peachtree Creek, SEA performed site specific groundwater-surface water mixing calculations. The regulations for ISWQS clearly state that concentrations are to be measured "under annual average or higher stream flow conditions", Rule 391-3-6-.03(5)(d). Therefore SEA will use USGS streamgage data for the calculations. The only gaging station on Peachtree Creek is USGS Gaging Station 02336300 (Peachtree Creek at Atlanta, GA), located approximately 2.4 miles downstream (west-northwest) of the subject property at Northside Drive. The main stem of Peachtree Creek forms at the confluence of North Fork Peachtree Creek and South Fork Peachtree Creek located approximately 1,500 feet upstream from the subject property. Therefore to be conservative, SEA added the daily-mean discharge from USGS Gaging Station 02336120 (North Fork Peachtree Creek at Buford Highway near Atlanta, GA) approximately 2.5 miles upstream (northeast) of the confluence and USGS Gaging Station 02336240 (South Fork Peachtree Creek at Johnson Road near Atlanta, GA) approximately 2.6 miles upstream (east-southeast) of the confluence to perform simple mixing calculations to ensure concentrations will not exceed the ISWQS in Peachtree Creek. Also, to be conservative, the average of the annual daily-mean gage height for streamgage 02336300 was used in the calculations. The schematic below shows the key elements of the calculations where:



Q_1 is the flow rate of impacted groundwater entering the stream segment (in cfs).
Q_2 is the average annual daily streamflow immediately upgradient of the site (in cfs).
Q_3 is the average annual daily streamflow immediately downgradient of the site (in cfs).
C_1 is the dissolved contaminant concentration in groundwater (in mg/L).
C_2 is the upgradient concentration in the stream (assumed 0).
C_3 is the resulting contaminant concentration in the stream after mixing (in mg/L).
L is the length of the stream segment receiving impacted groundwater (in feet).

The flux of impacted groundwater discharging into Peachtree Creek (Q_1) is calculated using the following equations (see calculations below):

$$Q_1 = A \times v_d$$



v_d is the groundwater (Darcy) velocity ($v_d = K*i$).
A is the cross-sectional area of discharge.
a is the half-width of the surface water.
b is the depth of water in the stream (average daily mean gage height).
H is the side-face of groundwater discharge calculated from ***a*** and ***b***.

K (ft/s)	*i*	*L* (ft)	*a* (ft)	*b* (ft)	*H* (ft)	*A* (sf)	v_d (ft/s)	Q_1 (cfs)
3.18E-05*	0.020*	810	25*	3.431^	25.234	20,440	6.36E-07	0.1300

* Estimated values
^ Average annual daily-mean gage height at USGS Gaging Station 02336120 (Peachtree Creek at Atlanta, GA)

Table A1 shows the results of the calculation for the given input parameters together with the applicable ISWQS for the highest contaminant concentration detected to date on the subject property located between 110 feet and 230 feet upgradient (southeast) of Peachtree Creek. The length of the segment, ***L***, is the width of the property boundary adjacent to the CSX Transportation Railroad right-of-way. To be conservative, the plume segment from the subject property to Peachtree Creek is assumed to have the same contaminant concentration throughout and does not experience any horizontal dispersivity or degradation. As can be seen in Table A1, the contaminant concentrations in Peachtree Creek after mixing of surface water with impacted groundwater, C_3 is two to three orders of magnitude below the applicable ISWQS.

Table A1 – Calculation of contaminant concentration in Peachtree Creek after mixing with impacted groundwater, parameter C3

COC	C_1 (mg/L)	Q_1 (cfs)	$Q_2 = Q_3$ (cfs)	C_3 (mg/L)	ISWQS (mg/L)
1,1-DCE	0.0064	0.1300	51	1.63E-05	7.100
Ethylbenzene	0.0087	0.1300	51	2.22E-05	2.100
TCE	0.180	0.1300	51	8.12E-04	0.030
As	0.0988	0.1300	51	2.52E-04	0.050
Cr	0.0104	0.1300	51	2.65E-05	0.011 [C]
Pb	0.243	0.1300	51	6.19E-04	0.0012 [C]

$C_3 = (Q_1 \times C_1) / Q_3$ [C] Chronic criteria value for Chromium VI and Lead in Freshwater

The maximum allowable contaminant concentrations at the subject property that would still be protective of the applicable ISWQS are shown in Table A2 (value C_1). As can be seen in the table below, this calculated contaminant concentrations that would result in impact to Peachtree Creek above ISWQS is much higher than the maximum concentration observed in the field.

Table A2 - Maximum allowable contaminant concentrations at the subject property protective of the applicable ISWQS, parameter C_1

COC	C_1 (mg/L)	Q_1 (cfs)	$Q_2 = Q_3$ (cfs)	C_3 (mg/L)	ISWQS (mg/L)
1,1-DCE	2.8E3	0.1300	51	7.099	7.100
Ethylbenzene	8.2E2	0.1300	51	2.099	2.100
TCE	11.3769	0.1300	51	0.029	0.030
As	19.2231	0.1300	51	0.049	0.050
Cr	2.2174	0.1300	51	0.010	0.011 [C]
Pb	0.4315	0.1300	51	0.0011	0.0012 [C]

$C_1 = (Q_3 \times C_3) / Q_1$ [C] Chronic criteria value for Chromium VI and Lead in Freshwater

In conclusion, the dissolved contaminant plume will not impact Peachtree Creek after mixing surface water with impacted groundwater. The maximum allowable contaminant concentrations calculated that would still be protective of the applicable ISWQS was substantially higher than the maximum concentrations observed in the field to date.