CONSTRUCTION COMPLETION REPORT

FOR

TIME CRITICAL REMOVAL ACTION

AOC 32 – PCE UNDERGROUND STORAGE TANKS

AT

NAVAL WEAPONS INDUSTRIAL RESERVE PLANT

BETHPAGE, NEW YORK

CONTRACT NUMBER: N40085-12-D-1717

TASK ORDER: 0002

Prepared For:

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND MID-ATLANTIC

9742 Maryland Avenue, Bld. Z-144

Norfolk, VA 23511

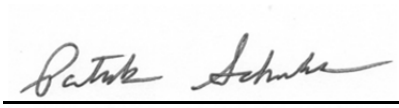
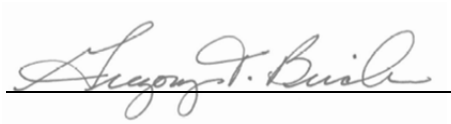
Prepared By:

160 East Main Street, Suite 2F

Westborough, MA 01581

MAY 2013

By their signature, the following individuals certify their review and concurrence with this Construction Completion Report for time critical removal action performed at the Naval Weapons Industrial Reserve Plant, Bethpage, New York.

Signatures	**Date**
	5/1/2013
Mr. Patrick Schauble, PE Program Manager	
	5/1/2013
Mr. Gregory Birch, PMP® Project Manager	

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LIST OF ABBREVIATIONS AND ACRONYMS

AOC	Area of Concern
AST	Above Ground Storage Tank
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
CFR	Code of Federal Regulations
DER	Division of Environmental Remediation
EPA	United States Environmental Protection Agency
H&S	H&S Environmental, Inc.
MIDLANT	Mid-Atlantic
MG/KG	milligrams per kilogram
NAVFAC	Naval Facilities Engineering Command
NGC	Northrop Grumman Corporation
NWIRP	Naval Weapons Industrial Reserve Plant
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New State Department of Health
PCE	tetrachloroethene
PE	Professional Engineer
RCRA	Resource Conservation and Recovery Act
SOW	Statement of Work
SOP	Standard Operating Procedures
TAGM	Technical Assistance Guidance Memorandum
TCLP	Toxicity Characteristic Leaching Procedure
Tetra Tech	Tetra Tech Inc.
µg/L	micrograms per liter
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 INTRODUCTION

H&S Environmental, Inc. (H&S) has prepared this Construction Completion Report (CCR) for the Naval Facilities Engineering Command (NAVFAC) Mid-Atlantic (MIDLANT) under Contract N40085-12-D-1717, Task Order 0002. This CCR documents the procedures used to remove two (2) underground storage tanks (USTs) and solid and liquid contents located at Area of Concern (AOC) 32 within the Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage, New York. This action was conducted as a Time Critical Removal Action. H&S was the prime contractor tasked with performing the remedial action. H&S engaged Tetra Tech Inc. (Tetra Tech) to provide technical support.

This CCR is based on the following documents/regulations:

- *Work Plan for Time Critical Removal Action, AOC – 32 PCE Underground Storage Tanks at Naval Weapons Reserve Plan Bethpage, New York,* dated August 2012, as approved with comment by the New York State Department of Environmental Conservation (NYSDEC) on September 5, 2012.
- The Statement of Work (SOW) prepared by NAVFAC entitled *Time Critical Removal Actions Area of Concern 32 – PCE Underground Storage Tanks at NWIRP Bethpage, NY,* dated 7 May 2012.
- *New York State Department of Environmental Conservation (NYSDEC) CP-51 / Soil Cleanup Guidance, DEC Policy,* dated 21 October 2010.
- *NYSDEC Division of Environmental Remediation (DER) 6 NYCRR PART 375, Environmental Remediation Programs, Subparts 375-1 to 375- 4 & 375*-6, dated 14 December 2006.
- New York State Department of Health (NYSDOH) *Generic Community Air Monitoring Plan* (December 2009).
- *Fugitive Dust Suppression and Particulate Monitoring Program at Inactive Hazardous Waste Sites* outlined in NYSDEC's *DER-10 Technical Guidance for Site Investigation and Remediation* (May 2010).
- U.S. Environmental Protection Agency (EPA) Environmental Response Team, Standard Operating Procedures, Soil Sampling (EPA 2012) dated February 2000.

1.1 PROJECT OBJECTIVES

The objectives of this project were to remove two (2) USTs, document post-excavation soil conditions, and restore the site to existing grade. Tasks performed are detailed in Section 2.0 and are summarized as follows.

- Mobilization and Site Preparation
- Removal and Stabilization of Tank Contents
- UST Removal, Decontamination, and Recycling
- Waste Characterization, Storage, and Disposal
- Post-Excavation Confirmatory Sampling
- Site Restoration and Demobilization
- Community Air Monitoring Plan (CAMP) Documentation

1.2 PROJECT/SITE INFORMATION

NWIRP Bethpage was established in 1943 and was formerly a Government Owned Contractor-Operated facility that was operated by the Northrop Grumman Corporation (NGC) until September 1998. It is located in east central Nassau County, Long Island, New York, approximately 30 miles east of New York City, covering approximately 109.5 acres (**Figures 1-1 and 1-2**).

NWIRP Bethpage's historical uses consist mainly of the research, prototyping, testing, design engineering, fabrication, and primary assembly of military aircraft. Historical operations that resulted in hazardous material generation at the facility included metal finishing processes, maintenance operations, painting of aircraft and components, and other activities that involved aircraft manufacturing.

Site 1 – Former Drum Marshalling Area originally consisted of two former drum marshalling pads that were used to store drums containing waste materials from operations at Plant 3 and potentially other sources at the facility.

According to NGC's Phase I Environmental Site Assessment dated April 1997, there were two USTs that were initially used for the storage of toluene and subsequently used for tetrachloroethene (PCE). These USTs were identified as 1090 and 1091. In 1997, NGC collected subsurface soil samples adjacent to these tanks and there were reportedly no exceedances of the New York State Department of Environmental (NYSDEC) Technical Assistance Guidance Memorandum (TAGM) #4046 criteria for soil. In the mid-1980's, an above ground tank was constructed adjacent to this area to store PCE and the two USTs were abandoned. NGC's records indicate the two tanks stopped being used in January of 1984. Their records also indicated that the tanks each had a capacity of 6,000 gallons and were constructed of steel. [Note: During the removal action, the tanks were determined to have capacities of 5,000 gallons

(north tank) and 6,000 gallons (south tank).] No other information was available regarding installation or details of the two abandoned USTs in 1984.

In 2008, the majority of the facility was transferred to Nassau County for economic redevelopment and the remaining nine acres that the Navy retained under the cleanup program were leased to the County. The County sold the majority of the property and provided a sublease to Steel Equities in 2011.

While Steel Equities was regrading the area surrounding Plant 3, an UST manway and two small diameter pipes were partially uncovered. The pipes ran from the tank south to the corner of Plant 3. Upon further investigation, it was determined that the UST's manway cover was. NGC was contacted at this time, and NGC provided the 1997 Phase I Site Assessment information described above. A second UST was discovered just north of the first UST. Initial probing of the tank contents indicated that the tanks were loosely filled with a sandy material and that voids were present and filled with water. The water and sand were noted to completely fill the tanks. In April 2012, water from the southern tank was sampled. Test results of the tank contents prior to removal are summarized in **Table 1-1** and detailed in **Appendix A**. Several volatile organic compounds including vinyl chloride (19,000 µg/L), cis-1, 2-dichloroethene (22,000 µg /L), trichloroethene (1,400 µg /L), and PCE (1,300 µg /L) were detected. NYSDEC was notified of the tank and results on April 26, 2012. The area was sectioned off for safety, until additional action could be conducted.

2.0 REMEDIAL ACTION SUMMARY

Initial removal activities were conducted on August 21 and 22, 2012 and included the collection of four tank waste and water samples. These samples were analyzed for parameters identified in 40 CRF 261 characteristic hazardous waste classification. Sample results are summarized in Table 1 and detailed in Appendix B. Sample identifications, matrix, and locations are as follows.

Sample Identification	Tank/Matrix	Notes
AOC-32-1/1A	Tank 1, Water sample	Collected from Tank 1 manhole
AOC-32-3/3A	Tank 2, Water sample	Collected from Tank 2 manhole
AOC-32-5	Tank 1, Soil/waste sample	Collected from Tank 1 manhole
AOC-32-6	Tank 2 Soil/waste sample	Collected from Tank 2 manhole

Based on the initial sample results, the water in Tank 1 would be classified as a Resource Conservation Recovery Act (RCRA) hazardous waste based on the concentration of vinyl chloride. The test results did not classify the contents for the Tank 1 solids, Tank 2 liquids, or Tank 2 solids as RCRA hazardous waste.

Before the tanks were removed, New York One Call was notified of the excavation activities (Ticket Number 122430844). In addition, a private utility markout was conducted on August 30, 2012.

2.1 MOBILZATION AND SITE PREPARATION

Site mobilization was conducted on September 5, 2012. Contractor Quality Control Daily Reports are provided in Appendix C and the Photo Log is provided in Appendix D. The initial site reconnaissance identified only the tops of the two steel tanks/manways. The tanks were located approximately 12 inches below the existing grade and the top of the manways were approximately 6 inches below grade. Each tank was observed to have an open manway. In addition, holes were noted at the top of the tank that would be consistent with connection that would be for 1 to 2 inch piping. This piping was no longer present. Some of the piping from the tanks to Plant 3 had been removed during the site regrading and the remaining piping was removed during this action. Water was observed at the top of the manway for both USTs. The tank contents were noted to be mostly uncompacted soil and portion of the tank contained free standing water. Between September 5 - 7, 2012, erosion control measures were installed around the planned excavation area.

2.2 REMOVAL AND STABILIZATION OF TANK CONTENTS

On September 10, 2012, the remaining soils covering the tanks were removed and placed in lined roll off boxes. On September 10 and 11, 2012, liquid from Tank 2 (north) was pumped from the tank into 55-gallon drums. A total of 28 drums (1,540 gallons) of water were collected stored at the NWIRP waste staging area, located in the northeast corner of Site 3.

From September 11 - 13, 2012, water from Tank 1 (south) was pumped from the tank into 55-gallons drums. A total of 54 drums (2,970 gallons) of liquid was collected and stored at the NWIRP waste staging area.

Access cuts were then made into the top of both tanks to facilitate removal of solids and to conduct inspections. In addition, cement kiln dust was placed in the tanks to adsorb free liquids and stabilize the tank solids prior to removal.

On September 12 and 13, 2012, the solid contents of Tank 2 (approximately 48 tons) and Tank 1 (approximately 12 tons) were loaded into roll off boxes and stored at the NWIRP waste staging area.

2.3 UST REMOVAL, DECOMTAMINATION, AND RECYCLING

On September 13, 2012, the tanks were removed from the excavation. An inspector from NYSDEC was onsite to inspect the tanks.

On September 14, 2012, the interior of the tanks was pressure washed to remove residual solid and liquid wastes. The resulting fluids were collected, placed in two drums, and stored at the NWIRP waste staging area.

On September 14 and 17, 2012, the tanks were transported off site for recycling at Liotta & Sons (**Appendix E**).

2.4 WASTE CHARACTERIZATION, STORAGE, AND DISPOSAL

Waste disposal manifests (with weight tickets) are presented in Appendix F. Hazardous waste storage area inspection logs are included in **Appendix G.** All wastes were removed from the site between November 2 and 29, 2012. Disposal of solid wastes was delayed to accommodate excessive waste being accepted at the landfills because of Hurricane Sandy. The waste streams, RCRA classification, quantities, and disposal/recycler are summarized as follows.

Waste Stream	RCRA Classification	Quantity	Disposal/ Recycler
Tank 1 – Liquid/ Decontamination Fluids	Hazardous (D043)	3,025 gallons (55 drums)	Bridgeport United Recycling
Tank 1 – Solids	Non-hazardous	12.06 tons	Clean Earth
Tank 2 – Liquid/ Decontamination Fluids	Non-hazardous	1,595 gallons (29 drums)	Bridgeport United Recycling
Tank 2 – Solids	Non-hazardous	48.33 tons	Clean Earth
Steel Tanks	Metal Recycling	5,000 and 6,000 gallons/10.65 tons	LLIOTTA & Sons

2.5 CONFIRMATORY SAMPLING

A total of 16 samples were collected on September 14, 2012 to document post-tank removal site conditions (CS-AOC32-01 to -16) (Figure 2-2). Samples CS-AOC32-01 through -05 were collected from soil beneath Tank 1. Samples CS-AOC321-06 through -09 (and duplicate -10) were collected from soil beneath Tank 2. Samples CS-AOC32-11 to -16 were excavation side wall samples collected at a depth of approximately 4 to 5 feet below ground surface. The samples were analyzed for VOCs. Analytical results and the validation report are presented in **Appendix H** and are summarized in Table 2-2 and on Figure 2-2. Any residual VOC-contaminated soil and groundwater are being addressed during the remedial action at Site 1.

2.6 SITE RESTORATION AND DISPOSAL

On September 17, 2012, a fabric barrier was placed in the bottom of the excavation and then over burden material was added. An additional 60 tons of clean fill was used to backfill the excavation to near grade. The fill was compacted using the excavator (see **Appendix I**). The remainder of the piping from the excavation to the building was removed.

2.7 COMMUNITY AIR MONITORING PLAN DOCUMENTATION

During the construction activities air monitoring activities were conducted in accordance with the CAMP. Detailed notes are provided in **Appendix J.** Based on the monitoring, activities proceeded without the need to implement any of the contingency actions.

2.8 DEVIATION FROM WORK PLAN

There were no significant deviations from the Work Plan.

TABLES

TABLE 1
PRE-EXCAVATION SAMPLE RESULTS FOR AOC 32
NWIRP BETHPAGE, NEW YORK

SAMPLE ID:	AOC32-UST-GRAB		AOC 32-1/1A		AOC 32-3/3A		AOC 32-5		AOC 32-6	
TANK - DESCRIPTION	T1 (SOUTH)		T1 (SOUTH)		T2 (NORTH)		T1 (SOUTH)		T2 (NORTH)	
MATRIX	WATER		WATER		WATER		SOIL, **		SOIL, **	
SAMPLE DATE:	4/17/2012		8/21/2012		8/21/2012		8/21/2012		8/21/2012	
PARAMETER	(UG/L)		(UG/L)		(UG/L)		(TCLP - MG/L)		(TCLP - MG/L)	
VINYL CHLORIDE	19,000	D	8,800							
METHYLENE CHLORIDE	480	J					NA		NA	
TRAN-1,2-DICHLOROETHENE	470	J	73	J	11		NA		NA	
CIS-1,2-DICHLOROETHENE	22,000		17,000		1,300		NA		NA	
TRICHLOROETHENE	140	J	170		16					
TETRACHLOROETHENE	1300		140		9.7	J				
1,1-DICHLOROETHENE			33	J			NA		NA	
ACETONE			92	J			NA		NA	
DIESEL RANGE ORGANICS	NA		920		330		26	a.	7.2	a.
PCB-1248	NA				12				1	a.
PCB-1260	NA				1.9		0.11	a.	0.27	a.
4,4' DDT	NA				0.042	J	0.0022	J, a	0.0069	J, a.
CHLORDANE	NA						24			
PENTACHLOROPHENOL	NA				0.16	J	1.1	J,a.		
pH	NA		7.3		7.93		7.17		7.33	
CYANIDE	NA				11		0.28	J, a.	0.88	a.
ARSENIC	NA		6.7		10					
BARIUM	NA		85		69					
CHROMIUM	NA		20		79					
CADMIUM	NA		0.72		2.6					
LEAD	NA		22		55					
MERCURY	NA		0.12	J	0.092	J				
SELENIUM	NA		14		1.2	J				
SILVER	NA		1.3							

Only positive detections are shown. For metals, only the 8 RCRA metals are reported. Other metals were detected, see Appendix B.
Blank indicates that there was no reported detection for that parameter.
J - Estimated.
UG/L - micrograms per liter.
MG/L - milligrams per liter.
NA - Not analyzed.
** - Toxicity Characteristic Leaching Procedure (TCLP) Result, results are in MG/L unless otherwise noted.
a. Result is milligrams per kilogram (MG/KG)

TABLE 2
POST-EXCAVATION SOIL SAMPLE RESULTS FOR AOC 32
NWIRP BETHPAGE, NEW YORK
(PAGE 1 OF 3)

SAMPLE ID:	CS-AOC32-01		CS-AOC32-02		CS-AOC32-03		CS-AOC32-04		CS-AOC32-05		CS-AOC32-06		CS-AOC32-07	
SAMPLE DATE:	9/14/2012		9/14/2012		9/14/2012		9/14/2012		9/14/2012		9/14/2012		9/14/2012	
TANK, LOCATION	T1, BOT, 2.5 FT		T1, BOT, 7.5 FT		T1, BOT, 12.5 FT		T1, BOT, 17.5 FT		T1, BOT, 22.5 FT		T2, BOT, 2.5 FT		T2, BOT, 6.0 FT	
MATRIX	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
PARAMETER	(UG/KG)		(UG/KG)		(UG/KG)		(UG/KG)		(UG/KG)		(UG/KG)		(UG/KG)	
CIS-1,2-DICHLOROETHENE			29	J	79	J			110					
TRICHLOROETHENE									74					
TETRACHLOROETHENE	520		560	J	330	J	370	J	770		2.9		4.1	J
TOLUENE	22	J	15	J					340					
METHYL ACETATE			100	J										

Only positive detections are shown.

Blank indicates that there was no reported detection for that parameter.

J - Estimated.

UG/KG - micrograms per kilogram.

TABLE 2
POST-EXCAVATION SOIL SAMPLE RESULTS FOR AOC 32
NWIRP BETHPAGE, NEW YORK
(PAGE 2 OF 3)

SAMPLE ID:	CS-AOC32-08		CS-AOC32-09		CS-AOC32-09 DUP		CS-AOC32-11		CS-AOC32-12		CS-AOC32-13		CS-AOC32-14	
SAMPLE DATE:	9/14/2012		9/14/2012		9/14/2012		9/14/2012		9/14/2012		9/14/2012		9/14/2012	
TANK, LOCATION	T2, BOT, 10.0 FT		T2, BOT, 13.5 FT		T2, BOT, 13.5 FT		T1, SIDE, EAST		T1, SIDE, SOUTH		T1, SIDE, WEST		T2, SIDE, WEST	
MATRIX	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
PARAMETER	(UG/KG)		(UG/KG)		(UG/KG)		(UG/KG)		(UG/KG)		(UG/KG)		(UG/KG)	
CIS-1,2-DICHLOROETHENE							32							
TRICHLOROETHENE														
TETRACHLOROETHENE							400		1200		260			
TOLUENE									28					
METHYL ACETATE														

Only positive detections are shown.

Blank indicates that there was no reported detection for that parameter.

J - Estimated.

UG/KG - micrograms per kilogram.

TABLE 2
POST-EXCAVATION SOIL SAMPLE RESULTS FOR AOC 32
NWIRP BETHPAGE, NEW YORK
(PAGE 3 OF 3)

SAMPLE ID:	**CS-AOC32-15**		**CS-AOC32-16**	
SAMPLE DATE:	**9/14/2012**		**9/14/2012**	
TANK, LOCATION	**T2, SIDE, NOR**		**T2, SIDE, EAST**	
MATRIX	**SOIL**		**SOIL**	
PARAMETER	**(UG/KG)**		**(UG/KG)**	
CIS-1,2-DICHLOROETHENE				
TRICHLOROETHENE				
TETRACHLOROETHENE				
TOLUENE				
METHYL ACETATE				

Only positive detections are shown.

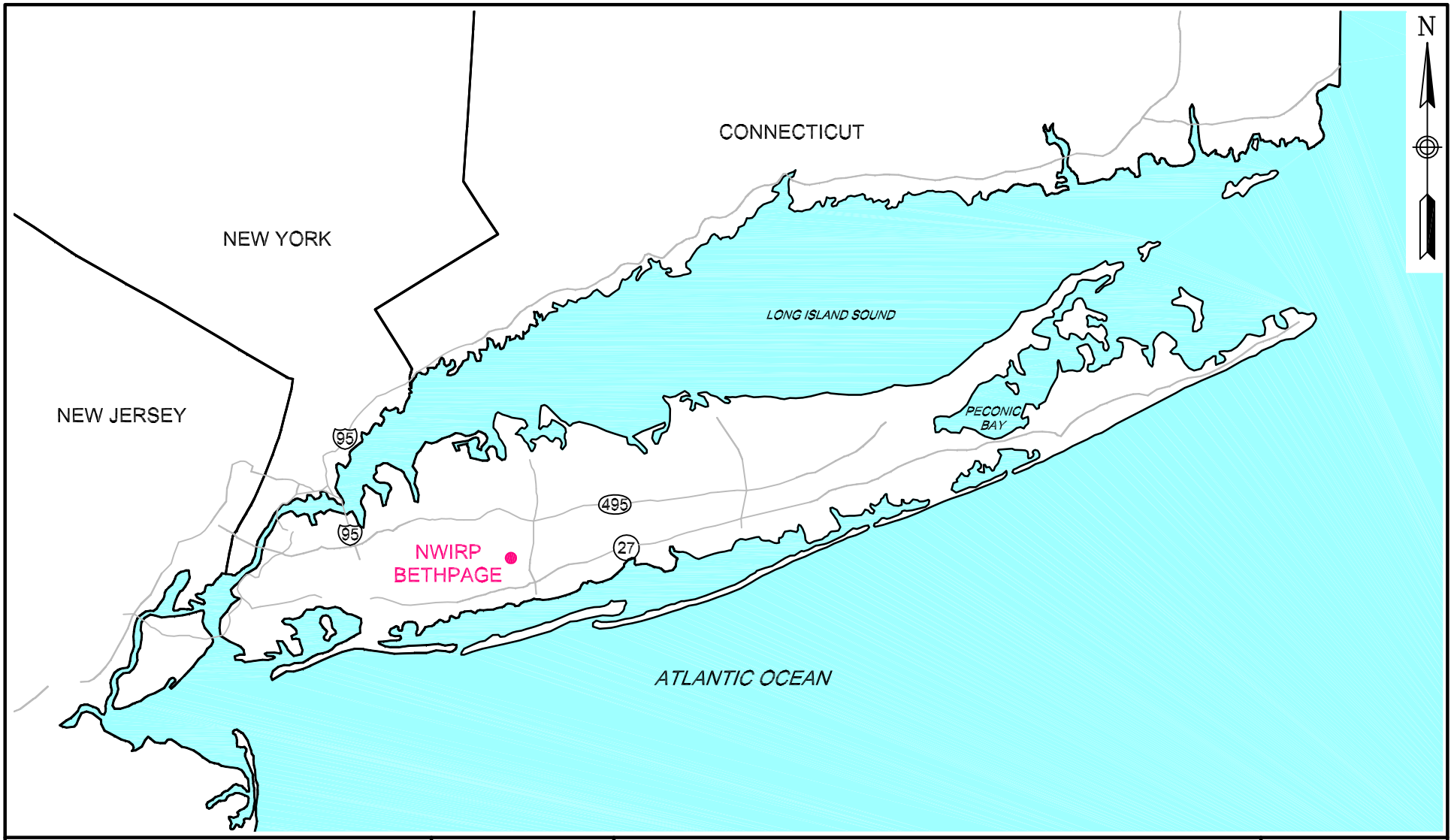
Blank indicates that there was no reported detection for that parameter.

J - Estimated.

UG/KG - micrograms per kilogram.

FIGURES

112G02751\FS.DR\112G02751CM01.DWG 11/26/12 MKB



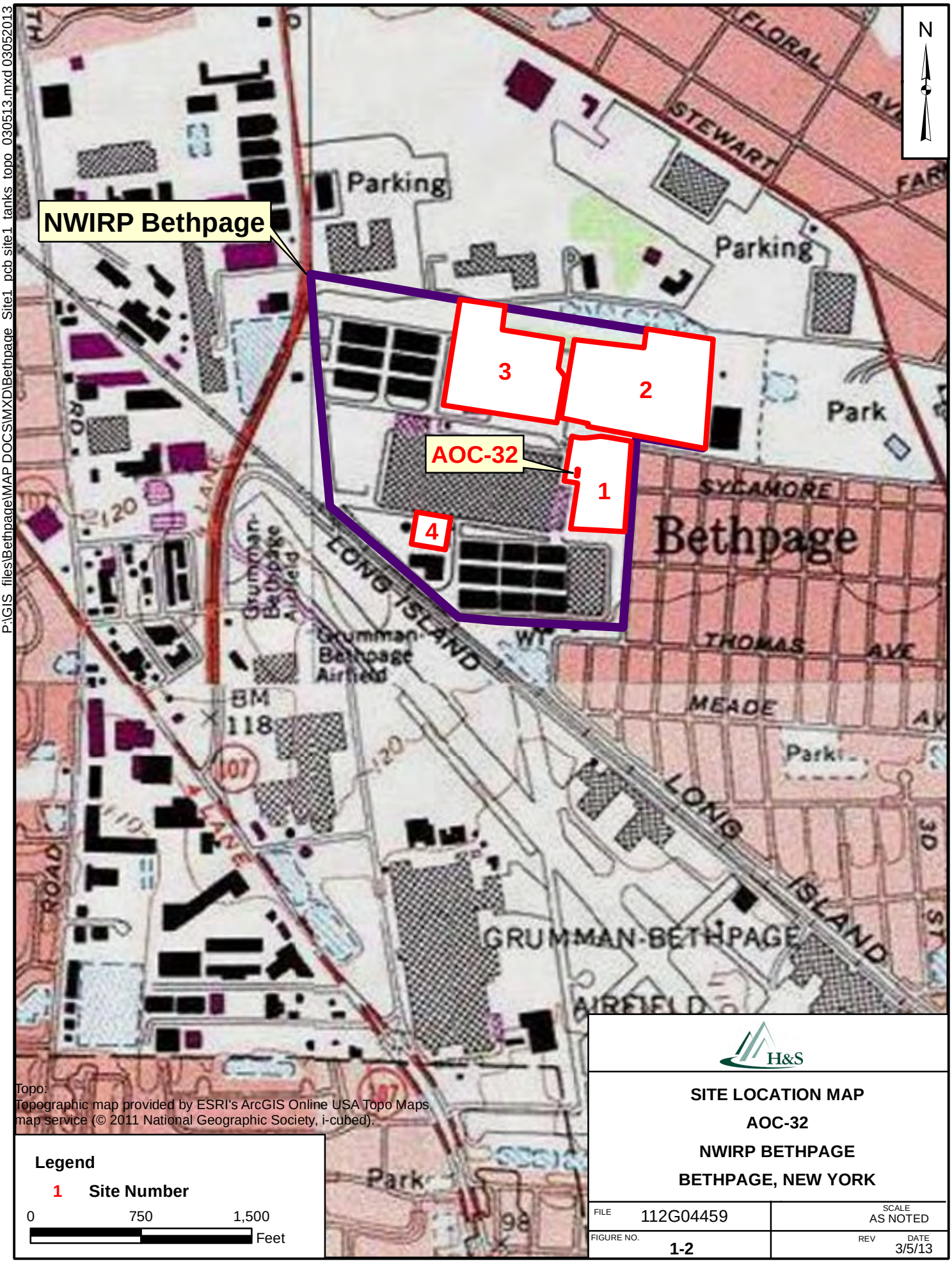
0 15 30

SCALE IN MILES

H&S

GENERAL LOCATION MAP
NWIRP BETHPAGE
BETHPAGE, NEW YORK

SCALE	NOT TO SCALE
FILE	112G02751CM01
REV	0
DATE	11/26/12
FIGURE NUMBER	FIGURE 1-1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N
NWIRP Bethpage
AOC-32
1
2
3
4
Parking
Parking
Park
Bethpage
SYCAMORE
THOMAS AVE
MEADE
LONG ISLAND
GRUMMAN-BETHPAGE AIRFIELD
Grumman Bethpage Airfield
FLORAL
STEWART
BM 118
Topo:
Topographic map provided by ESRI's ArcGIS Online USA Topo Maps map service (© 2011 National Geographic Society, i-cubed).
Legend
1 Site Number
0 750 1,500
Feet
H&S
SITE LOCATION MAP
AOC-32
NWIRP BETHPAGE
BETHPAGE, NEW YORK
FILE 112G04459
SCALE AS NOTED
FIGURE NO. 1-2
REV
DATE 3/5/13

P:\GIS files\Bethpage\MAP DOCS\MXD\Bethpage Site1 pcb site1 tanks 090612.mxd mmc 030513

PLANT 3

Tank 1

Approximate Location of Tank Piping

Tank 2

SITE 1

N

Legend

- Fence Line
- Tank 2
- Tank 1

0 25 50 Feet

2010 NYGIS Clearinghouse Aerial Photo

H&S

AOC 32 TANK LAYOUT
NWIRP BETHPAGE
BETHPAGE, NEW YORK

FILE	SCALE
112G04459	AS NOTED
FIGURE NO. **2-1**	REV / DATE 3/5/13

P:\GIS files\Bethpage\MAP DOCS\MXD\Bethpage_Site1_pcb site1_tanks_tags_022613.mxd mmc 022613

PLANT 3

SITE 1

N

CS-AOC32-15
9/14/2012
VOCs ND

CS-AOC32-09/CS-AOC32-10
(13.5 FEET)
9/14/2012 9/14/2012 (DUP)
VOCs ND ND

CS-AOC32-08
(10.0 FEET)
9/14/2012
VOCs ND

CS-AOC32-14
9/14/2012
VOCs ND

CS-AOC32-16
9/14/2012
VOCs ND

CS-AOC32-07
(6.0 FEET)
9/14/2012
PCE 4.1 J

CS-AOC32-06
(2.5 FEET)
9/14/2012
PCE 2.9

CS-AOC32-04
(17.5 FEET)
9/14/2012
PCE 370 J

CS-AOC32-05
(22.5 FEET)
9/14/2012
CIS-1,2-DCE 110
TCE 74
PCE 770
TOLUENE 340

CS-AOC32-11
9/14/2012
CIS-1,2-DCE 32
PCE 400

CS-AOC32-03
(12.5 FEET)
9/14/2012
CIS-1,2-DCE 79 J
PCE 330 J

CS-AOC32-13
9/14/2012
PCE 260

CS-AOC32-02
(7.5 FEET)
9/14/2012
CIS-1,2-DCE 29 J
PCE 560 J
TOLUENE 15 J
METHYL ACETATE 100 J

CS-AOC32-12
9/14/2012
PCE 1,200
TOLUENE 28

CS-AOC32-01
(2.5 FEET)
9/14/2012
PCE 520 J
TOLUENE 22 J

Legend

- Confirmation Sample Location
- Fence Line
- AOC-32 Tank

0 25 50 Feet

NOTES:
All units are in micrograms per kilogram (µg/kg)
VOCs=volatile organic compounds
CIS-1,2-DCE= CIS-1,2-dichloroethene
TCE= trichloroethene
PCE= tetrachloroethene
J= estimated value
ND= non detect
DUP=duplicate

2010 NYGIS Clearinghouse Aerial Photo

H&S

CONFIRMATION SAMPLE RESULTS
AOC 32 TANKS
NWIRP BETHPAGE
BETHPAGE, NEW YORK

FILE	112G04459	SCALE	AS NOTED
FIGURE NO.	2-2	REV / DATE	3/5/13

APPENDIX A
APRIL 2012 SAMPLE RESULTS

CHEMTECH

DATA FOR

VOLATILE ORGANICS

PROJECT NAME : BETHPAGE CTO-066

TETRA TECH NUS, INC.

661 Anderson Drive

Pittsburgh, Pennsylvania - 15220-2745

Phone No: 4129218361

ORDER ID : **D2262**

ATTENTION : **David Brayack**

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Date : 04/20/2012

Dear David Brayack,

1 water samples for the **Bethpage CTO-066** project were received on **04/18/2012.** The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Elizabeth Griffiths

240-215-4321

egriffiths@chemtech.net

D2262

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER Nº 1204 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112602752	BETHPAGE 002	David Brayack	757-461-3768	Chemtech Kurt Humler 908-789-8900
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		S. Conti / J. Ferguson	412-496-9283	284 Sheffield Drive
		CARRIER/WAYBILL NUMBER		CITY, STATE
		Federal Express AB# 8758 0716 6070		Mountainside, NJ

STANDARD TAT ☐ RUSH TAT ☐ ☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2012	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS 8260B VOC							COMMENTS
									G	HCl								
4/17	11:45	ADC32-UST-GRAB	ADC32	—	—	GW	G	4										7 PPM PID Screen Form ACE Tank

1. RELINQUISHED BY		DATE 4/17/12	TIME 15:00	1. RECEIVED BY Federal Express AB# 8758 0716 6070	DATE 4/17/12	TIME 15:00
2. RELINQUISHED BY		DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	Fedex	DATE 4/18/12	TIME 9:15	3. RECEIVED BY	DATE 4/18/12	TIME 9:15

COMMENTS Temp 4°C

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R FORM NO. TtNUS-001

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/17/12
Project:	Bethpage CTO-066	Date Received:	04/18/12
Client Sample ID:	AOC32-UST-GRAB	SDG No.:	D2262
Lab Sample ID:	D2262-01	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR004974.D	500		04/20/12	VR042012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1250	U	280	1250	2500	ug/L
74-87-3	Chloromethane	1250	U	270	1250	2500	ug/L
75-01-4	Vinyl Chloride	98000	E	170	1250	2500	ug/L
74-83-9	Bromomethane	1250	U	310	1250	2500	ug/L
75-00-3	Chloroethane	1250	U	330	1250	2500	ug/L
75-69-4	Trichlorofluoromethane	1250	U	180	1250	2500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1250	U	220	1250	2500	ug/L
75-35-4	1,1-Dichloroethene	1250	U	240	1250	2500	ug/L
67-64-1	Acetone	6000	U	1400	6000	12000	ug/L
75-15-0	Carbon Disulfide	1250	U	270	1250	2500	ug/L
1634-04-4	Methyl tert-butyl Ether	1250	U	180	1250	2500	ug/L
79-20-9	Methyl Acetate	1250	U	420	1250	2500	ug/L
75-09-2	Methylene Chloride	480	J	200	1250	2500	ug/L
156-60-5	trans-1,2-Dichloroethene	470	J	200	1250	2500	ug/L
75-34-3	1,1-Dichloroethane	1250	U	180	1250	2500	ug/L
110-82-7	Cyclohexane	1250	U	280	1250	2500	ug/L
78-93-3	2-Butanone	6000	U	660	6000	12000	ug/L
56-23-5	Carbon Tetrachloride	1250	U	310	1250	2500	ug/L
156-59-2	cis-1,2-Dichloroethene	130000	E	180	1250	2500	ug/L
74-97-5	Bromochloromethane	1250	U	1100	1250	2500	ug/L
67-66-3	Chloroform	1250	U	170	1250	2500	ug/L
71-55-6	1,1,1-Trichloroethane	1250	U	200	1250	2500	ug/L
108-87-2	Methylcyclohexane	1250	U	340	1250	2500	ug/L
71-43-2	Benzene	1250	U	160	1250	2500	ug/L
107-06-2	1,2-Dichloroethane	1250	U	240	1250	2500	ug/L
79-01-6	Trichloroethene	1400	J	140	1250	2500	ug/L
78-87-5	1,2-Dichloropropane	1250	U	230	1250	2500	ug/L
75-27-4	Bromodichloromethane	1250	U	180	1250	2500	ug/L
108-10-1	4-Methyl-2-Pentanone	6000	U	1000	6000	12000	ug/L
108-88-3	Toluene	1250	U	180	1250	2500	ug/L
10061-02-6	t-1,3-Dichloropropene	1250	U	140	1250	2500	ug/L

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/17/12
Project:	Bethpage CTO-066	Date Received:	04/18/12
Client Sample ID:	AOC32-UST-GRAB	SDG No.:	D2262
Lab Sample ID:	D2262-01	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR004974.D	500		04/20/12	VR042012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	1250	U	160	1250	2500	ug/L
79-00-5	1,1,2-Trichloroethane	1250	U	190	1250	2500	ug/L
591-78-6	2-Hexanone	6000	U	970	6000	12000	ug/L
124-48-1	Dibromochloromethane	1250	U	260	1250	2500	ug/L
106-93-4	1,2-Dibromoethane	1250	U	200	1250	2500	ug/L
127-18-4	Tetrachloroethene	1300	J	140	1250	2500	ug/L
108-90-7	Chlorobenzene	1250	U	240	1250	2500	ug/L
100-41-4	Ethyl Benzene	1250	U	260	1250	2500	ug/L
179601-23-1	m/p-Xylenes	2500	U	480	2500	5000	ug/L
95-47-6	o-Xylene	1250	U	220	1250	2500	ug/L
100-42-5	Styrene	1250	U	180	1250	2500	ug/L
75-25-2	Bromoform	1250	U	240	1250	2500	ug/L
98-82-8	Isopropylbenzene	1250	U	220	1250	2500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1250	U	160	1250	2500	ug/L
541-73-1	1,3-Dichlorobenzene	1250	U	220	1250	2500	ug/L
106-46-7	1,4-Dichlorobenzene	1250	U	160	1250	2500	ug/L
95-50-1	1,2-Dichlorobenzene	1250	U	220	1250	2500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1250	U	230	1250	2500	ug/L
120-82-1	1,2,4-Trichlorobenzene	1250	U	310	1250	2500	ug/L
87-61-6	1,2,3-Trichlorobenzene	1250	U	320	1250	2500	ug/L
123-91-1	1,4-Dioxane	25000	U	25000	25000	50000	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.7		70 - 120		117%	SPK: 50
1868-53-7	Dibromofluoromethane	50		85 - 115		100%	SPK: 50
2037-26-5	Toluene-d8	51.7		85 - 120		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		75 - 120		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	913768	7.58				
540-36-3	1,4-Difluorobenzene	1674810	8.5				
3114-55-4	Chlorobenzene-d5	1526300	11.31				
3855-82-1	1,4-Dichlorobenzene-d4	732325	13.26				

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/17/12
Project:	Bethpage CTO-066	Date Received:	04/18/12
Client Sample ID:	AOC32-UST-GRAB	SDG No.:	D2262
Lab Sample ID:	D2262-01	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR004974.D	500		04/20/12	VR042012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/17/12
Project:	Bethpage CTO-066	Date Received:	04/18/12
Client Sample ID:	AOC32-UST-GRABDL	SDG No.:	D2262
Lab Sample ID:	D2262-01DL	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR004976.D	2500		04/20/12	VR042012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	6000	U	1400	6000	12000	ug/L
74-87-3	Chloromethane	6000	U	1400	6000	12000	ug/L
75-01-4	Vinyl Chloride	19000	D	850	6000	12000	ug/L
74-83-9	Bromomethane	6000	U	1600	6000	12000	ug/L
75-00-3	Chloroethane	6000	U	1600	6000	12000	ug/L
75-69-4	Trichlorofluoromethane	6000	U	880	6000	12000	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	6000	U	1100	6000	12000	ug/L
75-35-4	1,1-Dichloroethene	6000	U	1200	6000	12000	ug/L
67-64-1	Acetone	31000	U	6900	31000	62000	ug/L
75-15-0	Carbon Disulfide	6000	U	1400	6000	12000	ug/L
1634-04-4	Methyl tert-butyl Ether	6000	U	880	6000	12000	ug/L
79-20-9	Methyl Acetate	6000	U	2100	6000	12000	ug/L
75-09-2	Methylene Chloride	6000	U	1000	6000	12000	ug/L
156-60-5	trans-1,2-Dichloroethene	6000	U	1000	6000	12000	ug/L
75-34-3	1,1-Dichloroethane	6000	U	900	6000	12000	ug/L
110-82-7	Cyclohexane	6000	U	1400	6000	12000	ug/L
78-93-3	2-Butanone	31000	U	3300	31000	62000	ug/L
56-23-5	Carbon Tetrachloride	6000	U	1600	6000	12000	ug/L
156-59-2	cis-1,2-Dichloroethene	22000	D	880	6000	12000	ug/L
74-97-5	Bromochloromethane	6000	U	5600	6000	12000	ug/L
67-66-3	Chloroform	6000	U	850	6000	12000	ug/L
71-55-6	1,1,1-Trichloroethane	6000	U	1000	6000	12000	ug/L
108-87-2	Methylcyclohexane	6000	U	1700	6000	12000	ug/L
71-43-2	Benzene	6000	U	800	6000	12000	ug/L
107-06-2	1,2-Dichloroethane	6000	U	1200	6000	12000	ug/L
79-01-6	Trichloroethene	6000	U	700	6000	12000	ug/L
78-87-5	1,2-Dichloropropane	6000	U	1200	6000	12000	ug/L
75-27-4	Bromodichloromethane	6000	U	900	6000	12000	ug/L
108-10-1	4-Methyl-2-Pentanone	31000	U	5200	31000	62000	ug/L
108-88-3	Toluene	6000	U	920	6000	12000	ug/L
10061-02-6	t-1,3-Dichloropropene	6000	U	720	6000	12000	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/17/12
Project:	Bethpage CTO-066	Date Received:	04/18/12
Client Sample ID:	AOC32-UST-GRABDL	SDG No.:	D2262
Lab Sample ID:	D2262-01DL	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR004976.D	2500		04/20/12	VR042012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-01-5	cis-1,3-Dichloropropene	6000	U	780	6000	12000	ug/L
79-00-5	1,1,2-Trichloroethane	6000	U	950	6000	12000	ug/L
591-78-6	2-Hexanone	31000	U	4800	31000	62000	ug/L
124-48-1	Dibromochloromethane	6000	U	1300	6000	12000	ug/L
106-93-4	1,2-Dibromoethane	6000	U	1000	6000	12000	ug/L
127-18-4	Tetrachloroethene	6000	U	680	6000	12000	ug/L
108-90-7	Chlorobenzene	6000	U	1200	6000	12000	ug/L
100-41-4	Ethyl Benzene	6000	U	1300	6000	12000	ug/L
179601-23-1	m/p-Xylenes	12500	U	2400	12500	25000	ug/L
95-47-6	o-Xylene	6000	U	1100	6000	12000	ug/L
100-42-5	Styrene	6000	U	900	6000	12000	ug/L
75-25-2	Bromoform	6000	U	1200	6000	12000	ug/L
98-82-8	Isopropylbenzene	6000	U	1100	6000	12000	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	6000	U	780	6000	12000	ug/L
541-73-1	1,3-Dichlorobenzene	6000	U	1100	6000	12000	ug/L
106-46-7	1,4-Dichlorobenzene	6000	U	800	6000	12000	ug/L
95-50-1	1,2-Dichlorobenzene	6000	U	1100	6000	12000	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	6000	U	1200	6000	12000	ug/L
120-82-1	1,2,4-Trichlorobenzene	6000	U	1600	6000	12000	ug/L
87-61-6	1,2,3-Trichlorobenzene	6000	U	1600	6000	12000	ug/L
123-91-1	1,4-Dioxane	125000	U	120000	125000	250000	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.4		70 - 120		117%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		85 - 115		98%	SPK: 50
2037-26-5	Toluene-d8	51.5		85 - 120		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50		75 - 120		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	966567	7.58				
540-36-3	1,4-Difluorobenzene	1765840	8.5				
3114-55-4	Chlorobenzene-d5	1616840	11.31				
3855-82-1	1,4-Dichlorobenzene-d4	806204	13.26				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	04/17/12
Project:	Bethpage CTO-066	Date Received:	04/18/12
Client Sample ID:	AOC32-UST-GRABDL	SDG No.:	D2262
Lab Sample ID:	D2262-01DL	Matrix:	WATER
Analytical Method:	SW8260C	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VR004976.D	2500		04/20/12	VR042012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

APPENDIX B

AUGUST 2012 – PRETANK REMOVAL SAMPLE RESULTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-82232-1
Client Project/Site: Bethpage NWIRP

For:
H&S Environmental, Inc.
160 East Main St
Suite 2F
Westborough, Massachusetts 01581

Attn: Ms. Stacey Lee

Authorized for release by:
8/31/2012 3:15:50 PM
Bernard Kirkland
Project Manager I
bernard.kirkland@testamericainc.com

Designee for

Sheila Hoffman
Project Manager I
sheila.hoffman@testamericainc.com

Job ID: 680-82232-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: H&S Environmental, Inc.

Project: Bethpage NWIRP

Report Number: 680-82232-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 08/22/2012 and 08/23/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.6, 3.2 and 6.0 C.

TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 08/23/2012 and analyzed on 08/30/2012.

Samples AOC 32-5 (680-82232-5)[20X] and AOC 32-6 (680-82232-6)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples AOC 32-1A (680-82232-7) and AOC 32-3A (680-82232-9) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/28/2012 and 08/29/2012.

Samples AOC 32-1A (680-82232-7)[100X] and AOC 32-3A (680-82232-9)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for TCLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8270C. The samples were leached on 08/22/2012, prepared on 08/23/2012 and analyzed on 08/27/2012.

Pyridine failed the recovery criteria low for the MSD of sample AOC 32-5MSD (680-82232-5) in batch 680-248052. The associated

Job ID: 680-82232-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the TCLP Semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples AOC 32-1 (680-82232-1) and AOC 32-3A (680-82232-9) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 08/23/2012 and 08/27/2012 and analyzed on 08/27/2012 and 08/28/2012.

The initial calibration curve was outside acceptance criteria for benzaldehyde. This analyte is documented as a poor performing analyte when used in accordance with this method. The data have been qualified and reported

Caprolactam failed the recovery criteria low for LCS 680-247540/16-A. Benzaldehyde failed the recovery criteria high for LCS 680-247805/18-A. Compounds have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for Diesel Range Organics (DRO) in accordance with EPA SW-846 Method 8015B. The samples were prepared on 08/23/2012 and analyzed on 08/24/2012.

No difficulties were encountered during the DRO analyses.

All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Samples AOC 32-1 (680-82232-1) and AOC 32-3A (680-82232-9) were analyzed for Diesel Range Organics (DRO) in accordance with EPA SW-846 Method 8015B. The samples were prepared on 08/23/2012 and 08/27/2012 and analyzed on 08/27/2012 and 08/29/2012.

No difficulties were encountered during the DRO analyses.

All quality control parameters were within the acceptance limits.

PESTICIDES AND PCBS

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for Pesticides and PCBs in accordance with EPA SW846 Method 8081A_8082. The samples were prepared on 08/29/2012 and analyzed on 08/30/2012.

Sample AOC 32-6 (680-82232-6)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Pesticides and PCBs analyses.

All quality control parameters were within the acceptance limits.

Job ID: 680-82232-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

PESTICIDES AND PCBS

Samples AOC 32-1 (680-82232-1) and AOC 32-3A (680-82232-9) were analyzed for Pesticides and PCBs in accordance with EPA SW846 Method 8081A_8082. The samples were prepared on 08/23/2012 and 08/26/2012 and analyzed on 08/24/2012 and 08/28/2012.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for AOC 32-1 (680-82232-1).
Results have been reported and qualified.

Refer to the QC report for details.

No other difficulties were encountered during the Pesticides and PCBs analyses.

All other quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 08/23/2012 and analyzed on 08/28/2012.

No difficulties were encountered during the herbicides analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples AOC 32-1 (680-82232-1) and AOC 32-3A (680-82232-9) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 08/23/2012 and 08/27/2012 and analyzed on 08/24/2012 and 08/29/2012.

No difficulties were encountered during the herbicides analyses.

All quality control parameters were within the acceptance limits.

METALS (ICP) - TCLP

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for Metals (ICP) - TCLP in accordance with EPA SW-846 Methods 1311/ 6010B. The samples were leached on 08/22/2012, prepared on 08/25/2012 and analyzed on 08/27/2012.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples AOC 32-1A (680-82232-7) and AOC 32-3A (680-82232-9) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared and analyzed on 08/24/2012.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

MERCURY - TCLP

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for mercury - TCLP in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 08/22/2012, prepared on 08/23/2012 and analyzed on 08/24/2012.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples AOC 32-1A (680-82232-7) and AOC 32-3A (680-82232-9) were analyzed for total mercury in accordance with EPA SW-846

Job ID: 680-82232-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Methods 7470A. The samples were prepared on 08/23/2012 and analyzed on 08/27/2012.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

IGNITABILITY

Samples AOC 32-1 (680-82232-1) and AOC 32-3A (680-82232-9) were analyzed for ignitability in accordance with EPA SW-846 Method 1010. The samples were analyzed on 08/29/2012.

No difficulties were encountered during the ignitability analyses.

All quality control parameters were within the acceptance limits.

IGNITABILITY FOR SOLIDS

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for ignitability for solids in accordance with EPA SW-846 Method 1030. The samples were analyzed on 08/22/2012.

Ignitability was detected in method blank MB 680-247525/1 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Refer to the QC report for details.

No other difficulties were encountered during the ignitability analyses.

All other quality control parameters were within the acceptance limits.

TOTAL AND AMENABLE CYANIDE

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for total and amenable cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 08/28/2012.

No difficulties were encountered during the cyanide analyses.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples AOC 32-1 (680-82232-1) and AOC 32-3 (680-82232-3) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 08/27/2012.

No difficulties were encountered during the cyanide analyses.

All quality control parameters were within the acceptance limits.

TOTAL SULFIDE

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for total sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 08/29/2012.

No difficulties were encountered during the sulfide analyses.

All quality control parameters were within the acceptance limits.

SULFIDE

Samples AOC 32-1 (680-82232-1) and AOC 32-3 (680-82232-3) were analyzed for sulfide in accordance with EPA SW846 Method 9034. The samples were analyzed on 08/26/2012.

Job ID: 680-82232-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

No difficulties were encountered during the sulfide analyses.

All quality control parameters were within the acceptance limits.

CORROSIVITY (PH)

Samples AOC 32-1 (680-82232-1) and AOC 32-3A (680-82232-9) were analyzed for corrosivity (pH) in accordance with EPA SW-846 Method 9040B. The samples were analyzed on 08/22/2012 and 08/28/2012.

No difficulties were encountered during the pH analyses.

All quality control parameters were within the acceptance limits.

CORROSIVITY (PH)

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for corrosivity (pH) in accordance with EPA SW-846 Method 9045C. The samples were analyzed on 08/27/2012.

No difficulties were encountered during the pH analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/MOISTURE

Samples AOC 32-5 (680-82232-5) and AOC 32-6 (680-82232-6) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 08/22/2012.

No difficulties were encountered during the % solids/moisture analyses.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-82232-1	AOC 32-1	Water	08/21/12 08:40	08/22/12 10:00
680-82232-3	AOC 32-3	Water	08/21/12 08:55	08/22/12 10:00
680-82232-5	AOC 32-5	Solid	08/21/12 09:15	08/22/12 10:00
680-82232-6	AOC 32-6	Solid	08/21/12 09:20	08/22/12 10:00
680-82232-7	AOC 32-1A	Water	08/22/12 16:00	08/23/12 10:00
680-82232-9	AOC 32-3A	Water	08/22/12 16:20	08/23/12 10:00

Method Summary

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SAV
8081A_8082	Organochlorine Pesticides & PCBs (GC)	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
6010B	Metals (ICP)	SW846	TAL SAV
6020	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
1030	Ignitability, Solids	SW846	TAL SAV
9012A	Cyanide, Total and/or Amenable	SW846	TAL SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL SAV
9040B	pH	SW846	TAL SAV
9045C	pH	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-1
Date Collected: 08/21/12 08:40
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	11	U	11	1.2	ug/L		08/23/12 16:24	08/27/12 23:13	1
Phenol	11	U	11	0.91	ug/L		08/23/12 16:24	08/27/12 23:13	1
Bis(2-chloroethyl)ether	11	U	11	1.2	ug/L		08/23/12 16:24	08/27/12 23:13	1
2-Chlorophenol	11	U	11	0.95	ug/L		08/23/12 16:24	08/27/12 23:13	1
2-Methylphenol	11	U	11	0.97	ug/L		08/23/12 16:24	08/27/12 23:13	1
bis (2-chloroisopropyl) ether	11	U	11	0.85	ug/L		08/23/12 16:24	08/27/12 23:13	1
Acetophenone	11	U	11	0.62	ug/L		08/23/12 16:24	08/27/12 23:13	1
3 & 4 Methylphenol	11	U	11	1.4	ug/L		08/23/12 16:24	08/27/12 23:13	1
N-Nitrosodi-n-propylamine	11	U	11	0.79	ug/L		08/23/12 16:24	08/27/12 23:13	1
Hexachloroethane	11	U	11	0.83	ug/L		08/23/12 16:24	08/27/12 23:13	1
Nitrobenzene	11	U	11	0.80	ug/L		08/23/12 16:24	08/27/12 23:13	1
Isophorone	11	U	11	0.99	ug/L		08/23/12 16:24	08/27/12 23:13	1
2-Nitrophenol	11	U	11	0.83	ug/L		08/23/12 16:24	08/27/12 23:13	1
2,4-Dimethylphenol	11	U	11	4.4	ug/L		08/23/12 16:24	08/27/12 23:13	1
Bis(2-chloroethoxy)methane	11	U	11	1.0	ug/L		08/23/12 16:24	08/27/12 23:13	1
2,4-Dichlorophenol	11	U	11	1.2	ug/L		08/23/12 16:24	08/27/12 23:13	1
Naphthalene	11	U	11	0.77	ug/L		08/23/12 16:24	08/27/12 23:13	1
4-Chloroaniline	22	U	22	2.4	ug/L		08/23/12 16:24	08/27/12 23:13	1
Hexachlorobutadiene	11	U	11	0.68	ug/L		08/23/12 16:24	08/27/12 23:13	1
Caprolactam	11	U *	11	0.87	ug/L		08/23/12 16:24	08/27/12 23:13	1
4-Chloro-3-methylphenol	11	U	11	1.1	ug/L		08/23/12 16:24	08/27/12 23:13	1
2-Methylnaphthalene	11	U	11	0.85	ug/L		08/23/12 16:24	08/27/12 23:13	1
Hexachlorocyclopentadiene	11	U	11	2.7	ug/L		08/23/12 16:24	08/27/12 23:13	1
2,4,6-Trichlorophenol	11	U	11	0.93	ug/L		08/23/12 16:24	08/27/12 23:13	1
2,4,5-Trichlorophenol	11	U	11	1.3	ug/L		08/23/12 16:24	08/27/12 23:13	1
1,1'-Biphenyl	11	U	11	0.64	ug/L		08/23/12 16:24	08/27/12 23:13	1
2-Chloronaphthalene	11	U	11	0.88	ug/L		08/23/12 16:24	08/27/12 23:13	1
2-Nitroaniline	55	U	55	1.4	ug/L		08/23/12 16:24	08/27/12 23:13	1
Dimethyl phthalate	11	U	11	1.1	ug/L		08/23/12 16:24	08/27/12 23:13	1
2,6-Dinitrotoluene	11	U	11	1.2	ug/L		08/23/12 16:24	08/27/12 23:13	1
Acenaphthylene	11	U	11	0.93	ug/L		08/23/12 16:24	08/27/12 23:13	1
3-Nitroaniline	55	U	55	5.5	ug/L		08/23/12 16:24	08/27/12 23:13	1
Acenaphthene	11	U	11	0.83	ug/L		08/23/12 16:24	08/27/12 23:13	1
2,4-Dinitrophenol	55	U	55	11	ug/L		08/23/12 16:24	08/27/12 23:13	1
4-Nitrophenol	55	U	55	2.1	ug/L		08/23/12 16:24	08/27/12 23:13	1
Dibenzofuran	11	U	11	0.87	ug/L		08/23/12 16:24	08/27/12 23:13	1
2,4-Dinitrotoluene	11	U	11	1.3	ug/L		08/23/12 16:24	08/27/12 23:13	1
Diethyl phthalate	11	U	11	0.96	ug/L		08/23/12 16:24	08/27/12 23:13	1
Fluorene	11	U	11	1.1	ug/L		08/23/12 16:24	08/27/12 23:13	1
4-Chlorophenyl phenyl ether	11	U	11	0.92	ug/L		08/23/12 16:24	08/27/12 23:13	1
4-Nitroaniline	55	U	55	5.5	ug/L		08/23/12 16:24	08/27/12 23:13	1
4,6-Dinitro-2-methylphenol	55	U	55	11	ug/L		08/23/12 16:24	08/27/12 23:13	1
N-Nitrosodiphenylamine	11	U	11	1.0	ug/L		08/23/12 16:24	08/27/12 23:13	1
4-Bromophenyl phenyl ether	11	U	11	0.84	ug/L		08/23/12 16:24	08/27/12 23:13	1
Hexachlorobenzene	11	U	11	0.87	ug/L		08/23/12 16:24	08/27/12 23:13	1
Atrazine	11	U	11	1.3	ug/L		08/23/12 16:24	08/27/12 23:13	1
Pentachlorophenol	55	U	55	2.2	ug/L		08/23/12 16:24	08/27/12 23:13	1
Phenanthrene	11	U	11	0.84	ug/L		08/23/12 16:24	08/27/12 23:13	1
Anthracene	11	U	11	0.76	ug/L		08/23/12 16:24	08/27/12 23:13	1
Carbazole	11	U	11	0.78	ug/L		08/23/12 16:24	08/27/12 23:13	1
Di-n-butyl phthalate	11	U	11	0.91	ug/L		08/23/12 16:24	08/27/12 23:13	1

Client Sample ID: AOC 32-1
Date Collected: 08/21/12 08:40
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	11	U	11	0.81	ug/L		08/23/12 16:24	08/27/12 23:13	1
Pyrene	11	U	11	0.69	ug/L		08/23/12 16:24	08/27/12 23:13	1
Butyl benzyl phthalate	11	U	11	1.3	ug/L		08/23/12 16:24	08/27/12 23:13	1
3,3'-Dichlorobenzidine	66	U	66	33	ug/L		08/23/12 16:24	08/27/12 23:13	1
Benzo[a]anthracene	11	U	11	0.60	ug/L		08/23/12 16:24	08/27/12 23:13	1
Chrysene	11	U	11	0.56	ug/L		08/23/12 16:24	08/27/12 23:13	1
Bis(2-ethylhexyl) phthalate	11	U	11	1.8	ug/L		08/23/12 16:24	08/27/12 23:13	1
Di-n-octyl phthalate	11	U	11	1.5	ug/L		08/23/12 16:24	08/27/12 23:13	1
Benzo[b]fluoranthene	11	U	11	2.8	ug/L		08/23/12 16:24	08/27/12 23:13	1
Benzo[k]fluoranthene	11	U	11	1.3	ug/L		08/23/12 16:24	08/27/12 23:13	1
Benzo[a]pyrene	11	U	11	0.78	ug/L		08/23/12 16:24	08/27/12 23:13	1
Indeno[1,2,3-cd]pyrene	11	U	11	1.1	ug/L		08/23/12 16:24	08/27/12 23:13	1
Dibenz(a,h)anthracene	11	U	11	1.1	ug/L		08/23/12 16:24	08/27/12 23:13	1
Benzo[g,h,i]perylene	11	U	11	0.95	ug/L		08/23/12 16:24	08/27/12 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*39 - 130*	*08/23/12 16:24*	*08/27/12 23:13*	*1*
2-Fluorobiphenyl	*75*		*38 - 130*	*08/23/12 16:24*	*08/27/12 23:13*	*1*
Terphenyl-d14	*41*		*10 - 143*	*08/23/12 16:24*	*08/27/12 23:13*	*1*
Phenol-d5	*77*		*25 - 130*	*08/23/12 16:24*	*08/27/12 23:13*	*1*
2-Fluorophenol	*72*		*25 - 130*	*08/23/12 16:24*	*08/27/12 23:13*	*1*
2,4,6-Tribromophenol	*82*		*31 - 141*	*08/23/12 16:24*	*08/27/12 23:13*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	**0.92**		0.099	0.050	mg/L		08/23/12 16:24	08/27/12 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*79*		*62 - 130*	*08/23/12 16:24*	*08/27/12 12:40*	*1*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.12	U	0.12	0.0077	ug/L		08/23/12 16:24	08/24/12 22:04	1
4,4'-DDE	0.12	U	0.12	0.0091	ug/L		08/23/12 16:24	08/24/12 22:04	1
4,4'-DDT	0.12	U	0.12	0.011	ug/L		08/23/12 16:24	08/24/12 22:04	1
Aldrin	0.059	U	0.059	0.0083	ug/L		08/23/12 16:24	08/24/12 22:04	1
alpha-BHC	0.059	U	0.059	0.0067	ug/L		08/23/12 16:24	08/24/12 22:04	1
beta-BHC	0.059	U	0.059	0.0079	ug/L		08/23/12 16:24	08/24/12 22:04	1
delta-BHC	0.059	U	0.059	0.0057	ug/L		08/23/12 16:24	08/24/12 22:04	1
Dieldrin	0.12	U	0.12	0.011	ug/L		08/23/12 16:24	08/24/12 22:04	1
Endosulfan I	0.059	U	0.059	0.0050	ug/L		08/23/12 16:24	08/24/12 22:04	1
Endosulfan II	0.12	U	0.12	0.012	ug/L		08/23/12 16:24	08/24/12 22:04	1
Endosulfan sulfate	0.12	U	0.12	0.0080	ug/L		08/23/12 16:24	08/24/12 22:04	1
Endrin	0.12	U	0.12	0.011	ug/L		08/23/12 16:24	08/24/12 22:04	1
Endrin aldehyde	0.12	U	0.12	0.019	ug/L		08/23/12 16:24	08/24/12 22:04	1
Endrin ketone	0.12	U	0.12	0.0099	ug/L		08/23/12 16:24	08/24/12 22:04	1
gamma-BHC (Lindane)	0.059	U	0.059	0.0070	ug/L		08/23/12 16:24	08/24/12 22:04	1
Heptachlor	0.059	U	0.059	0.0083	ug/L		08/23/12 16:24	08/24/12 22:04	1
Heptachlor epoxide	0.059	U	0.059	0.0071	ug/L		08/23/12 16:24	08/24/12 22:04	1
Methoxychlor	0.12	U	0.12	0.015	ug/L		08/23/12 16:24	08/24/12 22:04	1
Chlordane (technical)	0.59	U	0.59	0.12	ug/L		08/23/12 16:24	08/24/12 22:04	1
PCB-1016	1.2	U	1.2	0.084	ug/L		08/23/12 16:24	08/24/12 22:04	1

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-1

Date Collected: 08/21/12 08:40
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-1

Matrix: Water

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	2.4	U	2.4	0.33	ug/L		08/23/12 16:24	08/24/12 22:04	1
PCB-1232	1.2	U	1.2	0.13	ug/L		08/23/12 16:24	08/24/12 22:04	1
PCB-1242	1.2	U	1.2	0.21	ug/L		08/23/12 16:24	08/24/12 22:04	1
PCB-1248	1.2	U	1.2	0.43	ug/L		08/23/12 16:24	08/24/12 22:04	1
PCB-1254	1.2	U	1.2	0.31	ug/L		08/23/12 16:24	08/24/12 22:04	1
PCB-1260	1.2	U	1.2	0.24	ug/L		08/23/12 16:24	08/24/12 22:04	1
Toxaphene	5.9	U	5.9	0.59	ug/L		08/23/12 16:24	08/24/12 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*53 - 130*	*08/23/12 16:24*	*08/24/12 22:04*	*1*
Tetrachloro-m-xylene	*59*		*53 - 130*	*08/23/12 16:24*	*08/24/12 22:04*	*1*
DCB Decachlorobiphenyl	*20*	*X*	*22 - 130*	*08/23/12 16:24*	*08/24/12 22:04*	*1*
DCB Decachlorobiphenyl	*19*	*X*	*22 - 130*	*08/23/12 16:24*	*08/24/12 22:04*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.54	U	0.54	0.040	ug/L		08/23/12 08:20	08/24/12 21:19	1
2,4-DB	0.54	U	0.54	0.16	ug/L		08/23/12 08:20	08/24/12 21:19	1
2,4,5-T	0.54	U	0.54	0.067	ug/L		08/23/12 08:20	08/24/12 21:19	1
Silvex (2,4,5-TP)	0.54	U	0.54	0.067	ug/L		08/23/12 08:20	08/24/12 21:19	1
Dalapon	11	U	11	0.11	ug/L		08/23/12 08:20	08/24/12 21:19	1
Dicamba	0.54	U	0.54	0.092	ug/L		08/23/12 08:20	08/24/12 21:19	1
Dichlorprop	0.54	U	0.54	0.16	ug/L		08/23/12 08:20	08/24/12 21:19	1
Dinoseb	6.5	U	6.5	0.17	ug/L		08/23/12 08:20	08/24/12 21:19	1
MCPA	130	U	130	18	ug/L		08/23/12 08:20	08/24/12 21:19	1
Mecoprop	130	U	130	21	ug/L		08/23/12 08:20	08/24/12 21:19	1
Pentachlorophenol	0.27	U	0.27	0.040	ug/L		08/23/12 08:20	08/24/12 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*71*		*52 - 151*	*08/23/12 08:20*	*08/24/12 21:19*	*1*
DCAA	*99*		*52 - 151*	*08/23/12 08:20*	*08/24/12 21:19*	*1*

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.30**	**H**			SU			08/22/12 19:12	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0050	mg/L		08/27/12 09:20	08/27/12 14:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			08/29/12 14:10	1
Sulfide	1.0	U	1.0	1.0	mg/L			08/26/12 08:12	1

Client Sample ID: AOC 32-3

Date Collected: 08/21/12 08:55
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-3

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.011**		0.010	0.0050	mg/L		08/27/12 09:20	08/27/12 14:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.0	U	1.0	1.0	mg/L			08/26/12 08:12	1

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-5
Date Collected: 08/21/12 09:15
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20
Chlorobenzene	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20
Tetrachloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20
Carbon tetrachloride	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20
Chloroform	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20
Benzene	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20
Vinyl chloride	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20
1,1-Dichloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20
2-Butanone	0.20	U	0.20	0.20	mg/L			08/30/12 14:18	20
Trichloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 14:18	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/30/12 14:18*	*20*
Dibromofluoromethane	*91*		*70 - 130*		*08/30/12 14:18*	*20*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/30/12 14:18*	*20*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
Pyridine	0.25	U	0.25	0.25	mg/L		08/23/12 16:24	08/27/12 19:30	1
Hexachlorobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
2,4-Dinitrotoluene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
Cresols	0.10	U	0.10	0.10	mg/L		08/23/12 16:24	08/27/12 19:30	1
Hexachloroethane	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
Hexachlorobutadiene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		08/23/12 16:24	08/27/12 19:30	1
2,4,6-Trichlorophenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
2,4,5-Trichlorophenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
Nitrobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
2-Methylphenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1
3 & 4 Methylphenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*38 - 130*	*08/23/12 16:24*	*08/27/12 19:30*	*1*
2-Fluorophenol	*70*		*25 - 130*	*08/23/12 16:24*	*08/27/12 19:30*	*1*
Nitrobenzene-d5	*78*		*39 - 130*	*08/23/12 16:24*	*08/27/12 19:30*	*1*
Phenol-d5	*74*		*25 - 130*	*08/23/12 16:24*	*08/27/12 19:30*	*1*
Terphenyl-d14	*80*		*10 - 143*	*08/23/12 16:24*	*08/27/12 19:30*	*1*
2,4,6-Tribromophenol	*78*		*31 - 141*	*08/23/12 16:24*	*08/27/12 19:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	**26**		4.2	2.7	mg/Kg	☼	08/23/12 15:05	08/24/12 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*56 - 135*	*08/23/12 15:05*	*08/24/12 15:43*	*1*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	4.1	U	4.1	0.30	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
4,4'-DDE	4.1	U	4.1	0.24	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
4,4'-DDT	**2.2**	**J p**	4.1	0.29	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-5
Date Collected: 08/21/12 09:15
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-5
Matrix: Solid
Percent Solids: 78.3

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	2.1	U	2.1	0.56	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
alpha-BHC	2.1	U	2.1	0.14	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
beta-BHC	2.1	U	2.1	0.14	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
delta-BHC	2.1	U	2.1	0.16	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Dieldrin	4.1	U	4.1	0.35	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Endosulfan I	2.1	U	2.1	0.19	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Endosulfan II	4.1	U	4.1	0.29	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Endosulfan sulfate	4.1	U	4.1	0.30	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Endrin	4.1	U	4.1	0.91	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Endrin aldehyde	4.1	U	4.1	0.38	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Endrin ketone	4.1	U	4.1	0.34	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
gamma-BHC (Lindane)	2.1	U	2.1	0.14	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Heptachlor	2.1	U	2.1	0.10	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Heptachlor epoxide	2.1	U	2.1	0.18	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Methoxychlor	4.1	U	4.1	0.44	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Chlordane (technical)	**24**		21	3.6	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
PCB-1016	41	U	41	3.6	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
PCB-1221	84	U	84	6.0	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
PCB-1232	41	U	41	4.1	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
PCB-1242	41	U	41	3.5	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
PCB-1248	41	U	41	9.0	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
PCB-1254	41	U	41	2.9	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
PCB-1260	**110**		41	8.4	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1
Toxaphene	210	U	210	75	ug/Kg	☼	08/29/12 12:00	08/30/12 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*46 - 130*	*08/29/12 12:00*	*08/30/12 02:51*	*1*
Tetrachloro-m-xylene	*91*		*46 - 130*	*08/29/12 12:00*	*08/30/12 02:51*	*1*
DCB Decachlorobiphenyl	*48*	*X*	*54 - 133*	*08/29/12 12:00*	*08/30/12 02:51*	*1*
DCB Decachlorobiphenyl	*57*		*54 - 133*	*08/29/12 12:00*	*08/30/12 02:51*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	8.3	U	8.3	5.0	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
2,4-DB	8.3	U	8.3	3.0	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
2,4,5-T	8.3	U	8.3	2.3	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
Silvex (2,4,5-TP)	8.3	U	8.3	1.6	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
Dalapon	330	U	330	2.9	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
Dicamba	8.3	U	8.3	1.9	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
Dichlorprop	8.3	U	8.3	1.1	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
Dinoseb	100	U	100	4.6	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
MCPA	2000	U	2000	190	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
Mecoprop	2000	U	2000	170	ug/Kg		08/23/12 15:18	08/28/12 11:48	1
Pentachlorophenol	**1.1**	**J**	8.3	0.42	ug/Kg		08/23/12 15:18	08/28/12 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*77*		*35 - 137*	*08/23/12 15:18*	*08/28/12 11:48*	*1*
DCAA	*107*		*35 - 137*	*08/23/12 15:18*	*08/28/12 11:48*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 13:15	1

Client Sample ID: AOC 32-5

Date Collected: 08/21/12 09:15
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-5
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.10	U	0.10	0.10	mg/L		08/25/12 06:40	08/27/12 13:15	1
Arsenic	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 13:15	1
Barium	1.0	U	1.0	1.0	mg/L		08/25/12 06:40	08/27/12 13:15	1
Cadmium	0.10	U	0.10	0.10	mg/L		08/25/12 06:40	08/27/12 13:15	1
Chromium	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 13:15	1
Selenium	0.50	U	0.50	0.50	mg/L		08/25/12 06:40	08/27/12 13:15	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		08/23/12 13:11	08/24/12 19:06	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**NB**				mm/sec			08/22/12 14:07	1
pH	**7.17**				SU			08/27/12 15:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.28**	**J**	0.61	0.26	mg/Kg	☼	08/28/12 07:00	08/28/12 12:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	74	U	74	74	mg/Kg	☼	08/29/12 08:55	08/29/12 12:49	1

Client Sample ID: AOC 32-6

Date Collected: 08/21/12 09:20
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20
Chlorobenzene	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20
Tetrachloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20
Carbon tetrachloride	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20
Chloroform	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20
Benzene	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20
Vinyl chloride	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20
1,1-Dichloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20
2-Butanone	0.20	U	0.20	0.20	mg/L			08/30/12 14:48	20
Trichloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 14:48	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/30/12 14:48*	*20*
Dibromofluoromethane	*91*		*70 - 130*		*08/30/12 14:48*	*20*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/30/12 14:48*	*20*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
Pyridine	0.25	U	0.25	0.25	mg/L		08/23/12 16:24	08/27/12 19:58	1
Hexachlorobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
2,4-Dinitrotoluene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
Cresols	0.10	U	0.10	0.10	mg/L		08/23/12 16:24	08/27/12 19:58	1
Hexachloroethane	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
Hexachlorobutadiene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		08/23/12 16:24	08/27/12 19:58	1

Client Sample ID: AOC 32-6
Date Collected: 08/21/12 09:20
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-6
Matrix: Solid

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
2,4,5-Trichlorophenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
Nitrobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
2-Methylphenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1
3 & 4 Methylphenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*38 - 130*	*08/23/12 16:24*	*08/27/12 19:58*	*1*
2-Fluorophenol	*66*		*25 - 130*	*08/23/12 16:24*	*08/27/12 19:58*	*1*
Nitrobenzene-d5	*70*		*39 - 130*	*08/23/12 16:24*	*08/27/12 19:58*	*1*
Phenol-d5	*69*		*25 - 130*	*08/23/12 16:24*	*08/27/12 19:58*	*1*
Terphenyl-d14	*73*		*10 - 143*	*08/23/12 16:24*	*08/27/12 19:58*	*1*
2,4,6-Tribromophenol	*74*		*31 - 141*	*08/23/12 16:24*	*08/27/12 19:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	**7.2**		3.8	2.4	mg/Kg	☼	08/23/12 15:05	08/24/12 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*56 - 135*	*08/23/12 15:05*	*08/24/12 15:57*	*1*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	15	U	15	1.1	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
4,4'-DDE	15	U	15	0.87	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
4,4'-DDT	**6.9**	**J p**	15	1.0	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Aldrin	7.8	U	7.8	2.1	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
alpha-BHC	7.8	U	7.8	0.50	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
beta-BHC	7.8	U	7.8	0.50	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
delta-BHC	7.8	U	7.8	0.59	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Dieldrin	15	U	15	1.3	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Endosulfan I	7.8	U	7.8	0.68	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Endosulfan II	15	U	15	1.0	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Endosulfan sulfate	15	U	15	1.1	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Endrin	15	U	15	3.3	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Endrin aldehyde	15	U	15	1.4	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Endrin ketone	15	U	15	1.2	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
gamma-BHC (Lindane)	7.8	U	7.8	0.50	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Heptachlor	7.8	U	7.8	0.38	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Heptachlor epoxide	7.8	U	7.8	0.64	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Methoxychlor	15	U	15	1.6	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Chlordane (technical)	78	U	78	13	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
PCB-1016	150	U	150	13	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
PCB-1221	310	U	310	22	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
PCB-1232	150	U	150	15	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
PCB-1242	150	U	150	13	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
PCB-1248	**1400**		150	33	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
PCB-1254	150	U	150	10	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
PCB-1260	**270**		150	31	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4
Toxaphene	780	U	780	270	ug/Kg	☼	08/29/12 12:00	08/30/12 03:15	4

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-6
Date Collected: 08/21/12 09:20
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-6
Matrix: Solid
Percent Solids: 87.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*79*		*46 - 130*	*08/29/12 12:00*	*08/30/12 03:15*	*4*
Tetrachloro-m-xylene	*86*		*46 - 130*	*08/29/12 12:00*	*08/30/12 03:15*	*4*
DCB Decachlorobiphenyl	*69*		*54 - 133*	*08/29/12 12:00*	*08/30/12 03:15*	*4*
DCB Decachlorobiphenyl	*73*		*54 - 133*	*08/29/12 12:00*	*08/30/12 03:15*	*4*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	8.3	U	8.3	5.0	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
2,4-DB	8.3	U	8.3	3.0	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
2,4,5-T	8.3	U	8.3	2.3	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
Silvex (2,4,5-TP)	8.3	U	8.3	1.6	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
Dalapon	330	U	330	2.9	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
Dicamba	8.3	U	8.3	1.9	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
Dichlorprop	8.3	U	8.3	1.1	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
Dinoseb	100	U	100	4.6	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
MCPA	2000	U	2000	190	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
Mecoprop	2000	U	2000	170	ug/Kg		08/23/12 15:18	08/28/12 12:04	1
Pentachlorophenol	8.3	U	8.3	0.42	ug/Kg		08/23/12 15:18	08/28/12 12:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	*75*		*35 - 137*	*08/23/12 15:18*	*08/28/12 12:04*	*1*
DCAA	*87*		*35 - 137*	*08/23/12 15:18*	*08/28/12 12:04*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 13:21	1
Silver	0.10	U	0.10	0.10	mg/L		08/25/12 06:40	08/27/12 13:21	1
Arsenic	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 13:21	1
Barium	1.0	U	1.0	1.0	mg/L		08/25/12 06:40	08/27/12 13:21	1
Cadmium	0.10	U	0.10	0.10	mg/L		08/25/12 06:40	08/27/12 13:21	1
Chromium	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 13:21	1
Selenium	0.50	U	0.50	0.50	mg/L		08/25/12 06:40	08/27/12 13:21	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		08/23/12 13:11	08/24/12 19:10	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**NB**				mm/sec			08/22/12 14:07	1
pH	**7.33**				SU			08/27/12 15:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.88**		0.56	0.23	mg/Kg	☼	08/28/12 07:00	08/28/12 12:40	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	69	U	69	69	mg/Kg	☼	08/29/12 08:55	08/29/12 12:49	1

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-1A
Date Collected: 08/22/12 16:00
Date Received: 08/23/12 10:00

Lab Sample ID: 680-82232-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	100	U	100	25	ug/L			08/28/12 18:49	100
Chloromethane	100	U	100	33	ug/L			08/28/12 18:49	100
Vinyl chloride	**8000**		100	18	ug/L			08/28/12 18:49	100
Bromomethane	100	U	100	80	ug/L			08/28/12 18:49	100
Chloroethane	100	U	100	100	ug/L			08/28/12 18:49	100
Trichlorofluoromethane	100	U	100	25	ug/L			08/28/12 18:49	100
1,1-Dichloroethene	**33**	**J**	100	11	ug/L			08/28/12 18:49	100
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	50	ug/L			08/28/12 18:49	100
Acetone	2500	U	2500	500	ug/L			08/28/12 18:49	100
Carbon disulfide	200	U	200	60	ug/L			08/28/12 18:49	100
Methyl acetate	100	U	100	19	ug/L			08/28/12 18:49	100
Methylene Chloride	500	U	500	100	ug/L			08/28/12 18:49	100
trans-1,2-Dichloroethene	**73**	**J**	100	20	ug/L			08/28/12 18:49	100
Methyl tert-butyl ether	1000	U	1000	20	ug/L			08/28/12 18:49	100
1,1-Dichloroethane	100	U	100	25	ug/L			08/28/12 18:49	100
cis-1,2-Dichloroethene	**17000**		100	15	ug/L			08/28/12 18:49	100
2-Butanone	1000	U	1000	100	ug/L			08/28/12 18:49	100
Chloroform	100	U	100	14	ug/L			08/28/12 18:49	100
1,1,1-Trichloroethane	100	U	100	50	ug/L			08/28/12 18:49	100
Cyclohexane	100	U	100	25	ug/L			08/28/12 18:49	100
Carbon tetrachloride	100	U	100	50	ug/L			08/28/12 18:49	100
Benzene	100	U	100	25	ug/L			08/28/12 18:49	100
1,2-Dichloroethane	100	U	100	10	ug/L			08/28/12 18:49	100
Trichloroethene	**170**		100	13	ug/L			08/28/12 18:49	100
Methylcyclohexane	100	U	100	10	ug/L			08/28/12 18:49	100
1,2-Dichloropropane	100	U	100	13	ug/L			08/28/12 18:49	100
Bromodichloromethane	100	U	100	25	ug/L			08/28/12 18:49	100
cis-1,3-Dichloropropene	100	U	100	11	ug/L			08/28/12 18:49	100
4-Methyl-2-pentanone	1000	U	1000	100	ug/L			08/28/12 18:49	100
Toluene	100	U	100	33	ug/L			08/28/12 18:49	100
trans-1,3-Dichloropropene	100	U	100	21	ug/L			08/28/12 18:49	100
1,1,2-Trichloroethane	100	U	100	13	ug/L			08/28/12 18:49	100
Tetrachloroethene	**140**		100	15	ug/L			08/28/12 18:49	100
2-Hexanone	1000	U	1000	100	ug/L			08/28/12 18:49	100
Dibromochloromethane	100	U	100	10	ug/L			08/28/12 18:49	100
1,2-Dibromoethane	100	U	100	25	ug/L			08/28/12 18:49	100
Chlorobenzene	100	U	100	25	ug/L			08/28/12 18:49	100
Ethylbenzene	100	U	100	11	ug/L			08/28/12 18:49	100
Xylenes, Total	200	U	200	20	ug/L			08/28/12 18:49	100
Styrene	100	U	100	11	ug/L			08/28/12 18:49	100
Bromoform	100	U	100	50	ug/L			08/28/12 18:49	100
Isopropylbenzene	100	U	100	10	ug/L			08/28/12 18:49	100
1,1,2,2-Tetrachloroethane	100	U	100	18	ug/L			08/28/12 18:49	100
1,3-Dichlorobenzene	100	U	100	25	ug/L			08/28/12 18:49	100
1,4-Dichlorobenzene	100	U	100	28	ug/L			08/28/12 18:49	100
1,2-Dichlorobenzene	100	U	100	21	ug/L			08/28/12 18:49	100
1,2-Dibromo-3-Chloropropane	100	U	100	44	ug/L			08/28/12 18:49	100
1,2,4-Trichlorobenzene	100	U	100	25	ug/L			08/28/12 18:49	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/28/12 18:49*	*100*

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-1A

Lab Sample ID: 680-82232-7

Date Collected: 08/22/12 16:00

Matrix: Water

Date Received: 08/23/12 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*98*		*70 - 130*		*08/28/12 18:49*	*100*
Dibromofluoromethane	*104*		*70 - 130*		*08/28/12 18:49*	*100*

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**1.3**		1.0	0.25	ug/L		08/24/12 09:51	08/24/12 20:07	1
Aluminum	**8600**		50	23	ug/L		08/24/12 09:51	08/24/12 20:07	1
Arsenic	**6.7**		2.5	1.3	ug/L		08/24/12 09:51	08/24/12 20:07	1
Barium	**85**		5.0	1.3	ug/L		08/24/12 09:51	08/24/12 20:07	1
Beryllium	**0.28**	**J**	0.50	0.25	ug/L		08/24/12 09:51	08/24/12 20:07	1
Calcium	**110000**		250	130	ug/L		08/24/12 09:51	08/24/12 20:07	1
Cadmium	**0.72**		0.50	0.095	ug/L		08/24/12 09:51	08/24/12 20:07	1
Cobalt	**2.9**		0.50	0.15	ug/L		08/24/12 09:51	08/24/12 20:07	1
Chromium	**20**		5.0	2.5	ug/L		08/24/12 09:51	08/24/12 20:07	1
Copper	**21**		5.0	1.1	ug/L		08/24/12 09:51	08/24/12 20:07	1
Iron	**15000**		100	33	ug/L		08/24/12 09:51	08/24/12 20:07	1
Potassium	**6000**		500	170	ug/L		08/24/12 09:51	08/24/12 20:07	1
Magnesium	**12000**		250	43	ug/L		08/24/12 09:51	08/24/12 20:07	1
Manganese	**850**		5.0	1.0	ug/L		08/24/12 09:51	08/24/12 20:07	1
Sodium	**14000**		500	250	ug/L		08/24/12 09:51	08/24/12 20:07	1
Nickel	**8.5**		5.0	2.0	ug/L		08/24/12 09:51	08/24/12 20:07	1
Lead	**22**		1.5	0.20	ug/L		08/24/12 09:51	08/24/12 20:07	1
Antimony	5.0	U	5.0	2.3	ug/L		08/24/12 09:51	08/24/12 20:07	1
Selenium	2.5	U	2.5	1.0	ug/L		08/24/12 09:51	08/24/12 20:07	1
Thallium	1.0	U	1.0	0.50	ug/L		08/24/12 09:51	08/24/12 20:07	1
Vanadium	**14**		10	3.8	ug/L		08/24/12 09:51	08/24/12 20:07	1
Zinc	**64**		20	8.3	ug/L		08/24/12 09:51	08/24/12 20:07	1
Mercury	0.80	U	0.80	0.40	ug/L		08/24/12 09:51	08/24/12 20:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.12**	**J**	0.20	0.091	ug/L		08/23/12 19:40	08/27/12 21:37	1

Client Sample ID: AOC 32-3A

Lab Sample ID: 680-82232-9

Date Collected: 08/22/12 16:20

Matrix: Water

Date Received: 08/23/12 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	10	U	10	2.5	ug/L			08/29/12 14:08	10
Chloromethane	10	U	10	3.3	ug/L			08/29/12 14:08	10
Vinyl chloride	10	U	10	1.8	ug/L			08/29/12 14:08	10
Bromomethane	10	U	10	8.0	ug/L			08/29/12 14:08	10
Chloroethane	10	U	10	10	ug/L			08/29/12 14:08	10
Trichlorofluoromethane	10	U	10	2.5	ug/L			08/29/12 14:08	10
1,1-Dichloroethene	10	U	10	1.1	ug/L			08/29/12 14:08	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	5.0	ug/L			08/29/12 14:08	10
Acetone	**92**	**J**	250	50	ug/L			08/29/12 14:08	10
Carbon disulfide	20	U	20	6.0	ug/L			08/29/12 14:08	10
Methyl acetate	10	U	10	1.9	ug/L			08/29/12 14:08	10
Methylene Chloride	50	U	50	10	ug/L			08/29/12 14:08	10

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-3A
Date Collected: 08/22/12 16:20
Date Received: 08/23/12 10:00

Lab Sample ID: 680-82232-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	**11**		10	2.0	ug/L			08/29/12 14:08	10
Methyl tert-butyl ether	100	U	100	2.0	ug/L			08/29/12 14:08	10
1,1-Dichloroethane	10	U	10	2.5	ug/L			08/29/12 14:08	10
cis-1,2-Dichloroethene	**1300**		10	1.5	ug/L			08/29/12 14:08	10
2-Butanone	100	U	100	10	ug/L			08/29/12 14:08	10
Chloroform	10	U	10	1.4	ug/L			08/29/12 14:08	10
1,1,1-Trichloroethane	10	U	10	5.0	ug/L			08/29/12 14:08	10
Cyclohexane	10	U	10	2.5	ug/L			08/29/12 14:08	10
Carbon tetrachloride	10	U	10	5.0	ug/L			08/29/12 14:08	10
Benzene	10	U	10	2.5	ug/L			08/29/12 14:08	10
1,2-Dichloroethane	10	U	10	1.0	ug/L			08/29/12 14:08	10
Trichloroethene	**16**		10	1.3	ug/L			08/29/12 14:08	10
Methylcyclohexane	10	U	10	1.0	ug/L			08/29/12 14:08	10
1,2-Dichloropropane	10	U	10	1.3	ug/L			08/29/12 14:08	10
Bromodichloromethane	10	U	10	2.5	ug/L			08/29/12 14:08	10
cis-1,3-Dichloropropene	10	U	10	1.1	ug/L			08/29/12 14:08	10
4-Methyl-2-pentanone	100	U	100	10	ug/L			08/29/12 14:08	10
Toluene	10	U	10	3.3	ug/L			08/29/12 14:08	10
trans-1,3-Dichloropropene	10	U	10	2.1	ug/L			08/29/12 14:08	10
1,1,2-Trichloroethane	10	U	10	1.3	ug/L			08/29/12 14:08	10
Tetrachloroethene	**9.7**	**J**	10	1.5	ug/L			08/29/12 14:08	10
2-Hexanone	100	U	100	10	ug/L			08/29/12 14:08	10
Dibromochloromethane	10	U	10	1.0	ug/L			08/29/12 14:08	10
1,2-Dibromoethane	10	U	10	2.5	ug/L			08/29/12 14:08	10
Chlorobenzene	10	U	10	2.5	ug/L			08/29/12 14:08	10
Ethylbenzene	10	U	10	1.1	ug/L			08/29/12 14:08	10
Xylenes, Total	20	U	20	2.0	ug/L			08/29/12 14:08	10
Styrene	10	U	10	1.1	ug/L			08/29/12 14:08	10
Bromoform	10	U	10	5.0	ug/L			08/29/12 14:08	10
Isopropylbenzene	10	U	10	1.0	ug/L			08/29/12 14:08	10
1,1,2,2-Tetrachloroethane	10	U	10	1.8	ug/L			08/29/12 14:08	10
1,3-Dichlorobenzene	10	U	10	2.5	ug/L			08/29/12 14:08	10
1,4-Dichlorobenzene	10	U	10	2.8	ug/L			08/29/12 14:08	10
1,2-Dichlorobenzene	10	U	10	2.1	ug/L			08/29/12 14:08	10
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/L			08/29/12 14:08	10
1,2,4-Trichlorobenzene	10	U	10	2.5	ug/L			08/29/12 14:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/29/12 14:08*	*10*
4-Bromofluorobenzene	*98*		*70 - 130*		*08/29/12 14:08*	*10*
Dibromofluoromethane	*98*		*70 - 130*		*08/29/12 14:08*	*10*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	12	U *	12	1.3	ug/L		08/27/12 15:44	08/28/12 22:11	1
Phenol	12	U	12	1.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
Bis(2-chloroethyl)ether	12	U	12	1.3	ug/L		08/27/12 15:44	08/28/12 22:11	1
2-Chlorophenol	12	U	12	1.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
2-Methylphenol	12	U	12	1.1	ug/L		08/27/12 15:44	08/28/12 22:11	1
bis (2-chloroisopropyl) ether	12	U	12	0.94	ug/L		08/27/12 15:44	08/28/12 22:11	1
Acetophenone	12	U	12	0.69	ug/L		08/27/12 15:44	08/28/12 22:11	1

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-3A
Date Collected: 08/22/12 16:20
Date Received: 08/23/12 10:00

Lab Sample ID: 680-82232-9
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	12	U	12	1.6	ug/L		08/27/12 15:44	08/28/12 22:11	1
N-Nitrosodi-n-propylamine	12	U	12	0.87	ug/L		08/27/12 15:44	08/28/12 22:11	1
Hexachloroethane	12	U	12	0.91	ug/L		08/27/12 15:44	08/28/12 22:11	1
Nitrobenzene	12	U	12	0.88	ug/L		08/27/12 15:44	08/28/12 22:11	1
Isophorone	12	U	12	1.1	ug/L		08/27/12 15:44	08/28/12 22:11	1
2-Nitrophenol	12	U	12	0.91	ug/L		08/27/12 15:44	08/28/12 22:11	1
2,4-Dimethylphenol	12	U	12	4.8	ug/L		08/27/12 15:44	08/28/12 22:11	1
Bis(2-chloroethoxy)methane	12	U	12	1.1	ug/L		08/27/12 15:44	08/28/12 22:11	1
2,4-Dichlorophenol	12	U	12	1.3	ug/L		08/27/12 15:44	08/28/12 22:11	1
Naphthalene	12	U	12	0.84	ug/L		08/27/12 15:44	08/28/12 22:11	1
4-Chloroaniline	24	U	24	2.6	ug/L		08/27/12 15:44	08/28/12 22:11	1
Hexachlorobutadiene	12	U	12	0.75	ug/L		08/27/12 15:44	08/28/12 22:11	1
Caprolactam	12	U	12	0.95	ug/L		08/27/12 15:44	08/28/12 22:11	1
4-Chloro-3-methylphenol	12	U	12	1.2	ug/L		08/27/12 15:44	08/28/12 22:11	1
2-Methylnaphthalene	12	U	12	0.94	ug/L		08/27/12 15:44	08/28/12 22:11	1
Hexachlorocyclopentadiene	12	U	12	3.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
2,4,6-Trichlorophenol	12	U	12	1.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
2,4,5-Trichlorophenol	12	U	12	1.4	ug/L		08/27/12 15:44	08/28/12 22:11	1
1,1'-Biphenyl	12	U	12	0.70	ug/L		08/27/12 15:44	08/28/12 22:11	1
2-Chloronaphthalene	12	U	12	0.96	ug/L		08/27/12 15:44	08/28/12 22:11	1
2-Nitroaniline	60	U	60	1.6	ug/L		08/27/12 15:44	08/28/12 22:11	1
Dimethyl phthalate	12	U	12	1.2	ug/L		08/27/12 15:44	08/28/12 22:11	1
2,6-Dinitrotoluene	12	U	12	1.3	ug/L		08/27/12 15:44	08/28/12 22:11	1
Acenaphthylene	12	U	12	1.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
3-Nitroaniline	60	U	60	6.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
Acenaphthene	12	U	12	0.91	ug/L		08/27/12 15:44	08/28/12 22:11	1
2,4-Dinitrophenol	60	U	60	12	ug/L		08/27/12 15:44	08/28/12 22:11	1
4-Nitrophenol	60	U	60	2.3	ug/L		08/27/12 15:44	08/28/12 22:11	1
Dibenzofuran	12	U	12	0.95	ug/L		08/27/12 15:44	08/28/12 22:11	1
2,4-Dinitrotoluene	12	U	12	1.4	ug/L		08/27/12 15:44	08/28/12 22:11	1
Diethyl phthalate	12	U	12	1.1	ug/L		08/27/12 15:44	08/28/12 22:11	1
Fluorene	12	U	12	1.2	ug/L		08/27/12 15:44	08/28/12 22:11	1
4-Chlorophenyl phenyl ether	12	U	12	1.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
4-Nitroaniline	60	U	60	6.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
4,6-Dinitro-2-methylphenol	60	U	60	12	ug/L		08/27/12 15:44	08/28/12 22:11	1
N-Nitrosodiphenylamine	12	U	12	1.1	ug/L		08/27/12 15:44	08/28/12 22:11	1
4-Bromophenyl phenyl ether	12	U	12	0.93	ug/L		08/27/12 15:44	08/28/12 22:11	1
Hexachlorobenzene	12	U	12	0.95	ug/L		08/27/12 15:44	08/28/12 22:11	1
Atrazine	12	U	12	1.4	ug/L		08/27/12 15:44	08/28/12 22:11	1
Pentachlorophenol	60	U	60	2.4	ug/L		08/27/12 15:44	08/28/12 22:11	1
Phenanthrene	12	U	12	0.93	ug/L		08/27/12 15:44	08/28/12 22:11	1
Anthracene	12	U	12	0.83	ug/L		08/27/12 15:44	08/28/12 22:11	1
Carbazole	12	U	12	0.85	ug/L		08/27/12 15:44	08/28/12 22:11	1
Di-n-butyl phthalate	12	U	12	1.0	ug/L		08/27/12 15:44	08/28/12 22:11	1
Fluoranthene	12	U	12	0.89	ug/L		08/27/12 15:44	08/28/12 22:11	1
Pyrene	12	U	12	0.76	ug/L		08/27/12 15:44	08/28/12 22:11	1
Butyl benzyl phthalate	12	U	12	1.4	ug/L		08/27/12 15:44	08/28/12 22:11	1
3,3'-Dichlorobenzidine	72	U	72	36	ug/L		08/27/12 15:44	08/28/12 22:11	1
Benzo[a]anthracene	12	U	12	0.66	ug/L		08/27/12 15:44	08/28/12 22:11	1
Chrysene	12	U	12	0.61	ug/L		08/27/12 15:44	08/28/12 22:11	1
Bis(2-ethylhexyl) phthalate	12	U	12	1.9	ug/L		08/27/12 15:44	08/28/12 22:11	1

Client Sample ID: AOC 32-3A
Date Collected: 08/22/12 16:20
Date Received: 08/23/12 10:00

Lab Sample ID: 680-82232-9
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	12	U	12	1.7	ug/L		08/27/12 15:44	08/28/12 22:11	1
Benzo[b]fluoranthene	12	U	12	3.1	ug/L		08/27/12 15:44	08/28/12 22:11	1
Benzo[k]fluoranthene	12	U	12	1.4	ug/L		08/27/12 15:44	08/28/12 22:11	1
Benzo[a]pyrene	12	U	12	0.85	ug/L		08/27/12 15:44	08/28/12 22:11	1
Indeno[1,2,3-cd]pyrene	12	U	12	1.2	ug/L		08/27/12 15:44	08/28/12 22:11	1
Dibenz(a,h)anthracene	12	U	12	1.2	ug/L		08/27/12 15:44	08/28/12 22:11	1
Benzo[g,h,i]perylene	12	U	12	1.0	ug/L		08/27/12 15:44	08/28/12 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*83*		*39 - 130*	*08/27/12 15:44*	*08/28/12 22:11*	*1*
2-Fluorobiphenyl	*84*		*38 - 130*	*08/27/12 15:44*	*08/28/12 22:11*	*1*
Terphenyl-d14	*25*		*10 - 143*	*08/27/12 15:44*	*08/28/12 22:11*	*1*
Phenol-d5	*71*		*25 - 130*	*08/27/12 15:44*	*08/28/12 22:11*	*1*
2-Fluorophenol	*78*		*25 - 130*	*08/27/12 15:44*	*08/28/12 22:11*	*1*
2,4,6-Tribromophenol	*91*		*31 - 141*	*08/27/12 15:44*	*08/28/12 22:11*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	**0.33**		0.11	0.053	mg/L		08/27/12 15:44	08/29/12 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*62*		*62 - 130*	*08/27/12 15:44*	*08/29/12 16:29*	*1*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.099	U	0.099	0.0064	ug/L		08/26/12 16:30	08/28/12 22:00	1
4,4'-DDE	0.099	U	0.099	0.0076	ug/L		08/26/12 16:30	08/28/12 22:00	1
4,4'-DDT	**0.042**	**J p**	0.099	0.0096	ug/L		08/26/12 16:30	08/28/12 22:00	1
Aldrin	0.049	U	0.049	0.0069	ug/L		08/26/12 16:30	08/28/12 22:00	1
alpha-BHC	0.049	U	0.049	0.0056	ug/L		08/26/12 16:30	08/28/12 22:00	1
beta-BHC	0.049	U	0.049	0.0066	ug/L		08/26/12 16:30	08/28/12 22:00	1
delta-BHC	0.049	U	0.049	0.0047	ug/L		08/26/12 16:30	08/28/12 22:00	1
Dieldrin	0.099	U	0.099	0.0090	ug/L		08/26/12 16:30	08/28/12 22:00	1
Endosulfan I	0.049	U	0.049	0.0042	ug/L		08/26/12 16:30	08/28/12 22:00	1
Endosulfan II	0.099	U	0.099	0.0097	ug/L		08/26/12 16:30	08/28/12 22:00	1
Endosulfan sulfate	0.099	U	0.099	0.0067	ug/L		08/26/12 16:30	08/28/12 22:00	1
Endrin	0.099	U	0.099	0.0096	ug/L		08/26/12 16:30	08/28/12 22:00	1
Endrin aldehyde	0.099	U	0.099	0.016	ug/L		08/26/12 16:30	08/28/12 22:00	1
Endrin ketone	0.099	U	0.099	0.0083	ug/L		08/26/12 16:30	08/28/12 22:00	1
gamma-BHC (Lindane)	0.049	U	0.049	0.0058	ug/L		08/26/12 16:30	08/28/12 22:00	1
Heptachlor	0.049	U	0.049	0.0069	ug/L		08/26/12 16:30	08/28/12 22:00	1
Heptachlor epoxide	0.049	U	0.049	0.0059	ug/L		08/26/12 16:30	08/28/12 22:00	1
Methoxychlor	0.099	U	0.099	0.013	ug/L		08/26/12 16:30	08/28/12 22:00	1
Chlordane (technical)	0.49	U	0.49	0.099	ug/L		08/26/12 16:30	08/28/12 22:00	1
PCB-1016	0.99	U	0.99	0.070	ug/L		08/26/12 16:30	08/28/12 22:00	1
PCB-1221	2.0	U	2.0	0.28	ug/L		08/26/12 16:30	08/28/12 22:00	1
PCB-1232	0.99	U	0.99	0.11	ug/L		08/26/12 16:30	08/28/12 22:00	1
PCB-1242	0.99	U	0.99	0.18	ug/L		08/26/12 16:30	08/28/12 22:00	1
PCB-1248	**12**		0.99	0.36	ug/L		08/26/12 16:30	08/28/12 22:00	1
PCB-1254	0.99	U	0.99	0.26	ug/L		08/26/12 16:30	08/28/12 22:00	1
PCB-1260	**1.9**		0.99	0.20	ug/L		08/26/12 16:30	08/28/12 22:00	1
Toxaphene	4.9	U	4.9	0.49	ug/L		08/26/12 16:30	08/28/12 22:00	1

Client Sample ID: AOC 32-3A
Date Collected: 08/22/12 16:20
Date Received: 08/23/12 10:00

Lab Sample ID: 680-82232-9
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*53 - 130*	*08/26/12 16:30*	*08/28/12 22:00*	*1*
Tetrachloro-m-xylene	*71*		*53 - 130*	*08/26/12 16:30*	*08/28/12 22:00*	*1*
DCB Decachlorobiphenyl	*29*		*22 - 130*	*08/26/12 16:30*	*08/28/12 22:00*	*1*
DCB Decachlorobiphenyl	*33*		*22 - 130*	*08/26/12 16:30*	*08/28/12 22:00*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.54	U	0.54	0.040	ug/L		08/27/12 08:32	08/29/12 17:33	1
2,4-DB	0.54	U	0.54	0.16	ug/L		08/27/12 08:32	08/29/12 17:33	1
2,4,5-T	0.54	U	0.54	0.067	ug/L		08/27/12 08:32	08/29/12 17:33	1
Silvex (2,4,5-TP)	0.54	U	0.54	0.067	ug/L		08/27/12 08:32	08/29/12 17:33	1
Dalapon	11	U	11	0.11	ug/L		08/27/12 08:32	08/29/12 17:33	1
Dicamba	0.54	U	0.54	0.091	ug/L		08/27/12 08:32	08/29/12 17:33	1
Dichlorprop	0.54	U	0.54	0.16	ug/L		08/27/12 08:32	08/29/12 17:33	1
Dinoseb	6.4	U	6.4	0.17	ug/L		08/27/12 08:32	08/29/12 17:33	1
MCPA	130	U	130	18	ug/L		08/27/12 08:32	08/29/12 17:33	1
Mecoprop	130	U	130	20	ug/L		08/27/12 08:32	08/29/12 17:33	1
Pentachlorophenol	**0.16**	**J**	0.27	0.040	ug/L		08/27/12 08:32	08/29/12 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*77*	*p*	*52 - 151*	*08/27/12 08:32*	*08/29/12 17:33*	*1*
DCAA	*277*	*E X*	*52 - 151*	*08/27/12 08:32*	*08/29/12 17:33*	*1*

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**14**		1.0	0.25	ug/L		08/24/12 09:51	08/24/12 20:22	1
Aluminum	**23000**		50	23	ug/L		08/24/12 09:51	08/24/12 20:22	1
Arsenic	**10**		2.5	1.3	ug/L		08/24/12 09:51	08/24/12 20:22	1
Barium	**69**		5.0	1.3	ug/L		08/24/12 09:51	08/24/12 20:22	1
Beryllium	**0.61**		0.50	0.25	ug/L		08/24/12 09:51	08/24/12 20:22	1
Calcium	**16000**		250	130	ug/L		08/24/12 09:51	08/24/12 20:22	1
Cadmium	**2.6**		0.50	0.095	ug/L		08/24/12 09:51	08/24/12 20:22	1
Cobalt	**5.6**		0.50	0.15	ug/L		08/24/12 09:51	08/24/12 20:22	1
Chromium	**79**		5.0	2.5	ug/L		08/24/12 09:51	08/24/12 20:22	1
Copper	**86**		5.0	1.1	ug/L		08/24/12 09:51	08/24/12 20:22	1
Iron	**20000**		100	33	ug/L		08/24/12 09:51	08/24/12 20:22	1
Potassium	**8100**		500	170	ug/L		08/24/12 09:51	08/24/12 20:22	1
Magnesium	**3300**		250	43	ug/L		08/24/12 09:51	08/24/12 20:22	1
Manganese	**300**		5.0	1.0	ug/L		08/24/12 09:51	08/24/12 20:22	1
Sodium	**16000**		500	250	ug/L		08/24/12 09:51	08/24/12 20:22	1
Nickel	**40**		5.0	2.0	ug/L		08/24/12 09:51	08/24/12 20:22	1
Lead	**55**		1.5	0.20	ug/L		08/24/12 09:51	08/24/12 20:22	1
Antimony	5.0	U	5.0	2.3	ug/L		08/24/12 09:51	08/24/12 20:22	1
Selenium	**1.2**	**J**	2.5	1.0	ug/L		08/24/12 09:51	08/24/12 20:22	1
Thallium	1.0	U	1.0	0.50	ug/L		08/24/12 09:51	08/24/12 20:22	1
Vanadium	**36**		10	3.8	ug/L		08/24/12 09:51	08/24/12 20:22	1
Zinc	**110**		20	8.3	ug/L		08/24/12 09:51	08/24/12 20:22	1
Mercury	0.80	U	0.80	0.40	ug/L		08/24/12 09:51	08/24/12 20:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.092**	**J**	0.20	0.091	ug/L		08/23/12 19:40	08/27/12 21:28	1

Client Sample Results

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-3A
Date Collected: 08/22/12 16:20
Date Received: 08/23/12 10:00

Lab Sample ID: 680-82232-9
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.93	H			SU			08/28/12 18:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			08/29/12 14:51	1

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-248007/6
Matrix: Water
Analysis Batch: 248007

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
Chloromethane	1.0	U	1.0	0.33	ug/L			08/28/12 11:55	1
Bromomethane	1.0	U	1.0	0.80	ug/L			08/28/12 11:55	1
Chloroethane	1.0	U	1.0	1.0	ug/L			08/28/12 11:55	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			08/28/12 11:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.50	ug/L			08/28/12 11:55	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			08/28/12 11:55	1
Acetone	25	U	25	5.0	ug/L			08/28/12 11:55	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			08/28/12 11:55	1
Methyl acetate	1.0	U	1.0	0.19	ug/L			08/28/12 11:55	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			08/28/12 11:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			08/28/12 11:55	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			08/28/12 11:55	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			08/28/12 11:55	1
2-Butanone	10	U	10	1.0	ug/L			08/28/12 11:55	1
Chloroform	1.0	U	1.0	0.14	ug/L			08/28/12 11:55	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			08/28/12 11:55	1
Cyclohexane	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			08/28/12 11:55	1
Benzene	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			08/28/12 11:55	1
Trichloroethene	1.0	U	1.0	0.13	ug/L			08/28/12 11:55	1
Methylcyclohexane	1.0	U	1.0	0.10	ug/L			08/28/12 11:55	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			08/28/12 11:55	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			08/28/12 11:55	1
4-Methyl-2-pentanone	10	U	10	1.0	ug/L			08/28/12 11:55	1
Toluene	1.0	U	1.0	0.33	ug/L			08/28/12 11:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			08/28/12 11:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			08/28/12 11:55	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			08/28/12 11:55	1
2-Hexanone	10	U	10	1.0	ug/L			08/28/12 11:55	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			08/28/12 11:55	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			08/28/12 11:55	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			08/28/12 11:55	1
Styrene	1.0	U	1.0	0.11	ug/L			08/28/12 11:55	1
Bromoform	1.0	U	1.0	0.50	ug/L			08/28/12 11:55	1
Isopropylbenzene	1.0	U	1.0	0.10	ug/L			08/28/12 11:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			08/28/12 11:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			08/28/12 11:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/28/12 11:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			08/28/12 11:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.25	ug/L			08/28/12 11:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-248007/6
Matrix: Water
Analysis Batch: 248007

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		70 - 130		08/28/12 11:55	1
4-Bromofluorobenzene	101		70 - 130		08/28/12 11:55	1
Dibromofluoromethane	104		70 - 130		08/28/12 11:55	1

Lab Sample ID: LCS 680-248007/4
Matrix: Water
Analysis Batch: 248007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	55.9		ug/L		112	44 - 146
Chloromethane	50.0	47.5		ug/L		95	70 - 130
Bromomethane	50.0	40.7		ug/L		81	23 - 165
Chloroethane	50.0	44.1		ug/L		88	56 - 152
Trichlorofluoromethane	50.0	56.0		ug/L		112	55 - 156
Vinyl chloride	25.0	24.7		ug/L		99	67 - 134
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.4		ug/L		105	60 - 135
1,1-Dichloroethene	50.0	52.7		ug/L		105	66 - 131
Acetone	100	100		ug/L		100	26 - 180
Carbon disulfide	50.0	49.4		ug/L		99	54 - 132
Methyl acetate	50.0	59.9		ug/L		120	70 - 130
Methylene Chloride	50.0	50.5		ug/L		101	67 - 130
trans-1,2-Dichloroethene	50.0	52.2		ug/L		104	70 - 130
Methyl tert-butyl ether	100	101		ug/L		101	64 - 131
1,1-Dichloroethane	50.0	52.8		ug/L		106	70 - 130
cis-1,2-Dichloroethene	50.0	52.1		ug/L		104	70 - 130
2-Butanone	100	104		ug/L		104	49 - 172
Chloroform	50.0	52.2		ug/L		104	70 - 130
1,1,1-Trichloroethane	50.0	46.1		ug/L		92	70 - 130
Cyclohexane	50.0	49.4		ug/L		99	70 - 132
Carbon tetrachloride	50.0	44.3		ug/L		89	70 - 130
Benzene	50.0	53.2		ug/L		106	70 - 130
1,2-Dichloroethane	50.0	50.9		ug/L		102	70 - 130
Trichloroethene	50.0	51.7		ug/L		103	70 - 130
Methylcyclohexane	50.0	56.1		ug/L		112	70 - 134
1,2-Dichloropropane	50.0	54.5		ug/L		109	70 - 130
Bromodichloromethane	50.0	57.2		ug/L		114	70 - 130
cis-1,3-Dichloropropene	50.0	50.5		ug/L		101	70 - 130
4-Methyl-2-pentanone	100	112		ug/L		112	70 - 130
Toluene	50.0	54.5		ug/L		109	70 - 130
trans-1,3-Dichloropropene	50.0	49.8		ug/L		100	70 - 130
1,1,2-Trichloroethane	50.0	54.6		ug/L		109	70 - 130
Tetrachloroethene	50.0	50.0		ug/L		100	70 - 130
2-Hexanone	100	107		ug/L		107	42 - 185
Dibromochloromethane	50.0	45.8		ug/L		92	70 - 130
1,2-Dibromoethane	50.0	55.0		ug/L		110	70 - 130
Chlorobenzene	50.0	51.0		ug/L		102	70 - 130
Ethylbenzene	50.0	52.3		ug/L		105	70 - 130
Xylenes, Total	150	152		ug/L		101	70 - 130
Styrene	50.0	48.1		ug/L		96	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-248007/4
Matrix: Water
Analysis Batch: 248007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	51.8		ug/L		104	70 - 130
Isopropylbenzene	50.0	45.9		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.4		ug/L		109	70 - 130
1,3-Dichlorobenzene	50.0	51.2		ug/L		102	70 - 130
1,4-Dichlorobenzene	50.0	51.5		ug/L		103	70 - 130
1,2-Dichlorobenzene	50.0	51.5		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	40.5		ug/L		81	70 - 130
1,2,4-Trichlorobenzene	50.0	53.0		ug/L		106	65 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene	*106*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*

Lab Sample ID: LCSD 680-248007/5
Matrix: Water
Analysis Batch: 248007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	56.5		ug/L		113	44 - 146	1	50
Chloromethane	50.0	47.5		ug/L		95	70 - 130	0	30
Bromomethane	50.0	34.7		ug/L		69	23 - 165	16	50
Chloroethane	50.0	46.1		ug/L		92	56 - 152	4	40
Trichlorofluoromethane	50.0	56.9		ug/L		114	55 - 156	2	30
Vinyl chloride	25.0	24.6		ug/L		99	67 - 134	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.1		ug/L		104	60 - 135	0	30
1,1-Dichloroethene	50.0	52.9		ug/L		106	66 - 131	0	30
Acetone	100	99.5		ug/L		100	26 - 180	1	50
Carbon disulfide	50.0	50.1		ug/L		100	54 - 132	1	30
Methyl acetate	50.0	60.5		ug/L		121	70 - 130	1	30
Methylene Chloride	50.0	51.2		ug/L		102	67 - 130	1	30
trans-1,2-Dichloroethene	50.0	53.0		ug/L		106	70 - 130	1	30
Methyl tert-butyl ether	100	103		ug/L		103	64 - 131	2	30
1,1-Dichloroethane	50.0	53.2		ug/L		106	70 - 130	1	30
cis-1,2-Dichloroethene	50.0	52.5		ug/L		105	70 - 130	1	30
2-Butanone	100	106		ug/L		106	49 - 172	2	30
Chloroform	50.0	52.2		ug/L		104	70 - 130	0	30
1,1,1-Trichloroethane	50.0	44.3		ug/L		89	70 - 130	4	30
Cyclohexane	50.0	47.2		ug/L		94	70 - 132	5	30
Carbon tetrachloride	50.0	42.6		ug/L		85	70 - 130	4	30
Benzene	50.0	50.9		ug/L		102	70 - 130	5	30
1,2-Dichloroethane	50.0	48.3		ug/L		97	70 - 130	5	30
Trichloroethene	50.0	49.9		ug/L		100	70 - 130	4	30
Methylcyclohexane	50.0	53.4		ug/L		107	70 - 134	5	30
1,2-Dichloropropane	50.0	53.0		ug/L		106	70 - 130	3	30
Bromodichloromethane	50.0	54.5		ug/L		109	70 - 130	5	30
cis-1,3-Dichloropropene	50.0	48.4		ug/L		97	70 - 130	4	30
4-Methyl-2-pentanone	100	109		ug/L		109	70 - 130	3	30
Toluene	50.0	52.5		ug/L		105	70 - 130	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-248007/5
Matrix: Water
Analysis Batch: 248007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			50.0	46.7		ug/L		93	70 - 130	6	50
1,1,2-Trichloroethane			50.0	52.7		ug/L		105	70 - 130	3	30
Tetrachloroethene			50.0	50.4		ug/L		101	70 - 130	1	30
2-Hexanone			100	108		ug/L		108	42 - 185	1	30
Dibromochloromethane			50.0	45.0		ug/L		90	70 - 130	2	50
1,2-Dibromoethane			50.0	52.9		ug/L		106	70 - 130	4	30
Chlorobenzene			50.0	51.2		ug/L		102	70 - 130	0	30
Ethylbenzene			50.0	53.0		ug/L		106	70 - 130	1	30
Xylenes, Total			150	152		ug/L		102	70 - 130	0	30
Styrene			50.0	48.3		ug/L		97	70 - 130	0	30
Bromoform			50.0	51.5		ug/L		103	70 - 130	0	30
Isopropylbenzene			50.0	46.6		ug/L		93	70 - 130	2	30
1,1,2,2-Tetrachloroethane			50.0	54.6		ug/L		109	70 - 130	0	30
1,3-Dichlorobenzene			50.0	51.9		ug/L		104	70 - 130	1	30
1,4-Dichlorobenzene			50.0	51.4		ug/L		103	70 - 130	0	30
1,2-Dichlorobenzene			50.0	51.4		ug/L		103	70 - 130	0	30
1,2-Dibromo-3-Chloropropane			50.0	41.2		ug/L		82	70 - 130	2	50
1,2,4-Trichlorobenzene			50.0	53.6		ug/L		107	65 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*

Lab Sample ID: MB 680-248138/6
Matrix: Water
Analysis Batch: 248138

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1
Chloromethane	1.0	U	1.0	0.33	ug/L			08/29/12 12:04	1
Bromomethane	1.0	U	1.0	0.80	ug/L			08/29/12 12:04	1
Chloroethane	1.0	U	1.0	1.0	ug/L			08/29/12 12:04	1
Trichlorofluoromethane	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1
Vinyl chloride	1.0	U	1.0	0.18	ug/L			08/29/12 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.50	ug/L			08/29/12 12:04	1
1,1-Dichloroethene	1.0	U	1.0	0.11	ug/L			08/29/12 12:04	1
Acetone	25	U	25	5.0	ug/L			08/29/12 12:04	1
Carbon disulfide	2.0	U	2.0	0.60	ug/L			08/29/12 12:04	1
Methyl acetate	1.0	U	1.0	0.19	ug/L			08/29/12 12:04	1
Methylene Chloride	5.0	U	5.0	1.0	ug/L			08/29/12 12:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			08/29/12 12:04	1
Methyl tert-butyl ether	10	U	10	0.20	ug/L			08/29/12 12:04	1
1,1-Dichloroethane	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.15	ug/L			08/29/12 12:04	1
2-Butanone	10	U	10	1.0	ug/L			08/29/12 12:04	1
Chloroform	1.0	U	1.0	0.14	ug/L			08/29/12 12:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.50	ug/L			08/29/12 12:04	1
Cyclohexane	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-248138/6
Matrix: Water
Analysis Batch: 248138

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.50	ug/L			08/29/12 12:04	1
Benzene	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1
1,2-Dichloroethane	1.0	U	1.0	0.10	ug/L			08/29/12 12:04	1
Trichloroethene	1.0	U	1.0	0.13	ug/L			08/29/12 12:04	1
Methylcyclohexane	1.0	U	1.0	0.10	ug/L			08/29/12 12:04	1
1,2-Dichloropropane	1.0	U	1.0	0.13	ug/L			08/29/12 12:04	1
Bromodichloromethane	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.11	ug/L			08/29/12 12:04	1
4-Methyl-2-pentanone	10	U	10	1.0	ug/L			08/29/12 12:04	1
Toluene	1.0	U	1.0	0.33	ug/L			08/29/12 12:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.21	ug/L			08/29/12 12:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.13	ug/L			08/29/12 12:04	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			08/29/12 12:04	1
2-Hexanone	10	U	10	1.0	ug/L			08/29/12 12:04	1
Dibromochloromethane	1.0	U	1.0	0.10	ug/L			08/29/12 12:04	1
1,2-Dibromoethane	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1
Ethylbenzene	1.0	U	1.0	0.11	ug/L			08/29/12 12:04	1
Xylenes, Total	2.0	U	2.0	0.20	ug/L			08/29/12 12:04	1
Styrene	1.0	U	1.0	0.11	ug/L			08/29/12 12:04	1
Bromoform	1.0	U	1.0	0.50	ug/L			08/29/12 12:04	1
Isopropylbenzene	1.0	U	1.0	0.10	ug/L			08/29/12 12:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			08/29/12 12:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			08/29/12 12:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			08/29/12 12:04	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.44	ug/L			08/29/12 12:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.25	ug/L			08/29/12 12:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/29/12 12:04*	*1*
4-Bromofluorobenzene	*99*		*70 - 130*		*08/29/12 12:04*	*1*
Dibromofluoromethane	*103*		*70 - 130*		*08/29/12 12:04*	*1*

Lab Sample ID: LCS 680-248138/4
Matrix: Water
Analysis Batch: 248138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	53.0		ug/L		106	44 - 146
Chloromethane	50.0	45.0		ug/L		90	70 - 130
Bromomethane	50.0	31.9		ug/L		64	23 - 165
Chloroethane	50.0	43.4		ug/L		87	56 - 152
Trichlorofluoromethane	50.0	57.6		ug/L		115	55 - 156
Vinyl chloride	25.0	22.8		ug/L		91	67 - 134
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.5		ug/L		105	60 - 135
1,1-Dichloroethene	50.0	53.5		ug/L		107	66 - 131
Acetone	100	107		ug/L		107	26 - 180
Carbon disulfide	50.0	50.6		ug/L		101	54 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-248138/4
Matrix: Water
Analysis Batch: 248138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	61.2		ug/L		122	70 - 130
Methylene Chloride	50.0	53.8		ug/L		108	67 - 130
trans-1,2-Dichloroethene	50.0	54.0		ug/L		108	70 - 130
Methyl tert-butyl ether	100	107		ug/L		107	64 - 131
1,1-Dichloroethane	50.0	55.3		ug/L		111	70 - 130
cis-1,2-Dichloroethene	50.0	54.4		ug/L		109	70 - 130
2-Butanone	100	111		ug/L		111	49 - 172
Chloroform	50.0	53.6		ug/L		107	70 - 130
1,1,1-Trichloroethane	50.0	47.1		ug/L		94	70 - 130
Cyclohexane	50.0	50.7		ug/L		101	70 - 132
Carbon tetrachloride	50.0	45.4		ug/L		91	70 - 130
Benzene	50.0	54.7		ug/L		109	70 - 130
1,2-Dichloroethane	50.0	52.3		ug/L		105	70 - 130
Trichloroethene	50.0	52.5		ug/L		105	70 - 130
Methylcyclohexane	50.0	57.3		ug/L		115	70 - 134
1,2-Dichloropropane	50.0	56.5		ug/L		113	70 - 130
Bromodichloromethane	50.0	59.0		ug/L		118	70 - 130
cis-1,3-Dichloropropene	50.0	51.9		ug/L		104	70 - 130
4-Methyl-2-pentanone	100	116		ug/L		116	70 - 130
Toluene	50.0	55.3		ug/L		111	70 - 130
trans-1,3-Dichloropropene	50.0	50.9		ug/L		102	70 - 130
1,1,2-Trichloroethane	50.0	56.8		ug/L		114	70 - 130
Tetrachloroethene	50.0	49.7		ug/L		99	70 - 130
2-Hexanone	100	109		ug/L		109	42 - 185
Dibromochloromethane	50.0	46.2		ug/L		92	70 - 130
1,2-Dibromoethane	50.0	56.6		ug/L		113	70 - 130
Chlorobenzene	50.0	50.5		ug/L		101	70 - 130
Ethylbenzene	50.0	51.9		ug/L		104	70 - 130
Xylenes, Total	150	152		ug/L		101	70 - 130
Styrene	50.0	48.0		ug/L		96	70 - 130
Bromoform	50.0	52.4		ug/L		105	70 - 130
Isopropylbenzene	50.0	45.2		ug/L		90	70 - 130
1,1,2,2-Tetrachloroethane	50.0	55.1		ug/L		110	70 - 130
1,3-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 130
1,4-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 130
1,2-Dichlorobenzene	50.0	51.3		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	41.9		ug/L		84	70 - 130
1,2,4-Trichlorobenzene	50.0	52.6		ug/L		105	65 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene	*105*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-248138/5
Matrix: Water
Analysis Batch: 248138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	51.5		ug/L		103	44 - 146	3	50
Chloromethane	50.0	44.3		ug/L		89	70 - 130	2	30
Bromomethane	50.0	33.8		ug/L		68	23 - 165	6	50
Chloroethane	50.0	42.1		ug/L		84	56 - 152	3	40
Trichlorofluoromethane	50.0	54.0		ug/L		108	55 - 156	6	30
Vinyl chloride	25.0	22.5		ug/L		90	67 - 134	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.5		ug/L		103	60 - 135	2	30
1,1-Dichloroethene	50.0	54.3		ug/L		109	66 - 131	1	30
Acetone	100	103		ug/L		103	26 - 180	4	50
Carbon disulfide	50.0	50.4		ug/L		101	54 - 132	0	30
Methyl acetate	50.0	60.3		ug/L		121	70 - 130	1	30
Methylene Chloride	50.0	53.6		ug/L		107	67 - 130	0	30
trans-1,2-Dichloroethene	50.0	54.3		ug/L		109	70 - 130	1	30
Methyl tert-butyl ether	100	106		ug/L		106	64 - 131	1	30
1,1-Dichloroethane	50.0	55.3		ug/L		111	70 - 130	0	30
cis-1,2-Dichloroethene	50.0	54.9		ug/L		110	70 - 130	1	30
2-Butanone	100	107		ug/L		107	49 - 172	3	30
Chloroform	50.0	53.7		ug/L		107	70 - 130	0	30
1,1,1-Trichloroethane	50.0	46.1		ug/L		92	70 - 130	2	30
Cyclohexane	50.0	49.8		ug/L		100	70 - 132	2	30
Carbon tetrachloride	50.0	44.6		ug/L		89	70 - 130	2	30
Benzene	50.0	53.7		ug/L		107	70 - 130	2	30
1,2-Dichloroethane	50.0	51.2		ug/L		102	70 - 130	2	30
Trichloroethene	50.0	53.3		ug/L		107	70 - 130	1	30
Methylcyclohexane	50.0	55.8		ug/L		112	70 - 134	3	30
1,2-Dichloropropane	50.0	55.4		ug/L		111	70 - 130	2	30
Bromodichloromethane	50.0	57.5		ug/L		115	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	51.1		ug/L		102	70 - 130	2	30
4-Methyl-2-pentanone	100	113		ug/L		113	70 - 130	3	30
Toluene	50.0	54.7		ug/L		109	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	49.1		ug/L		98	70 - 130	4	50
1,1,2-Trichloroethane	50.0	55.4		ug/L		111	70 - 130	2	30
Tetrachloroethene	50.0	49.6		ug/L		99	70 - 130	0	30
2-Hexanone	100	109		ug/L		109	42 - 185	0	30
Dibromochloromethane	50.0	45.9		ug/L		92	70 - 130	1	50
1,2-Dibromoethane	50.0	55.4		ug/L		111	70 - 130	2	30
Chlorobenzene	50.0	50.8		ug/L		102	70 - 130	1	30
Ethylbenzene	50.0	52.8		ug/L		106	70 - 130	2	30
Xylenes, Total	150	153		ug/L		102	70 - 130	1	30
Styrene	50.0	47.8		ug/L		96	70 - 130	0	30
Bromoform	50.0	51.4		ug/L		103	70 - 130	2	30
Isopropylbenzene	50.0	45.6		ug/L		91	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	54.9		ug/L		110	70 - 130	0	30
1,3-Dichlorobenzene	50.0	51.1		ug/L		102	70 - 130	1	30
1,4-Dichlorobenzene	50.0	50.8		ug/L		102	70 - 130	0	30
1,2-Dichlorobenzene	50.0	51.2		ug/L		102	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	50.0	40.6		ug/L		81	70 - 130	3	50
1,2,4-Trichlorobenzene	50.0	52.7		ug/L		105	65 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-248138/5
Matrix: Water
Analysis Batch: 248138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	106		70 - 130
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane	106		70 - 130

Lab Sample ID: MB 680-248326/7
Matrix: Solid
Analysis Batch: 248326

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1
1,1-Dichloroethene	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1
2-Butanone	0.010	U	0.010	0.010	mg/L			08/30/12 13:19	1
Chloroform	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1
Carbon tetrachloride	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1
Benzene	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1
1,2-Dichloroethane	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1
Trichloroethene	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1
Tetrachloroethene	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1
Chlorobenzene	0.0010	U	0.0010	0.0010	mg/L			08/30/12 13:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		70 - 130		08/30/12 13:19	1
4-Bromofluorobenzene	92		70 - 130		08/30/12 13:19	1
Dibromofluoromethane	95		70 - 130		08/30/12 13:19	1

Lab Sample ID: LCS 680-248326/4
Matrix: Solid
Analysis Batch: 248326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	0.0250	0.0207		mg/L		83	67 - 134
1,1-Dichloroethene	0.0500	0.0488		mg/L		98	66 - 131
2-Butanone	0.100	0.0992		mg/L		99	49 - 172
Chloroform	0.0500	0.0471		mg/L		94	70 - 130
Carbon tetrachloride	0.0500	0.0467		mg/L		93	70 - 130
Benzene	0.0500	0.0489		mg/L		98	70 - 130
1,2-Dichloroethane	0.0500	0.0466		mg/L		93	70 - 130
Trichloroethene	0.0500	0.0448		mg/L		90	70 - 130
Tetrachloroethene	0.0500	0.0432		mg/L		86	70 - 130
Chlorobenzene	0.0500	0.0469		mg/L		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	91		70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-248326/5
Matrix: Solid
Analysis Batch: 248326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl chloride	0.0250	0.0225		mg/L		90	67 - 134	8	30
1,1-Dichloroethene	0.0500	0.0516		mg/L		103	66 - 131	6	30
2-Butanone	0.100	0.0960		mg/L		96	49 - 172	3	30
Chloroform	0.0500	0.0474		mg/L		95	70 - 130	1	30
Carbon tetrachloride	0.0500	0.0476		mg/L		95	70 - 130	2	30
Benzene	0.0500	0.0485		mg/L		97	70 - 130	1	30
1,2-Dichloroethane	0.0500	0.0440		mg/L		88	70 - 130	6	30
Trichloroethene	0.0500	0.0452		mg/L		90	70 - 130	1	30
Tetrachloroethene	0.0500	0.0462		mg/L		92	70 - 130	7	30
Chlorobenzene	0.0500	0.0483		mg/L		97	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*93*		*70 - 130*

Lab Sample ID: LB 680-247579/4-A LB
Matrix: Solid
Analysis Batch: 248326

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20
1,1-Dichloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20
2-Butanone	0.20	U	0.20	0.20	mg/L			08/30/12 13:49	20
Chloroform	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20
Carbon tetrachloride	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20
Benzene	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20
1,2-Dichloroethane	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20
Trichloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20
Tetrachloroethene	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20
Chlorobenzene	0.020	U	0.020	0.020	mg/L			08/30/12 13:49	20

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/30/12 13:49*	*20*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/30/12 13:49*	*20*
Dibromofluoromethane	*91*		*70 - 130*		*08/30/12 13:49*	*20*

Lab Sample ID: 680-82232-6 DU
Matrix: Solid
Analysis Batch: 248326

Client Sample ID: AOC 32-6
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Vinyl chloride	0.020	U	0.020	U	mg/L		NC	
1,1-Dichloroethene	0.020	U	0.020	U	mg/L		NC	
2-Butanone	0.20	U	0.20	U	mg/L		NC	
Chloroform	0.020	U	0.020	U	mg/L		NC	
Carbon tetrachloride	0.020	U	0.020	U	mg/L		NC	
Benzene	0.020	U	0.020	U	mg/L		NC	
1,2-Dichloroethane	0.020	U	0.020	U	mg/L		NC	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-82232-6 DU
Matrix: Solid
Analysis Batch: 248326

Client Sample ID: AOC 32-6
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Trichloroethene	0.020	U		0.020	U	mg/L				NC	
Tetrachloroethene	0.020	U		0.020	U	mg/L				NC	
Chlorobenzene	0.020	U		0.020	U	mg/L				NC	

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene	*93*		*70 - 130*
Dibromofluoromethane	*90*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-247540/15-A
Matrix: Water
Analysis Batch: 248052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	10	U	10	1.1	ug/L		08/23/12 16:24	08/27/12 14:23	1
Phenol	10	U	10	0.83	ug/L		08/23/12 16:24	08/27/12 14:23	1
Bis(2-chloroethyl)ether	10	U	10	1.1	ug/L		08/23/12 16:24	08/27/12 14:23	1
2-Chlorophenol	10	U	10	0.87	ug/L		08/23/12 16:24	08/27/12 14:23	1
bis (2-chloroisopropyl) ether	10	U	10	0.78	ug/L		08/23/12 16:24	08/27/12 14:23	1
Acetophenone	10	U	10	0.57	ug/L		08/23/12 16:24	08/27/12 14:23	1
N-Nitrosodi-n-propylamine	10	U	10	0.72	ug/L		08/23/12 16:24	08/27/12 14:23	1
Hexachloroethane	10	U	10	0.76	ug/L		08/23/12 16:24	08/27/12 14:23	1
Nitrobenzene	10	U	10	0.73	ug/L		08/23/12 16:24	08/27/12 14:23	1
Isophorone	10	U	10	0.90	ug/L		08/23/12 16:24	08/27/12 14:23	1
2-Nitrophenol	10	U	10	0.76	ug/L		08/23/12 16:24	08/27/12 14:23	1
2,4-Dimethylphenol	10	U	10	4.0	ug/L		08/23/12 16:24	08/27/12 14:23	1
Bis(2-chloroethoxy)methane	10	U	10	0.94	ug/L		08/23/12 16:24	08/27/12 14:23	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		08/23/12 16:24	08/27/12 14:23	1
Naphthalene	10	U	10	0.70	ug/L		08/23/12 16:24	08/27/12 14:23	1
2-Methylphenol	10	U	10	0.89	ug/L		08/23/12 16:24	08/27/12 14:23	1
4-Chloroaniline	20	U	20	2.2	ug/L		08/23/12 16:24	08/27/12 14:23	1
3 & 4 Methylphenol	10	U	10	1.3	ug/L		08/23/12 16:24	08/27/12 14:23	1
Hexachlorobutadiene	10	U	10	0.62	ug/L		08/23/12 16:24	08/27/12 14:23	1
Caprolactam	10	U	10	0.79	ug/L		08/23/12 16:24	08/27/12 14:23	1
4-Chloro-3-methylphenol	10	U	10	1.0	ug/L		08/23/12 16:24	08/27/12 14:23	1
2-Methylnaphthalene	10	U	10	0.78	ug/L		08/23/12 16:24	08/27/12 14:23	1
Hexachlorocyclopentadiene	10	U	10	2.5	ug/L		08/23/12 16:24	08/27/12 14:23	1
2,4,6-Trichlorophenol	10	U	10	0.85	ug/L		08/23/12 16:24	08/27/12 14:23	1
2,4,5-Trichlorophenol	10	U	10	1.2	ug/L		08/23/12 16:24	08/27/12 14:23	1
1,1'-Biphenyl	10	U	10	0.58	ug/L		08/23/12 16:24	08/27/12 14:23	1
2-Chloronaphthalene	10	U	10	0.80	ug/L		08/23/12 16:24	08/27/12 14:23	1
2-Nitroaniline	50	U	50	1.3	ug/L		08/23/12 16:24	08/27/12 14:23	1
Dimethyl phthalate	10	U	10	0.99	ug/L		08/23/12 16:24	08/27/12 14:23	1
2,6-Dinitrotoluene	10	U	10	1.1	ug/L		08/23/12 16:24	08/27/12 14:23	1
Acenaphthylene	10	U	10	0.85	ug/L		08/23/12 16:24	08/27/12 14:23	1
3-Nitroaniline	50	U	50	5.0	ug/L		08/23/12 16:24	08/27/12 14:23	1
Acenaphthene	10	U	10	0.76	ug/L		08/23/12 16:24	08/27/12 14:23	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-247540/15-A
Matrix: Water
Analysis Batch: 248052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	50	U	50	10	ug/L		08/23/12 16:24	08/27/12 14:23	1
4-Nitrophenol	50	U	50	1.9	ug/L		08/23/12 16:24	08/27/12 14:23	1
Dibenzofuran	10	U	10	0.79	ug/L		08/23/12 16:24	08/27/12 14:23	1
2,4-Dinitrotoluene	10	U	10	1.2	ug/L		08/23/12 16:24	08/27/12 14:23	1
Diethyl phthalate	10	U	10	0.88	ug/L		08/23/12 16:24	08/27/12 14:23	1
Fluorene	10	U	10	0.96	ug/L		08/23/12 16:24	08/27/12 14:23	1
4-Chlorophenyl phenyl ether	10	U	10	0.84	ug/L		08/23/12 16:24	08/27/12 14:23	1
4-Nitroaniline	50	U	50	5.0	ug/L		08/23/12 16:24	08/27/12 14:23	1
4,6-Dinitro-2-methylphenol	50	U	50	10	ug/L		08/23/12 16:24	08/27/12 14:23	1
N-Nitrosodiphenylamine	10	U	10	0.92	ug/L		08/23/12 16:24	08/27/12 14:23	1
4-Bromophenyl phenyl ether	10	U	10	0.77	ug/L		08/23/12 16:24	08/27/12 14:23	1
Hexachlorobenzene	10	U	10	0.79	ug/L		08/23/12 16:24	08/27/12 14:23	1
Atrazine	10	U	10	1.2	ug/L		08/23/12 16:24	08/27/12 14:23	1
Pentachlorophenol	50	U	50	2.0	ug/L		08/23/12 16:24	08/27/12 14:23	1
Phenanthrene	10	U	10	0.77	ug/L		08/23/12 16:24	08/27/12 14:23	1
Anthracene	10	U	10	0.69	ug/L		08/23/12 16:24	08/27/12 14:23	1
Carbazole	10	U	10	0.71	ug/L		08/23/12 16:24	08/27/12 14:23	1
Di-n-butyl phthalate	10	U	10	0.83	ug/L		08/23/12 16:24	08/27/12 14:23	1
Fluoranthene	10	U	10	0.74	ug/L		08/23/12 16:24	08/27/12 14:23	1
Pyrene	10	U	10	0.63	ug/L		08/23/12 16:24	08/27/12 14:23	1
Butyl benzyl phthalate	10	U	10	1.2	ug/L		08/23/12 16:24	08/27/12 14:23	1
3,3'-Dichlorobenzidine	60	U	60	30	ug/L		08/23/12 16:24	08/27/12 14:23	1
Benzo[a]anthracene	10	U	10	0.55	ug/L		08/23/12 16:24	08/27/12 14:23	1
Chrysene	10	U	10	0.51	ug/L		08/23/12 16:24	08/27/12 14:23	1
Bis(2-ethylhexyl) phthalate	10	U	10	1.6	ug/L		08/23/12 16:24	08/27/12 14:23	1
Di-n-octyl phthalate	10	U	10	1.4	ug/L		08/23/12 16:24	08/27/12 14:23	1
Benzo[b]fluoranthene	10	U	10	2.6	ug/L		08/23/12 16:24	08/27/12 14:23	1
Benzo[k]fluoranthene	10	U	10	1.2	ug/L		08/23/12 16:24	08/27/12 14:23	1
Benzo[a]pyrene	10	U	10	0.71	ug/L		08/23/12 16:24	08/27/12 14:23	1
Indeno[1,2,3-cd]pyrene	10	U	10	1.0	ug/L		08/23/12 16:24	08/27/12 14:23	1
Dibenz(a,h)anthracene	10	U	10	1.0	ug/L		08/23/12 16:24	08/27/12 14:23	1
Benzo[g,h,i]perylene	10	U	10	0.87	ug/L		08/23/12 16:24	08/27/12 14:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*39 - 130*	*08/23/12 16:24*	*08/27/12 14:23*	*1*
2-Fluorobiphenyl	*74*		*38 - 130*	*08/23/12 16:24*	*08/27/12 14:23*	*1*
Terphenyl-d14	*77*		*10 - 143*	*08/23/12 16:24*	*08/27/12 14:23*	*1*
Phenol-d5	*75*		*25 - 130*	*08/23/12 16:24*	*08/27/12 14:23*	*1*
2-Fluorophenol	*75*		*25 - 130*	*08/23/12 16:24*	*08/27/12 14:23*	*1*
2,4,6-Tribromophenol	*79*		*31 - 141*	*08/23/12 16:24*	*08/27/12 14:23*	*1*

Lab Sample ID: LCS 680-247540/16-A
Matrix: Water
Analysis Batch: 248052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzaldehyde	100	137	E	ug/L		137	59 - 142
Phenol	100	63.9		ug/L		64	29 - 130
Bis(2-chloroethyl)ether	100	82.0		ug/L		82	56 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-247540/16-A
Matrix: Water
Analysis Batch: 248052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorophenol	100	73.1		ug/L		73	57 - 130
bis (2-chloroisopropyl) ether	100	85.6		ug/L		86	55 - 130
Acetophenone	100	76.1		ug/L		76	54 - 130
N-Nitrosodi-n-propylamine	100	78.8		ug/L		79	64 - 130
Hexachloroethane	100	63.2		ug/L		63	39 - 130
Nitrobenzene	100	74.2		ug/L		74	56 - 130
Isophorone	100	73.6		ug/L		74	59 - 130
2-Nitrophenol	100	75.8		ug/L		76	54 - 130
2,4-Dimethylphenol	100	61.9		ug/L		62	40 - 130
Bis(2-chloroethoxy)methane	100	82.4		ug/L		82	64 - 130
2,4-Dichlorophenol	100	75.5		ug/L		75	54 - 130
Naphthalene	100	72.8		ug/L		73	50 - 130
2-Methylphenol	100	71.9		ug/L		72	55 - 130
4-Chloroaniline	100	47.2		ug/L		47	42 - 130
3 & 4 Methylphenol	100	70.1		ug/L		70	35 - 130
Hexachlorobutadiene	100	66.4		ug/L		66	36 - 130
Caprolactam	100	29.3	*	ug/L		29	34 - 130
4-Chloro-3-methylphenol	100	73.0		ug/L		73	60 - 130
2-Methylnaphthalene	100	72.4		ug/L		72	52 - 130
Hexachlorocyclopentadiene	100	37.2		ug/L		37	10 - 130
2,4,6-Trichlorophenol	100	74.7		ug/L		75	57 - 130
2,4,5-Trichlorophenol	100	68.8		ug/L		69	61 - 130
1,1'-Biphenyl	100	72.7		ug/L		73	54 - 130
2-Chloronaphthalene	100	68.9		ug/L		69	53 - 130
2-Nitroaniline	100	76.0		ug/L		76	60 - 130
Dimethyl phthalate	100	76.4		ug/L		76	69 - 130
2,6-Dinitrotoluene	100	74.1		ug/L		74	65 - 130
Acenaphthylene	100	75.3		ug/L		75	60 - 130
3-Nitroaniline	100	65.1		ug/L		65	54 - 130
Acenaphthene	100	71.4		ug/L		71	55 - 130
2,4-Dinitrophenol	100	63.5		ug/L		64	20 - 165
4-Nitrophenol	100	69.2		ug/L		69	38 - 130
Dibenzofuran	100	69.7		ug/L		70	58 - 130
2,4-Dinitrotoluene	100	70.8		ug/L		71	63 - 130
Diethyl phthalate	100	75.1		ug/L		75	70 - 130
Fluorene	100	71.5		ug/L		72	61 - 130
4-Chlorophenyl phenyl ether	100	69.1		ug/L		69	57 - 130
4-Nitroaniline	100	74.5		ug/L		75	54 - 130
4,6-Dinitro-2-methylphenol	100	67.9		ug/L		68	45 - 134
N-Nitrosodiphenylamine	100	79.3		ug/L		79	68 - 130
4-Bromophenyl phenyl ether	100	72.2		ug/L		72	61 - 130
Hexachlorobenzene	100	62.6		ug/L		63	52 - 130
Atrazine	100	80.8		ug/L		81	66 - 130
Pentachlorophenol	100	61.9		ug/L		62	42 - 138
Phenanthrene	100	73.5		ug/L		74	62 - 130
Anthracene	100	69.3		ug/L		69	61 - 130
Carbazole	100	76.7		ug/L		77	67 - 130
Di-n-butyl phthalate	100	73.7		ug/L		74	66 - 130
Fluoranthene	100	68.4		ug/L		68	56 - 130
Pyrene	100	72.6		ug/L		73	60 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-247540/16-A
Matrix: Water
Analysis Batch: 248052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	100	76.3		ug/L		76	66 - 130
3,3'-Dichlorobenzidine	100	58.1	J	ug/L		58	27 - 130
Benzo[a]anthracene	100	68.3		ug/L		68	58 - 130
Chrysene	100	67.9		ug/L		68	59 - 130
Bis(2-ethylhexyl) phthalate	100	73.2		ug/L		73	62 - 130
Di-n-octyl phthalate	100	76.0		ug/L		76	64 - 130
Benzo[b]fluoranthene	100	71.0		ug/L		71	51 - 130
Benzo[k]fluoranthene	100	72.1		ug/L		72	53 - 130
Benzo[a]pyrene	100	72.7		ug/L		73	61 - 130
Indeno[1,2,3-cd]pyrene	100	63.8		ug/L		64	47 - 130
Dibenz(a,h)anthracene	100	64.6		ug/L		65	55 - 130
Benzo[g,h,i]perylene	100	63.6		ug/L		64	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*80*		*39 - 130*
2-Fluorobiphenyl	*73*		*38 - 130*
Terphenyl-d14	*76*		*10 - 143*
Phenol-d5	*72*		*25 - 130*
2-Fluorophenol	*74*		*25 - 130*
2,4,6-Tribromophenol	*78*		*31 - 141*

Lab Sample ID: MB 680-247582/7-A
Matrix: Solid
Analysis Batch: 248052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
Pyridine	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 14:52	1
Cresols	0.020	U	0.020	0.020	mg/L		08/23/12 16:24	08/27/12 14:52	1
Hexachloroethane	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
Nitrobenzene	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
2-Methylphenol	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
3 & 4 Methylphenol	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
Hexachlorobutadiene	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
2,4,6-Trichlorophenol	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
2,4,5-Trichlorophenol	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
2,4-Dinitrotoluene	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
Hexachlorobenzene	0.010	U	0.010	0.010	mg/L		08/23/12 16:24	08/27/12 14:52	1
Pentachlorophenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 14:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*78*		*39 - 130*	*08/23/12 16:24*	*08/27/12 14:52*	*1*
2-Fluorobiphenyl	*75*		*38 - 130*	*08/23/12 16:24*	*08/27/12 14:52*	*1*
Terphenyl-d14	*81*		*10 - 143*	*08/23/12 16:24*	*08/27/12 14:52*	*1*
Phenol-d5	*80*		*25 - 130*	*08/23/12 16:24*	*08/27/12 14:52*	*1*
2-Fluorophenol	*75*		*25 - 130*	*08/23/12 16:24*	*08/27/12 14:52*	*1*
2,4,6-Tribromophenol	*78*		*31 - 141*	*08/23/12 16:24*	*08/27/12 14:52*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-247582/8-A
Matrix: Solid
Analysis Batch: 248052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.100	0.0618		mg/L		62	43 - 130
Pyridine	0.100	0.0582		mg/L		58	10 - 130
Cresols	0.200	0.148		mg/L		74	49 - 130
Hexachloroethane	0.100	0.0577		mg/L		58	39 - 130
Nitrobenzene	0.100	0.0763		mg/L		76	56 - 130
2-Methylphenol	0.100	0.0750		mg/L		75	55 - 130
3 & 4 Methylphenol	0.100	0.0726		mg/L		73	35 - 130
Hexachlorobutadiene	0.100	0.0689		mg/L		69	36 - 130
2,4,6-Trichlorophenol	0.100	0.0781		mg/L		78	57 - 130
2,4,5-Trichlorophenol	0.100	0.0735		mg/L		74	61 - 130
2,4-Dinitrotoluene	0.100	0.0769		mg/L		77	63 - 130
Hexachlorobenzene	0.100	0.0770		mg/L		77	52 - 130
Pentachlorophenol	0.100	0.0648		mg/L		65	42 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*82*		*39 - 130*
2-Fluorobiphenyl	*75*		*38 - 130*
Terphenyl-d14	*86*		*10 - 143*
Phenol-d5	*74*		*25 - 130*
2-Fluorophenol	*74*		*25 - 130*
2,4,6-Tribromophenol	*84*		*31 - 141*

Lab Sample ID: MB 680-247805/17-A
Matrix: Water
Analysis Batch: 248135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247805

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	10	U	10	1.1	ug/L		08/27/12 15:44	08/28/12 15:25	1
Phenol	10	U	10	0.83	ug/L		08/27/12 15:44	08/28/12 15:25	1
Bis(2-chloroethyl)ether	10	U	10	1.1	ug/L		08/27/12 15:44	08/28/12 15:25	1
2-Chlorophenol	10	U	10	0.87	ug/L		08/27/12 15:44	08/28/12 15:25	1
bis (2-chloroisopropyl) ether	10	U	10	0.78	ug/L		08/27/12 15:44	08/28/12 15:25	1
Acetophenone	10	U	10	0.57	ug/L		08/27/12 15:44	08/28/12 15:25	1
N-Nitrosodi-n-propylamine	10	U	10	0.72	ug/L		08/27/12 15:44	08/28/12 15:25	1
Hexachloroethane	10	U	10	0.76	ug/L		08/27/12 15:44	08/28/12 15:25	1
Nitrobenzene	10	U	10	0.73	ug/L		08/27/12 15:44	08/28/12 15:25	1
Isophorone	10	U	10	0.90	ug/L		08/27/12 15:44	08/28/12 15:25	1
2-Nitrophenol	10	U	10	0.76	ug/L		08/27/12 15:44	08/28/12 15:25	1
2,4-Dimethylphenol	10	U	10	4.0	ug/L		08/27/12 15:44	08/28/12 15:25	1
Bis(2-chloroethoxy)methane	10	U	10	0.94	ug/L		08/27/12 15:44	08/28/12 15:25	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		08/27/12 15:44	08/28/12 15:25	1
Naphthalene	10	U	10	0.70	ug/L		08/27/12 15:44	08/28/12 15:25	1
2-Methylphenol	10	U	10	0.89	ug/L		08/27/12 15:44	08/28/12 15:25	1
4-Chloroaniline	20	U	20	2.2	ug/L		08/27/12 15:44	08/28/12 15:25	1
3 & 4 Methylphenol	10	U	10	1.3	ug/L		08/27/12 15:44	08/28/12 15:25	1
Hexachlorobutadiene	10	U	10	0.62	ug/L		08/27/12 15:44	08/28/12 15:25	1
Caprolactam	10	U	10	0.79	ug/L		08/27/12 15:44	08/28/12 15:25	1
4-Chloro-3-methylphenol	10	U	10	1.0	ug/L		08/27/12 15:44	08/28/12 15:25	1
2-Methylnaphthalene	10	U	10	0.78	ug/L		08/27/12 15:44	08/28/12 15:25	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-247805/17-A
Matrix: Water
Analysis Batch: 248135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247805

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	10	U	10	2.5	ug/L		08/27/12 15:44	08/28/12 15:25	1
2,4,6-Trichlorophenol	10	U	10	0.85	ug/L		08/27/12 15:44	08/28/12 15:25	1
2,4,5-Trichlorophenol	10	U	10	1.2	ug/L		08/27/12 15:44	08/28/12 15:25	1
1,1'-Biphenyl	10	U	10	0.58	ug/L		08/27/12 15:44	08/28/12 15:25	1
2-Chloronaphthalene	10	U	10	0.80	ug/L		08/27/12 15:44	08/28/12 15:25	1
2-Nitroaniline	50	U	50	1.3	ug/L		08/27/12 15:44	08/28/12 15:25	1
Dimethyl phthalate	10	U	10	0.99	ug/L		08/27/12 15:44	08/28/12 15:25	1
2,6-Dinitrotoluene	10	U	10	1.1	ug/L		08/27/12 15:44	08/28/12 15:25	1
Acenaphthylene	10	U	10	0.85	ug/L		08/27/12 15:44	08/28/12 15:25	1
3-Nitroaniline	50	U	50	5.0	ug/L		08/27/12 15:44	08/28/12 15:25	1
Acenaphthene	10	U	10	0.76	ug/L		08/27/12 15:44	08/28/12 15:25	1
2,4-Dinitrophenol	50	U	50	10	ug/L		08/27/12 15:44	08/28/12 15:25	1
4-Nitrophenol	50	U	50	1.9	ug/L		08/27/12 15:44	08/28/12 15:25	1
Dibenzofuran	10	U	10	0.79	ug/L		08/27/12 15:44	08/28/12 15:25	1
2,4-Dinitrotoluene	10	U	10	1.2	ug/L		08/27/12 15:44	08/28/12 15:25	1
Diethyl phthalate	10	U	10	0.88	ug/L		08/27/12 15:44	08/28/12 15:25	1
Fluorene	10	U	10	0.96	ug/L		08/27/12 15:44	08/28/12 15:25	1
4-Chlorophenyl phenyl ether	10	U	10	0.84	ug/L		08/27/12 15:44	08/28/12 15:25	1
4-Nitroaniline	50	U	50	5.0	ug/L		08/27/12 15:44	08/28/12 15:25	1
4,6-Dinitro-2-methylphenol	50	U	50	10	ug/L		08/27/12 15:44	08/28/12 15:25	1
N-Nitrosodiphenylamine	10	U	10	0.92	ug/L		08/27/12 15:44	08/28/12 15:25	1
4-Bromophenyl phenyl ether	10	U	10	0.77	ug/L		08/27/12 15:44	08/28/12 15:25	1
Hexachlorobenzene	10	U	10	0.79	ug/L		08/27/12 15:44	08/28/12 15:25	1
Atrazine	10	U	10	1.2	ug/L		08/27/12 15:44	08/28/12 15:25	1
Pentachlorophenol	50	U	50	2.0	ug/L		08/27/12 15:44	08/28/12 15:25	1
Phenanthrene	10	U	10	0.77	ug/L		08/27/12 15:44	08/28/12 15:25	1
Anthracene	10	U	10	0.69	ug/L		08/27/12 15:44	08/28/12 15:25	1
Carbazole	10	U	10	0.71	ug/L		08/27/12 15:44	08/28/12 15:25	1
Di-n-butyl phthalate	10	U	10	0.83	ug/L		08/27/12 15:44	08/28/12 15:25	1
Fluoranthene	10	U	10	0.74	ug/L		08/27/12 15:44	08/28/12 15:25	1
Pyrene	10	U	10	0.63	ug/L		08/27/12 15:44	08/28/12 15:25	1
Butyl benzyl phthalate	10	U	10	1.2	ug/L		08/27/12 15:44	08/28/12 15:25	1
3,3'-Dichlorobenzidine	60	U	60	30	ug/L		08/27/12 15:44	08/28/12 15:25	1
Benzo[a]anthracene	10	U	10	0.55	ug/L		08/27/12 15:44	08/28/12 15:25	1
Chrysene	10	U	10	0.51	ug/L		08/27/12 15:44	08/28/12 15:25	1
Bis(2-ethylhexyl) phthalate	10	U	10	1.6	ug/L		08/27/12 15:44	08/28/12 15:25	1
Di-n-octyl phthalate	10	U	10	1.4	ug/L		08/27/12 15:44	08/28/12 15:25	1
Benzo[b]fluoranthene	10	U	10	2.6	ug/L		08/27/12 15:44	08/28/12 15:25	1
Benzo[k]fluoranthene	10	U	10	1.2	ug/L		08/27/12 15:44	08/28/12 15:25	1
Benzo[a]pyrene	10	U	10	0.71	ug/L		08/27/12 15:44	08/28/12 15:25	1
Indeno[1,2,3-cd]pyrene	10	U	10	1.0	ug/L		08/27/12 15:44	08/28/12 15:25	1
Dibenz(a,h)anthracene	10	U	10	1.0	ug/L		08/27/12 15:44	08/28/12 15:25	1
Benzo[g,h,i]perylene	10	U	10	0.87	ug/L		08/27/12 15:44	08/28/12 15:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*87*		*39 - 130*	*08/27/12 15:44*	*08/28/12 15:25*	*1*
2-Fluorobiphenyl	*84*		*38 - 130*	*08/27/12 15:44*	*08/28/12 15:25*	*1*
Terphenyl-d14	*85*		*10 - 143*	*08/27/12 15:44*	*08/28/12 15:25*	*1*
Phenol-d5	*81*		*25 - 130*	*08/27/12 15:44*	*08/28/12 15:25*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-247805/17-A
Matrix: Water
Analysis Batch: 248135

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247805

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	81		25 - 130	08/27/12 15:44	08/28/12 15:25	1
2,4,6-Tribromophenol	87		31 - 141	08/27/12 15:44	08/28/12 15:25	1

Lab Sample ID: LCS 680-247805/18-A
Matrix: Water
Analysis Batch: 248135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzaldehyde	100	155	E *	ug/L		155	59 - 142
Phenol	100	72.6		ug/L		73	29 - 130
Bis(2-chloroethyl)ether	100	96.7		ug/L		97	56 - 130
2-Chlorophenol	100	80.2		ug/L		80	57 - 130
bis (2-chloroisopropyl) ether	100	96.9		ug/L		97	55 - 130
Acetophenone	100	83.9		ug/L		84	54 - 130
N-Nitrosodi-n-propylamine	100	92.7		ug/L		93	64 - 130
Hexachloroethane	100	64.1		ug/L		64	39 - 130
Nitrobenzene	100	82.3		ug/L		82	56 - 130
Isophorone	100	84.0		ug/L		84	59 - 130
2-Nitrophenol	100	83.7		ug/L		84	54 - 130
2,4-Dimethylphenol	100	71.4		ug/L		71	40 - 130
Bis(2-chloroethoxy)methane	100	92.6		ug/L		93	64 - 130
2,4-Dichlorophenol	100	82.8		ug/L		83	54 - 130
Naphthalene	100	76.5		ug/L		77	50 - 130
2-Methylphenol	100	82.0		ug/L		82	55 - 130
4-Chloroaniline	100	57.0		ug/L		57	42 - 130
3 & 4 Methylphenol	100	78.7		ug/L		79	35 - 130
Hexachlorobutadiene	100	62.3		ug/L		62	36 - 130
Caprolactam	100	70.3		ug/L		70	34 - 130
4-Chloro-3-methylphenol	100	86.2		ug/L		86	60 - 130
2-Methylnaphthalene	100	78.2		ug/L		78	52 - 130
Hexachlorocyclopentadiene	100	33.0		ug/L		33	10 - 130
2,4,6-Trichlorophenol	100	81.5		ug/L		82	57 - 130
2,4,5-Trichlorophenol	100	82.5		ug/L		83	61 - 130
1,1'-Biphenyl	100	75.7		ug/L		76	54 - 130
2-Chloronaphthalene	100	73.6		ug/L		74	53 - 130
2-Nitroaniline	100	90.6		ug/L		91	60 - 130
Dimethyl phthalate	100	91.7		ug/L		92	69 - 130
2,6-Dinitrotoluene	100	87.9		ug/L		88	65 - 130
Acenaphthylene	100	83.3		ug/L		83	60 - 130
3-Nitroaniline	100	81.3		ug/L		81	54 - 130
Acenaphthene	100	78.0		ug/L		78	55 - 130
2,4-Dinitrophenol	100	94.6		ug/L		95	20 - 165
4-Nitrophenol	100	87.0		ug/L		87	38 - 130
Dibenzofuran	100	77.6		ug/L		78	58 - 130
2,4-Dinitrotoluene	100	85.7		ug/L		86	63 - 130
Diethyl phthalate	100	91.3		ug/L		91	70 - 130
Fluorene	100	81.8		ug/L		82	61 - 130
4-Chlorophenyl phenyl ether	100	76.0		ug/L		76	57 - 130
4-Nitroaniline	100	93.7		ug/L		94	54 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-247805/18-A
Matrix: Water
Analysis Batch: 248135

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,6-Dinitro-2-methylphenol	100	86.5		ug/L		86	45 - 134
N-Nitrosodiphenylamine	100	87.6		ug/L		88	68 - 130
4-Bromophenyl phenyl ether	100	75.4		ug/L		75	61 - 130
Hexachlorobenzene	100	61.3		ug/L		61	52 - 130
Atrazine	100	90.6		ug/L		91	66 - 130
Pentachlorophenol	100	75.1		ug/L		75	42 - 138
Phenanthrene	100	79.5		ug/L		79	62 - 130
Anthracene	100	73.6		ug/L		74	61 - 130
Carbazole	100	89.8		ug/L		90	67 - 130
Di-n-butyl phthalate	100	77.8		ug/L		78	66 - 130
Fluoranthene	100	71.8		ug/L		72	56 - 130
Pyrene	100	73.5		ug/L		73	60 - 130
Butyl benzyl phthalate	100	76.8		ug/L		77	66 - 130
3,3'-Dichlorobenzidine	100	65.1		ug/L		65	27 - 130
Benzo[a]anthracene	100	66.4		ug/L		66	58 - 130
Chrysene	100	67.9		ug/L		68	59 - 130
Bis(2-ethylhexyl) phthalate	100	68.7		ug/L		69	62 - 130
Di-n-octyl phthalate	100	71.2		ug/L		71	64 - 130
Benzo[b]fluoranthene	100	63.6		ug/L		64	51 - 130
Benzo[k]fluoranthene	100	60.4		ug/L		60	53 - 130
Benzo[a]pyrene	100	71.0		ug/L		71	61 - 130
Indeno[1,2,3-cd]pyrene	100	64.3		ug/L		64	47 - 130
Dibenz(a,h)anthracene	100	64.7		ug/L		65	55 - 130
Benzo[g,h,i]perylene	100	64.8		ug/L		65	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*87*		*39 - 130*
2-Fluorobiphenyl	*80*		*38 - 130*
Terphenyl-d14	*80*		*10 - 143*
Phenol-d5	*81*		*25 - 130*
2-Fluorophenol	*79*		*25 - 130*
2,4,6-Tribromophenol	*92*		*31 - 141*

Lab Sample ID: LB 680-247493/6-D LB
Matrix: Solid
Analysis Batch: 248052

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 247582

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
Pyridine	0.25	U	0.25	0.25	mg/L		08/23/12 16:24	08/27/12 15:19	1
Cresols	0.10	U	0.10	0.10	mg/L		08/23/12 16:24	08/27/12 15:19	1
Hexachloroethane	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
Nitrobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
2-Methylphenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
3 & 4 Methylphenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
Hexachlorobutadiene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
2,4,6-Trichlorophenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
2,4,5-Trichlorophenol	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
2,4-Dinitrotoluene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 680-247493/6-D LB
Matrix: Solid
Analysis Batch: 248052

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 247582

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.050	U	0.050	0.050	mg/L		08/23/12 16:24	08/27/12 15:19	1
Pentachlorophenol	0.25	U	0.25	0.25	mg/L		08/23/12 16:24	08/27/12 15:19	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*39 - 130*	*08/23/12 16:24*	*08/27/12 15:19*	*1*
2-Fluorobiphenyl	*72*		*38 - 130*	*08/23/12 16:24*	*08/27/12 15:19*	*1*
Terphenyl-d14	*80*		*10 - 143*	*08/23/12 16:24*	*08/27/12 15:19*	*1*
Phenol-d5	*74*		*25 - 130*	*08/23/12 16:24*	*08/27/12 15:19*	*1*
2-Fluorophenol	*71*		*25 - 130*	*08/23/12 16:24*	*08/27/12 15:19*	*1*
2,4,6-Tribromophenol	*78*		*31 - 141*	*08/23/12 16:24*	*08/27/12 15:19*	*1*

Lab Sample ID: 680-82232-5 MS
Matrix: Solid
Analysis Batch: 248052

Client Sample ID: AOC 32-5
Prep Type: TCLP
Prep Batch: 247582

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.050	U	0.500	0.277		mg/L		55	43 - 130
Pyridine	0.25	U	0.500	0.266		mg/L		53	10 - 130
Cresols	0.10	U	1.00	0.642		mg/L		64	49 - 130
Hexachloroethane	0.050	U	0.500	0.268		mg/L		54	39 - 130
Nitrobenzene	0.050	U	0.500	0.318		mg/L		64	56 - 130
2-Methylphenol	0.050	U	0.500	0.327		mg/L		65	55 - 130
3 & 4 Methylphenol	0.050	U	0.500	0.315		mg/L		63	35 - 130
Hexachlorobutadiene	0.050	U	0.500	0.294		mg/L		59	36 - 130
2,4,6-Trichlorophenol	0.050	U	0.500	0.338		mg/L		68	57 - 130
2,4,5-Trichlorophenol	0.050	U	0.500	0.332		mg/L		66	61 - 130
2,4-Dinitrotoluene	0.050	U	0.500	0.349		mg/L		70	63 - 130
Hexachlorobenzene	0.050	U	0.500	0.329		mg/L		66	52 - 130
Pentachlorophenol	0.25	U	0.500	0.330		mg/L		66	42 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*67*		*39 - 130*
2-Fluorobiphenyl	*64*		*38 - 130*
Terphenyl-d14	*78*		*10 - 143*
Phenol-d5	*66*		*25 - 130*
2-Fluorophenol	*64*		*25 - 130*
2,4,6-Tribromophenol	*77*		*31 - 141*

Lab Sample ID: 680-82232-5 MSD
Matrix: Solid
Analysis Batch: 248052

Client Sample ID: AOC 32-5
Prep Type: TCLP
Prep Batch: 247582

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.050	U	0.500	0.306		mg/L		61	43 - 130	10	50
Pyridine	0.25	U	0.500	0.25	U F	mg/L		0	10 - 130	NC	50
Cresols	0.10	U	1.00	0.728		mg/L		73	49 - 130	13	50
Hexachloroethane	0.050	U	0.500	0.289		mg/L		58	39 - 130	8	50
Nitrobenzene	0.050	U	0.500	0.345		mg/L		69	56 - 130	8	50
2-Methylphenol	0.050	U	0.500	0.373		mg/L		75	55 - 130	13	50

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-82232-5 MSD — **Client Sample ID: AOC 32-5**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 248052 — **Prep Batch: 247582**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
3 & 4 Methylphenol	0.050	U	0.500	0.356		mg/L		71	35 - 130	12	50
Hexachlorobutadiene	0.050	U	0.500	0.322		mg/L		64	36 - 130	9	50
2,4,6-Trichlorophenol	0.050	U	0.500	0.360		mg/L		72	57 - 130	6	50
2,4,5-Trichlorophenol	0.050	U	0.500	0.347		mg/L		69	61 - 130	5	50
2,4-Dinitrotoluene	0.050	U	0.500	0.369		mg/L		74	63 - 130	6	50
Hexachlorobenzene	0.050	U	0.500	0.348		mg/L		70	52 - 130	5	50
Pentachlorophenol	0.25	U	0.500	0.337		mg/L		67	42 - 138	2	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5	*73*		*39 - 130*
2-Fluorobiphenyl	*70*		*38 - 130*
Terphenyl-d14	*79*		*10 - 143*
Phenol-d5	*72*		*25 - 130*
2-Fluorophenol	*71*		*25 - 130*
2,4,6-Tribromophenol	*82*		*31 - 141*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 680-247548/5-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 247888 — **Prep Batch: 247548**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	0.10	U	0.10	0.050	mg/L		08/23/12 16:24	08/27/12 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*106*		*62 - 130*	*08/23/12 16:24*	*08/27/12 12:12*	*1*

Lab Sample ID: LCS 680-247548/6-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 247888 — **Prep Batch: 247548**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	1.00	0.662		mg/L		66	25 - 145

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*86*		*62 - 130*

Lab Sample ID: 680-82232-1 MS — **Client Sample ID: AOC 32-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 247888 — **Prep Batch: 247548**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	0.92		0.996	1.46		mg/L		54	25 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*71*		*62 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 680-82232-1 MSD — **Client Sample ID: AOC 32-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 247888 — **Prep Batch: 247548**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	0.92		1.07	1.92		mg/L		93	25 - 145	27	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*94*		*62 - 130*

Lab Sample ID: MB 680-247576/10-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 247699 — **Prep Batch: 247576**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	3.3	U	3.3	2.1	mg/Kg		08/23/12 15:05	08/24/12 12:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*79*		*56 - 135*	*08/23/12 15:05*	*08/24/12 12:27*	*1*

Lab Sample ID: LCS 680-247576/11-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 247699 — **Prep Batch: 247576**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			32.9	24.7		mg/Kg		75	19 - 171		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*80*		*56 - 135*

Lab Sample ID: 680-82232-6 MS — **Client Sample ID: AOC 32-6**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 247753 — **Prep Batch: 247576**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28	7.2		37.8	31.0		mg/Kg	☼	63	19 - 171		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl	*66*		*56 - 135*

Lab Sample ID: 680-82232-6 MSD — **Client Sample ID: AOC 32-6**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 247753 — **Prep Batch: 247576**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	7.2		37.6	38.9		mg/Kg	☼	84	19 - 171	23	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*86*		*56 - 135*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 680-247810/8-A
Matrix: Water
Analysis Batch: 248247

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247810

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10-C28	0.10	U	0.10	0.050	mg/L		08/27/12 15:44	08/29/12 15:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*62 - 130*	*08/27/12 15:44*	*08/29/12 15:53*	*1*

Lab Sample ID: LCS 680-247810/9-A
Matrix: Water
Analysis Batch: 248247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247810

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28			1.00	0.581		mg/L		58	25 - 145		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*78*		*62 - 130*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Lab Sample ID: MB 680-247550/7-A
Matrix: Water
Analysis Batch: 247824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.10	U	0.10	0.0065	ug/L		08/23/12 16:24	08/24/12 16:32	1
4,4'-DDE	0.10	U	0.10	0.0077	ug/L		08/23/12 16:24	08/24/12 16:32	1
4,4'-DDT	0.10	U	0.10	0.0097	ug/L		08/23/12 16:24	08/24/12 16:32	1
Aldrin	0.050	U	0.050	0.0070	ug/L		08/23/12 16:24	08/24/12 16:32	1
alpha-BHC	0.050	U	0.050	0.0057	ug/L		08/23/12 16:24	08/24/12 16:32	1
beta-BHC	0.050	U	0.050	0.0067	ug/L		08/23/12 16:24	08/24/12 16:32	1
delta-BHC	0.050	U	0.050	0.0048	ug/L		08/23/12 16:24	08/24/12 16:32	1
Dieldrin	0.10	U	0.10	0.0091	ug/L		08/23/12 16:24	08/24/12 16:32	1
Endosulfan I	0.050	U	0.050	0.0042	ug/L		08/23/12 16:24	08/24/12 16:32	1
Endosulfan II	0.10	U	0.10	0.0098	ug/L		08/23/12 16:24	08/24/12 16:32	1
Endosulfan sulfate	0.10	U	0.10	0.0068	ug/L		08/23/12 16:24	08/24/12 16:32	1
Endrin	0.10	U	0.10	0.0097	ug/L		08/23/12 16:24	08/24/12 16:32	1
Endrin aldehyde	0.10	U	0.10	0.016	ug/L		08/23/12 16:24	08/24/12 16:32	1
Endrin ketone	0.10	U	0.10	0.0084	ug/L		08/23/12 16:24	08/24/12 16:32	1
gamma-BHC (Lindane)	0.050	U	0.050	0.0059	ug/L		08/23/12 16:24	08/24/12 16:32	1
Heptachlor	0.050	U	0.050	0.0070	ug/L		08/23/12 16:24	08/24/12 16:32	1
Heptachlor epoxide	0.050	U	0.050	0.0060	ug/L		08/23/12 16:24	08/24/12 16:32	1
Methoxychlor	0.10	U	0.10	0.013	ug/L		08/23/12 16:24	08/24/12 16:32	1
Chlordane (technical)	0.50	U	0.50	0.10	ug/L		08/23/12 16:24	08/24/12 16:32	1
PCB-1016	1.0	U	1.0	0.071	ug/L		08/23/12 16:24	08/24/12 16:32	1
PCB-1221	2.0	U	2.0	0.28	ug/L		08/23/12 16:24	08/24/12 16:32	1
PCB-1232	1.0	U	1.0	0.11	ug/L		08/23/12 16:24	08/24/12 16:32	1
PCB-1242	1.0	U	1.0	0.18	ug/L		08/23/12 16:24	08/24/12 16:32	1
PCB-1248	1.0	U	1.0	0.36	ug/L		08/23/12 16:24	08/24/12 16:32	1
PCB-1254	1.0	U	1.0	0.26	ug/L		08/23/12 16:24	08/24/12 16:32	1
PCB-1260	1.0	U	1.0	0.20	ug/L		08/23/12 16:24	08/24/12 16:32	1
Toxaphene	5.0	U	5.0	0.50	ug/L		08/23/12 16:24	08/24/12 16:32	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: MB 680-247550/7-A
Matrix: Water
Analysis Batch: 247824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247550

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		53 - 130	08/23/12 16:24	08/24/12 16:32	1
Tetrachloro-m-xylene	63		53 - 130	08/23/12 16:24	08/24/12 16:32	1
DCB Decachlorobiphenyl	52		22 - 130	08/23/12 16:24	08/24/12 16:32	1
DCB Decachlorobiphenyl	51		22 - 130	08/23/12 16:24	08/24/12 16:32	1

Lab Sample ID: LCS 680-247550/11-A
Matrix: Water
Analysis Batch: 247824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	10.0	7.75		ug/L		78	38 - 172
PCB-1260	10.0	6.70		ug/L		67	46 - 138

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	68		53 - 130
Tetrachloro-m-xylene	68		53 - 130
DCB Decachlorobiphenyl	26		22 - 130
DCB Decachlorobiphenyl	25		22 - 130

Lab Sample ID: LCS 680-247550/8-A
Matrix: Water
Analysis Batch: 247824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.100	0.0771	J	ug/L		77	49 - 144
4,4'-DDE	0.100	0.0703	J	ug/L		70	46 - 144
4,4'-DDT	0.100	0.0731	J	ug/L		73	48 - 166
Aldrin	0.100	0.0671		ug/L		67	14 - 168
alpha-BHC	0.100	0.0717		ug/L		72	43 - 138
beta-BHC	0.100	0.0778		ug/L		78	38 - 158
delta-BHC	0.100	0.0790		ug/L		79	23 - 191
Dieldrin	0.100	0.0731	J	ug/L		73	61 - 136
Endosulfan I	0.100	0.0774		ug/L		77	52 - 141
Endosulfan II	0.100	0.0816	J	ug/L		82	60 - 140
Endosulfan sulfate	0.100	0.0833	J	ug/L		83	60 - 151
Endrin	0.100	0.0661	J	ug/L		66	66 - 150
Endrin aldehyde	0.100	0.0936	J	ug/L		94	16 - 200
Endrin ketone	0.100	0.0886	J	ug/L		89	55 - 156
gamma-BHC (Lindane)	0.100	0.0723		ug/L		72	54 - 134
Heptachlor	0.100	0.0661		ug/L		66	10 - 200
Heptachlor epoxide	0.100	0.0728		ug/L		73	49 - 142
Methoxychlor	0.100	0.0764	J	ug/L		76	13 - 186

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	71		53 - 130
Tetrachloro-m-xylene	66		53 - 130
DCB Decachlorobiphenyl	39		22 - 130
DCB Decachlorobiphenyl	37		22 - 130

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCSD 680-247550/16-A
Matrix: Water
Analysis Batch: 247824

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 247550

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.100	0.0884	J	ug/L		88	49 - 144	14	50
4,4'-DDE	0.100	0.0799	J	ug/L		80	46 - 144	13	50
4,4'-DDT	0.100	0.0845	J	ug/L		84	48 - 166	14	50
Aldrin	0.100	0.0756		ug/L		76	14 - 168	12	50
alpha-BHC	0.100	0.0777		ug/L		78	43 - 138	8	50
beta-BHC	0.100	0.0918		ug/L		92	38 - 158	16	50
delta-BHC	0.100	0.0878		ug/L		88	23 - 191	10	50
Dieldrin	0.100	0.0819	J	ug/L		82	61 - 136	11	50
Endosulfan I	0.100	0.0866		ug/L		87	52 - 141	11	50
Endosulfan II	0.100	0.0908	J	ug/L		91	60 - 140	11	50
Endosulfan sulfate	0.100	0.0929	J	ug/L		93	60 - 151	11	50
Endrin	0.100	0.0773	J	ug/L		77	66 - 150	16	50
Endrin aldehyde	0.100	0.100		ug/L		100	16 - 200	7	50
Endrin ketone	0.100	0.0989	J	ug/L		99	55 - 156	11	50
gamma-BHC (Lindane)	0.100	0.0795		ug/L		79	54 - 134	9	50
Heptachlor	0.100	0.0754		ug/L		75	10 - 200	13	50
Heptachlor epoxide	0.100	0.0817		ug/L		82	49 - 142	12	50
Methoxychlor	0.100	0.0889	J	ug/L		89	13 - 186	15	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*53 - 130*
Tetrachloro-m-xylene	*68*		*53 - 130*
DCB Decachlorobiphenyl	*68*		*22 - 130*
DCB Decachlorobiphenyl	*68*		*22 - 130*

Lab Sample ID: MB 680-247776/20-A
Matrix: Water
Analysis Batch: 248065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247776

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.10	U	0.10	0.0065	ug/L		08/26/12 16:30	08/28/12 12:49	1
4,4'-DDE	0.10	U	0.10	0.0077	ug/L		08/26/12 16:30	08/28/12 12:49	1
4,4'-DDT	0.10	U	0.10	0.0097	ug/L		08/26/12 16:30	08/28/12 12:49	1
Aldrin	0.050	U	0.050	0.0070	ug/L		08/26/12 16:30	08/28/12 12:49	1
alpha-BHC	0.050	U	0.050	0.0057	ug/L		08/26/12 16:30	08/28/12 12:49	1
beta-BHC	0.050	U	0.050	0.0067	ug/L		08/26/12 16:30	08/28/12 12:49	1
delta-BHC	0.050	U	0.050	0.0048	ug/L		08/26/12 16:30	08/28/12 12:49	1
Dieldrin	0.10	U	0.10	0.0091	ug/L		08/26/12 16:30	08/28/12 12:49	1
Endosulfan I	0.050	U	0.050	0.0042	ug/L		08/26/12 16:30	08/28/12 12:49	1
Endosulfan II	0.10	U	0.10	0.0098	ug/L		08/26/12 16:30	08/28/12 12:49	1
Endosulfan sulfate	0.10	U	0.10	0.0068	ug/L		08/26/12 16:30	08/28/12 12:49	1
Endrin	0.10	U	0.10	0.0097	ug/L		08/26/12 16:30	08/28/12 12:49	1
Endrin aldehyde	0.10	U	0.10	0.016	ug/L		08/26/12 16:30	08/28/12 12:49	1
Endrin ketone	0.10	U	0.10	0.0084	ug/L		08/26/12 16:30	08/28/12 12:49	1
gamma-BHC (Lindane)	0.050	U	0.050	0.0059	ug/L		08/26/12 16:30	08/28/12 12:49	1
Heptachlor	0.050	U	0.050	0.0070	ug/L		08/26/12 16:30	08/28/12 12:49	1
Heptachlor epoxide	0.050	U	0.050	0.0060	ug/L		08/26/12 16:30	08/28/12 12:49	1
Methoxychlor	0.10	U	0.10	0.013	ug/L		08/26/12 16:30	08/28/12 12:49	1
Chlordane (technical)	0.50	U	0.50	0.10	ug/L		08/26/12 16:30	08/28/12 12:49	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: MB 680-247776/20-A
Matrix: Water
Analysis Batch: 248065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247776

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1.0	U	1.0	0.071	ug/L		08/26/12 16:30	08/28/12 12:49	1
PCB-1221	2.0	U	2.0	0.28	ug/L		08/26/12 16:30	08/28/12 12:49	1
PCB-1232	1.0	U	1.0	0.11	ug/L		08/26/12 16:30	08/28/12 12:49	1
PCB-1242	1.0	U	1.0	0.18	ug/L		08/26/12 16:30	08/28/12 12:49	1
PCB-1248	1.0	U	1.0	0.36	ug/L		08/26/12 16:30	08/28/12 12:49	1
PCB-1254	1.0	U	1.0	0.26	ug/L		08/26/12 16:30	08/28/12 12:49	1
PCB-1260	1.0	U	1.0	0.20	ug/L		08/26/12 16:30	08/28/12 12:49	1
Toxaphene	5.0	U	5.0	0.50	ug/L		08/26/12 16:30	08/28/12 12:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*53 - 130*	*08/26/12 16:30*	*08/28/12 12:49*	*1*
Tetrachloro-m-xylene	*72*		*53 - 130*	*08/26/12 16:30*	*08/28/12 12:49*	*1*
DCB Decachlorobiphenyl	*61*		*22 - 130*	*08/26/12 16:30*	*08/28/12 12:49*	*1*
DCB Decachlorobiphenyl	*68*		*22 - 130*	*08/26/12 16:30*	*08/28/12 12:49*	*1*

Lab Sample ID: LCS 680-247776/21-A
Matrix: Water
Analysis Batch: 248065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.100	0.0873	J	ug/L		87	49 - 144
4,4'-DDE	0.100	0.0743	J	ug/L		74	46 - 144
4,4'-DDT	0.100	0.0804	J	ug/L		80	48 - 166
Aldrin	0.100	0.0691		ug/L		69	14 - 168
alpha-BHC	0.100	0.0727		ug/L		73	43 - 138
beta-BHC	0.100	0.0918		ug/L		92	38 - 158
delta-BHC	0.100	0.0829		ug/L		83	23 - 191
Dieldrin	0.100	0.0755	J	ug/L		76	61 - 136
Endosulfan I	0.100	0.0733		ug/L		73	52 - 141
Endosulfan II	0.100	0.0793	J	ug/L		79	60 - 140
Endosulfan sulfate	0.100	0.0906	J	ug/L		91	60 - 151
Endrin	0.100	0.0738	J	ug/L		74	66 - 150
Endrin aldehyde	0.100	0.0903	J	ug/L		90	16 - 200
Endrin ketone	0.100	0.0883	J	ug/L		88	55 - 156
gamma-BHC (Lindane)	0.100	0.0757		ug/L		76	54 - 134
Heptachlor	0.100	0.0696		ug/L		70	10 - 200
Heptachlor epoxide	0.100	0.0751		ug/L		75	49 - 142
Methoxychlor	0.100	0.0935	J	ug/L		93	13 - 186

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*64*		*53 - 130*
Tetrachloro-m-xylene	*67*		*53 - 130*
DCB Decachlorobiphenyl	*51*		*22 - 130*
DCB Decachlorobiphenyl	*58*		*22 - 130*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCS 680-247776/26-A
Matrix: Water
Analysis Batch: 248065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247776

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			10.0	8.94		ug/L		89	38 - 172		
PCB-1260			10.0	6.44		ug/L		64	46 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*		*53 - 130*
Tetrachloro-m-xylene	*77*		*53 - 130*
DCB Decachlorobiphenyl	*43*		*22 - 130*
DCB Decachlorobiphenyl	*47*		*22 - 130*

Lab Sample ID: LCS 680-247776/29-A
Matrix: Water
Analysis Batch: 248065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247776

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*74*		*53 - 130*
Tetrachloro-m-xylene	*80*		*53 - 130*
DCB Decachlorobiphenyl	*64*		*22 - 130*
DCB Decachlorobiphenyl	*70*		*22 - 130*

Lab Sample ID: LCSD 680-247776/30-A
Matrix: Water
Analysis Batch: 248065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 247776

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*53 - 130*
Tetrachloro-m-xylene	*74*		*53 - 130*
DCB Decachlorobiphenyl	*60*		*22 - 130*
DCB Decachlorobiphenyl	*65*		*22 - 130*

Lab Sample ID: 680-82232-9 MS
Matrix: Water
Analysis Batch: 248083

Client Sample ID: AOC 32-3A
Prep Type: Total/NA
Prep Batch: 247776

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	0.99	U	9.79	12.0		ug/L		123	38 - 172		
PCB-1260	1.9		9.79	7.16		ug/L		54	46 - 138		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*62*		*53 - 130*
Tetrachloro-m-xylene	*68*		*53 - 130*
DCB Decachlorobiphenyl	*21*	*X*	*22 - 130*
DCB Decachlorobiphenyl	*24*		*22 - 130*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: 680-82232-9 MSD
Matrix: Water
Analysis Batch: 248083

Client Sample ID: AOC 32-3A
Prep Type: Total/NA
Prep Batch: 247776

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	0.99	U	13.7	16.1		ug/L		118	38 - 172	29	50
PCB-1260	1.9		13.7	11.3		ug/L		69	46 - 138	45	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*76*		*53 - 130*
Tetrachloro-m-xylene	*77*		*53 - 130*
DCB Decachlorobiphenyl	*30*		*22 - 130*
DCB Decachlorobiphenyl	*33*		*22 - 130*

Lab Sample ID: MB 680-248020/6-A
Matrix: Solid
Analysis Batch: 248360

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 248020

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	3.2	U	3.2	0.24	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
4,4'-DDE	3.2	U	3.2	0.19	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
4,4'-DDT	3.2	U	3.2	0.23	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Aldrin	1.7	U	1.7	0.44	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
alpha-BHC	1.7	U	1.7	0.11	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
beta-BHC	1.7	U	1.7	0.11	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
delta-BHC	1.7	U	1.7	0.13	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Dieldrin	3.2	U	3.2	0.28	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Endosulfan I	1.7	U	1.7	0.15	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Endosulfan II	3.2	U	3.2	0.23	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Endosulfan sulfate	3.2	U	3.2	0.24	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Endrin	3.2	U	3.2	0.72	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Endrin aldehyde	3.2	U	3.2	0.30	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Endrin ketone	3.2	U	3.2	0.27	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
gamma-BHC (Lindane)	1.7	U	1.7	0.11	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Heptachlor	1.7	U	1.7	0.082	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Heptachlor epoxide	1.7	U	1.7	0.14	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Methoxychlor	3.2	U	3.2	0.34	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Chlordane (technical)	17	U	17	2.9	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
PCB-1016	32	U	32	2.9	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
PCB-1221	66	U	66	4.7	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
PCB-1232	32	U	32	3.2	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
PCB-1242	32	U	32	2.8	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
PCB-1248	32	U	32	7.1	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
PCB-1254	32	U	32	2.3	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
PCB-1260	32	U	32	6.6	ug/Kg		08/29/12 12:00	08/30/12 01:15	1
Toxaphene	170	U	170	59	ug/Kg		08/29/12 12:00	08/30/12 01:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*46 - 130*	*08/29/12 12:00*	*08/30/12 01:15*	*1*
Tetrachloro-m-xylene	*94*		*46 - 130*	*08/29/12 12:00*	*08/30/12 01:15*	*1*
DCB Decachlorobiphenyl	*65*		*54 - 133*	*08/29/12 12:00*	*08/30/12 01:15*	*1*
DCB Decachlorobiphenyl	*73*		*54 - 133*	*08/29/12 12:00*	*08/30/12 01:15*	*1*

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCS 680-248020/10-A
Matrix: Solid
Analysis Batch: 248360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 248020

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			323	292		ug/Kg		90	64 - 130		
PCB-1260			323	272		ug/Kg		84	69 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*79*		*46 - 130*
Tetrachloro-m-xylene	*91*		*46 - 130*
DCB Decachlorobiphenyl	*69*		*54 - 133*
DCB Decachlorobiphenyl	*79*		*54 - 133*

Lab Sample ID: LCS 680-248020/13-A
Matrix: Solid
Analysis Batch: 248360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 248020

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*67*		*46 - 130*
Tetrachloro-m-xylene	*75*		*46 - 130*
DCB Decachlorobiphenyl	*58*		*54 - 133*
DCB Decachlorobiphenyl	*66*		*54 - 133*

Lab Sample ID: LCS 680-248020/7-A
Matrix: Solid
Analysis Batch: 248360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 248020

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
4,4'-DDD			3.29	3.58		ug/Kg		109	54 - 134		
4,4'-DDE			3.29	3.28	J	ug/Kg		99	40 - 133		
4,4'-DDT			3.29	3.55		ug/Kg		108	69 - 157		
Aldrin			3.29	3.14		ug/Kg		95	47 - 130		
alpha-BHC			3.29	3.13		ug/Kg		95	42 - 130		
beta-BHC			3.29	3.48		ug/Kg		106	39 - 140		
delta-BHC			3.29	3.72		ug/Kg		113	36 - 156		
Dieldrin			3.29	3.24	J	ug/Kg		98	59 - 130		
Endosulfan I			3.29	3.16		ug/Kg		96	51 - 130		
Endosulfan II			3.29	3.10	J	ug/Kg		94	46 - 130		
Endosulfan sulfate			3.29	3.83		ug/Kg		116	57 - 130		
Endrin			3.29	3.65		ug/Kg		111	62 - 136		
Endrin aldehyde			3.29	3.06	J	ug/Kg		93	43 - 135		
Endrin ketone			3.29	3.14	J	ug/Kg		95	59 - 139		
gamma-BHC (Lindane)			3.29	3.26		ug/Kg		99	44 - 130		
Heptachlor			3.29	3.54		ug/Kg		108	48 - 146		
Heptachlor epoxide			3.29	3.11		ug/Kg		95	51 - 130		
Methoxychlor			3.29	4.16		ug/Kg		126	23 - 179		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*89*		*46 - 130*
Tetrachloro-m-xylene	*99*		*46 - 130*
DCB Decachlorobiphenyl	*71*		*54 - 133*
DCB Decachlorobiphenyl	*80*		*54 - 133*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-247512/16-A
Matrix: Water
Analysis Batch: 247745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.50	U	0.50	0.037	ug/L		08/23/12 08:20	08/24/12 16:17	1
2,4-DB	0.50	U	0.50	0.15	ug/L		08/23/12 08:20	08/24/12 16:17	1
2,4,5-T	0.50	U	0.50	0.062	ug/L		08/23/12 08:20	08/24/12 16:17	1
Silvex (2,4,5-TP)	0.50	U	0.50	0.062	ug/L		08/23/12 08:20	08/24/12 16:17	1
Dalapon	10	U	10	0.10	ug/L		08/23/12 08:20	08/24/12 16:17	1
Dicamba	0.50	U	0.50	0.085	ug/L		08/23/12 08:20	08/24/12 16:17	1
Dichlorprop	0.50	U	0.50	0.15	ug/L		08/23/12 08:20	08/24/12 16:17	1
Dinoseb	6.0	U	6.0	0.16	ug/L		08/23/12 08:20	08/24/12 16:17	1
MCPA	120	U	120	17	ug/L		08/23/12 08:20	08/24/12 16:17	1
Mecoprop	120	U	120	19	ug/L		08/23/12 08:20	08/24/12 16:17	1
Pentachlorophenol	0.25	U	0.25	0.037	ug/L		08/23/12 08:20	08/24/12 16:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*94*		*52 - 151*	*08/23/12 08:20*	*08/24/12 16:17*	*1*
DCAA	*80*		*52 - 151*	*08/23/12 08:20*	*08/24/12 16:17*	*1*

Lab Sample ID: LCS 680-247512/17-A
Matrix: Water
Analysis Batch: 247745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247512

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	2.00	1.66		ug/L		83	63 - 130
2,4-DB	2.00	2.12		ug/L		106	34 - 157
2,4,5-T	2.00	1.62		ug/L		81	59 - 130
Silvex (2,4,5-TP)	2.00	1.54		ug/L		77	64 - 130
Dalapon	2.00	1.40	J p	ug/L		70	24 - 130
Dicamba	2.00	1.58		ug/L		79	66 - 130
Dichlorprop	2.00	1.74	p	ug/L		87	65 - 152
Dinoseb	2.00	1.75	J	ug/L		87	10 - 130
MCPA	200	153		ug/L		76	40 - 130
Mecoprop	200	174		ug/L		87	53 - 130
Pentachlorophenol	2.00	1.77		ug/L		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*96*		*52 - 151*
DCAA	*78*		*52 - 151*

Lab Sample ID: MB 680-247598/3-A
Matrix: Solid
Analysis Batch: 248029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	8.3	U	8.3	5.0	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
2,4-DB	8.3	U	8.3	3.0	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
2,4,5-T	8.3	U	8.3	2.3	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
Silvex (2,4,5-TP)	8.3	U	8.3	1.6	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
Dalapon	330	U	330	2.9	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
Dicamba	8.3	U	8.3	1.9	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
Dichlorprop	8.3	U	8.3	1.1	ug/Kg		08/23/12 15:18	08/28/12 11:16	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 680-247598/3-A
Matrix: Solid
Analysis Batch: 248029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	99	U	99	4.6	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
MCPA	2000	U	2000	190	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
Mecoprop	2000	U	2000	170	ug/Kg		08/23/12 15:18	08/28/12 11:16	1
Pentachlorophenol	8.3	U	8.3	0.42	ug/Kg		08/23/12 15:18	08/28/12 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*77*		*35 - 137*	*08/23/12 15:18*	*08/28/12 11:16*	*1*
DCAA	*92*		*35 - 137*	*08/23/12 15:18*	*08/28/12 11:16*	*1*

Lab Sample ID: LCS 680-247598/4-A
Matrix: Solid
Analysis Batch: 248029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247598

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	66.6	56.8		ug/Kg		85	47 - 130
2,4-DB	66.6	63.3		ug/Kg		95	10 - 130
2,4,5-T	66.6	49.2		ug/Kg		74	32 - 130
Silvex (2,4,5-TP)	66.6	47.5		ug/Kg		71	24 - 130
Dalapon	66.6	45.6	J p	ug/Kg		68	34 - 130
Dicamba	66.6	48.5		ug/Kg		73	45 - 130
Dichlorprop	66.6	50.8	p	ug/Kg		76	39 - 130
Dinoseb	66.6	34.2	J	ug/Kg		51	10 - 130
MCPA	6660	5550		ug/Kg		83	36 - 130
Mecoprop	6660	5790		ug/Kg		87	29 - 130
Pentachlorophenol	66.6	47.1		ug/Kg		71	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*74*		*35 - 137*
DCAA	*101*		*35 - 137*

Lab Sample ID: 680-82232-5 MS
Matrix: Solid
Analysis Batch: 248029

Client Sample ID: AOC 32-5
Prep Type: Total/NA
Prep Batch: 247598

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	8.3	U	66.6	57.7		ug/Kg		87	47 - 130
2,4-DB	8.3	U	66.6	56.6		ug/Kg		85	10 - 130
2,4,5-T	8.3	U	66.6	44.8		ug/Kg		67	32 - 130
Silvex (2,4,5-TP)	8.3	U	66.6	43.7		ug/Kg		66	24 - 130
Dalapon	330	U	66.6	44.0	J p	ug/Kg		66	34 - 130
Dicamba	8.3	U	66.6	45.1		ug/Kg		68	45 - 130
Dichlorprop	8.3	U	66.6	48.7	p	ug/Kg		73	39 - 130
Dinoseb	100	U	66.6	45.2	J	ug/Kg		68	10 - 130
MCPA	2000	U	6660	4380		ug/Kg		66	36 - 130
Mecoprop	2000	U	6660	6550		ug/Kg		98	29 - 130
Pentachlorophenol	1.1	J	66.6	40.2		ug/Kg		59	50 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCAA	*67*		*35 - 137*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 680-82232-5 MS
Matrix: Solid
Analysis Batch: 248029

Client Sample ID: AOC 32-5
Prep Type: Total/NA
Prep Batch: 247598

Surrogate	MS %Recovery	MS Qualifier	Limits
DCAA	90		35 - 137

Lab Sample ID: 680-82232-5 MSD
Matrix: Solid
Analysis Batch: 248029

Client Sample ID: AOC 32-5
Prep Type: Total/NA
Prep Batch: 247598

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D	8.3	U	66.3	60.9		ug/Kg		92	47 - 130	5	50
2,4-DB	8.3	U	66.3	68.2		ug/Kg		103	10 - 130	19	50
2,4,5-T	8.3	U	66.3	58.9		ug/Kg		89	32 - 130	27	50
Silvex (2,4,5-TP)	8.3	U	66.3	52.9		ug/Kg		80	24 - 130	19	50
Dalapon	330	U	66.3	45.1	J p	ug/Kg		68	34 - 130	2	50
Dicamba	8.3	U	66.3	55.9		ug/Kg		84	45 - 130	21	50
Dichlorprop	8.3	U	66.3	59.1	p	ug/Kg		89	39 - 130	19	50
Dinoseb	100	U	66.3	35.9	J p	ug/Kg		54	10 - 130	23	50
MCPA	2000	U	6630	5310		ug/Kg		80	36 - 130	19	50
Mecoprop	2000	U	6630	6300		ug/Kg		95	29 - 130	4	50
Pentachlorophenol	1.1	J	66.3	53.3		ug/Kg		79	50 - 130	28	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCAA	77		35 - 137
DCAA	112		35 - 137

Lab Sample ID: MB 680-247799/18-A
Matrix: Water
Analysis Batch: 248261

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247799

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.50	U	0.50	0.037	ug/L		08/27/12 08:32	08/29/12 15:57	1
2,4-DB	0.50	U	0.50	0.15	ug/L		08/27/12 08:32	08/29/12 15:57	1
2,4,5-T	0.50	U	0.50	0.062	ug/L		08/27/12 08:32	08/29/12 15:57	1
Silvex (2,4,5-TP)	0.50	U	0.50	0.062	ug/L		08/27/12 08:32	08/29/12 15:57	1
Dalapon	10	U	10	0.10	ug/L		08/27/12 08:32	08/29/12 15:57	1
Dicamba	0.50	U	0.50	0.085	ug/L		08/27/12 08:32	08/29/12 15:57	1
Dichlorprop	0.50	U	0.50	0.15	ug/L		08/27/12 08:32	08/29/12 15:57	1
Dinoseb	6.0	U	6.0	0.16	ug/L		08/27/12 08:32	08/29/12 15:57	1
MCPA	120	U	120	17	ug/L		08/27/12 08:32	08/29/12 15:57	1
Mecoprop	120	U	120	19	ug/L		08/27/12 08:32	08/29/12 15:57	1
Pentachlorophenol	0.25	U	0.25	0.037	ug/L		08/27/12 08:32	08/29/12 15:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	86	p	52 - 151	08/27/12 08:32	08/29/12 15:57	1
DCAA	136		52 - 151	08/27/12 08:32	08/29/12 15:57	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 680-247799/19-A
Matrix: Water
Analysis Batch: 248261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247799

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	2.00	1.78		ug/L		89	63 - 130
2,4-DB	2.00	2.11		ug/L		106	34 - 157
2,4,5-T	2.00	1.69		ug/L		85	59 - 130
Silvex (2,4,5-TP)	2.00	1.56		ug/L		78	64 - 130
Dalapon	2.00	1.25	J p	ug/L		62	24 - 130
Dicamba	2.00	1.53		ug/L		76	66 - 130
Dichlorprop	2.00	2.44		ug/L		122	65 - 152
Dinoseb	2.00	1.71	J	ug/L		86	10 - 130
MCPA	200	153		ug/L		77	40 - 130
Mecoprop	200	178		ug/L		89	53 - 130
Pentachlorophenol	2.00	1.69	E	ug/L		85	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*79*	*p*	*52 - 151*
DCAA	*139*		*52 - 151*

Method: 6010B - Metals (ICP)

Lab Sample ID: LCS 680-247742/17-A
Matrix: Solid
Analysis Batch: 247871

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.980		mg/L		98	75 - 125
Silver	1.00	1.04		mg/L		104	75 - 125
Arsenic	2.00	2.10		mg/L		105	75 - 125
Barium	2.00	1.97		mg/L		99	75 - 125
Cadmium	1.00	1.01		mg/L		101	75 - 125
Chromium	2.00	2.02		mg/L		101	75 - 125
Selenium	2.00	2.09		mg/L		105	75 - 125

Lab Sample ID: LB 680-247493/6-E LB
Matrix: Solid
Analysis Batch: 247871

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 247742

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 12:29	1
Silver	0.10	U	0.10	0.10	mg/L		08/25/12 06:40	08/27/12 12:29	1
Arsenic	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 12:29	1
Barium	1.0	U	1.0	1.0	mg/L		08/25/12 06:40	08/27/12 12:29	1
Cadmium	0.10	U	0.10	0.10	mg/L		08/25/12 06:40	08/27/12 12:29	1
Chromium	0.20	U	0.20	0.20	mg/L		08/25/12 06:40	08/27/12 12:29	1
Selenium	0.50	U	0.50	0.50	mg/L		08/25/12 06:40	08/27/12 12:29	1

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-247644/1-A
Matrix: Water
Analysis Batch: 247778

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 247644

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	0.25	ug/L		08/24/12 09:51	08/24/12 19:53	1
Aluminum	50	U	50	23	ug/L		08/24/12 09:51	08/24/12 19:53	1
Arsenic	2.5	U	2.5	1.3	ug/L		08/24/12 09:51	08/24/12 19:53	1
Barium	5.0	U	5.0	1.3	ug/L		08/24/12 09:51	08/24/12 19:53	1
Beryllium	0.50	U	0.50	0.25	ug/L		08/24/12 09:51	08/24/12 19:53	1
Calcium	250	U	250	130	ug/L		08/24/12 09:51	08/24/12 19:53	1
Cadmium	0.50	U	0.50	0.095	ug/L		08/24/12 09:51	08/24/12 19:53	1
Cobalt	0.50	U	0.50	0.15	ug/L		08/24/12 09:51	08/24/12 19:53	1
Chromium	5.0	U	5.0	2.5	ug/L		08/24/12 09:51	08/24/12 19:53	1
Copper	5.0	U	5.0	1.1	ug/L		08/24/12 09:51	08/24/12 19:53	1
Iron	100	U	100	33	ug/L		08/24/12 09:51	08/24/12 19:53	1
Potassium	500	U	500	170	ug/L		08/24/12 09:51	08/24/12 19:53	1
Magnesium	250	U	250	43	ug/L		08/24/12 09:51	08/24/12 19:53	1
Manganese	5.0	U	5.0	1.0	ug/L		08/24/12 09:51	08/24/12 19:53	1
Sodium	500	U	500	250	ug/L		08/24/12 09:51	08/24/12 19:53	1
Nickel	5.0	U	5.0	2.0	ug/L		08/24/12 09:51	08/24/12 19:53	1
Lead	1.5	U	1.5	0.20	ug/L		08/24/12 09:51	08/24/12 19:53	1
Antimony	5.0	U	5.0	2.3	ug/L		08/24/12 09:51	08/24/12 19:53	1
Selenium	2.5	U	2.5	1.0	ug/L		08/24/12 09:51	08/24/12 19:53	1
Thallium	1.0	U	1.0	0.50	ug/L		08/24/12 09:51	08/24/12 19:53	1
Vanadium	10	U	10	3.8	ug/L		08/24/12 09:51	08/24/12 19:53	1
Zinc	20	U	20	8.3	ug/L		08/24/12 09:51	08/24/12 19:53	1
Mercury	0.80	U	0.80	0.40	ug/L		08/24/12 09:51	08/24/12 19:53	1

Lab Sample ID: LCS 680-247644/2-A
Matrix: Water
Analysis Batch: 247778

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 247644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	53.1		ug/L		106	75 - 125
Aluminum	5000	5300		ug/L		106	75 - 125
Arsenic	100	109		ug/L		109	75 - 125
Barium	100	107		ug/L		107	75 - 125
Beryllium	50.0	53.7		ug/L		107	75 - 125
Calcium	5000	5550		ug/L		111	75 - 125
Cadmium	50.0	52.5		ug/L		105	75 - 125
Cobalt	50.0	50.6		ug/L		101	75 - 125
Chromium	100	102		ug/L		102	75 - 125
Copper	100	107		ug/L		107	75 - 125
Iron	5000	5660		ug/L		113	75 - 125
Potassium	5000	5070		ug/L		101	75 - 125
Magnesium	5000	5370		ug/L		107	75 - 125
Manganese	500	508		ug/L		102	75 - 125
Sodium	5000	5310		ug/L		106	75 - 125
Nickel	100	106		ug/L		106	75 - 125
Lead	50.0	53.4		ug/L		107	75 - 125
Antimony	50.0	55.4		ug/L		111	75 - 125
Selenium	100	110		ug/L		110	75 - 125
Thallium	40.0	41.4		ug/L		104	75 - 125
Vanadium	100	101		ug/L		101	75 - 125

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-247644/2-A
Matrix: Water
Analysis Batch: 247778

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 247644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	100	105		ug/L		105	75 - 125
Mercury	5.00	4.82		ug/L		96	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 680-247581/2-A
Matrix: Solid
Analysis Batch: 247785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.215		mg/L		86	80 - 120

Lab Sample ID: MB 680-247616/1-A
Matrix: Water
Analysis Batch: 247933

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		08/23/12 19:40	08/27/12 21:21	1

Lab Sample ID: LCS 680-247616/2-A
Matrix: Water
Analysis Batch: 247933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.47		ug/L		99	80 - 120

Lab Sample ID: 680-82232-9 MS
Matrix: Water
Analysis Batch: 247933

Client Sample ID: AOC 32-3A
Prep Type: Total/NA
Prep Batch: 247616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.092	J	1.00	1.10		ug/L		101	80 - 120

Lab Sample ID: 680-82232-9 MSD
Matrix: Water
Analysis Batch: 247933

Client Sample ID: AOC 32-3A
Prep Type: Total/NA
Prep Batch: 247616

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.092	J	1.00	0.959		ug/L		87	80 - 120	14	20

Lab Sample ID: LB 680-247493/6-C LB
Matrix: Solid
Analysis Batch: 247785

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 247581

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		08/23/12 13:11	08/24/12 18:46	1

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-78703/1
Matrix: Water
Analysis Batch: 78703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Method: 1030 - Ignitability, Solids

Lab Sample ID: MB 680-247525/1
Matrix: Solid
Analysis Batch: 247525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	NB				mm/sec			08/22/12 14:07	1

Lab Sample ID: 680-82232-5 DU
Matrix: Solid
Analysis Batch: 247525

Client Sample ID: AOC 32-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ignitability	NB		NB		mm/sec		NC	

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 680-247803/1-A
Matrix: Water
Analysis Batch: 247873

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 247803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0050	mg/L		08/27/12 09:20	08/27/12 14:13	1

Lab Sample ID: LCS 680-247803/2-A
Matrix: Water
Analysis Batch: 247873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 247803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0500	0.0524		mg/L		105	85 - 115

Lab Sample ID: 680-82232-3 MS
Matrix: Water
Analysis Batch: 247873

Client Sample ID: AOC 32-3
Prep Type: Total/NA
Prep Batch: 247803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.011		0.0500	0.0592		mg/L		97	85 - 115

Lab Sample ID: 680-82232-3 MSD
Matrix: Water
Analysis Batch: 247873

Client Sample ID: AOC 32-3
Prep Type: Total/NA
Prep Batch: 247803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.011		0.0500	0.0631		mg/L		105	85 - 115	7	20

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MB 680-247927/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248006 — **Prep Batch: 247927**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.50	U	0.50	0.21	mg/Kg		08/28/12 07:00	08/28/12 12:36	1

Lab Sample ID: LCS 680-247927/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248006 — **Prep Batch: 247927**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.51		mg/Kg		90	75 - 125

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-247764/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 247764

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.0	U	1.0	1.0	mg/L			08/26/12 08:12	1

Lab Sample ID: LCS 680-247764/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 247764

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	8.25	8.62		mg/L		104	75 - 125

Lab Sample ID: 680-82232-1 MS — **Client Sample ID: AOC 32-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 247764

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	1.0	U	8.25	8.78		mg/L		106	75 - 125

Lab Sample ID: 680-82232-1 MSD — **Client Sample ID: AOC 32-1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 247764

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	1.0	U	8.25	8.62		mg/L		104	75 - 125	2	30

Lab Sample ID: MB 680-248079/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 248134 — **Prep Batch: 248079**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	59	U	59	59	mg/Kg		08/29/12 08:55	08/29/12 12:49	1

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: LCS 680-248079/2-A
Matrix: Solid
Analysis Batch: 248134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 248079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	1950	2170		mg/Kg		111	50 - 150

Method: 9040B - pH

Lab Sample ID: LCS 680-247516/7
Matrix: Water
Analysis Batch: 247516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.050		SU		101	63 - 158

Lab Sample ID: LCS 680-248059/7
Matrix: Water
Analysis Batch: 248059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.040		SU		101	63 - 158

Method: 9045C - pH

Lab Sample ID: LCS 680-247890/1
Matrix: Solid
Analysis Batch: 247890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	79 - 126

QC Association Summary

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

GC/MS VOA

Leach Batch: 247579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	1311	
680-82232-6	AOC 32-6	TCLP	Solid	1311	
680-82232-6 DU	AOC 32-6	TCLP	Solid	1311	
LB 680-247579/4-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 248007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-7	AOC 32-1A	Total/NA	Water	8260B	
LCS 680-248007/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-248007/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-248007/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 248138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	8260B	
LCS 680-248138/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-248138/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-248138/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 248326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	8260B	247579
680-82232-6	AOC 32-6	TCLP	Solid	8260B	247579
680-82232-6 DU	AOC 32-6	TCLP	Solid	8260B	247579
LB 680-247579/4-A LB	Method Blank	TCLP	Solid	8260B	247579
LCS 680-248326/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-248326/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-248326/7	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Leach Batch: 247493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	1311	
680-82232-5 MS	AOC 32-5	TCLP	Solid	1311	
680-82232-5 MSD	AOC 32-5	TCLP	Solid	1311	
680-82232-6	AOC 32-6	TCLP	Solid	1311	
LB 680-247493/6-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 247540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	3520C	
LCS 680-247540/16-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-247540/15-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 247582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	3520C	247493
680-82232-5 MS	AOC 32-5	TCLP	Solid	3520C	247493
680-82232-5 MSD	AOC 32-5	TCLP	Solid	3520C	247493
680-82232-6	AOC 32-6	TCLP	Solid	3520C	247493
LB 680-247493/6-D LB	Method Blank	TCLP	Solid	3520C	247493

GC/MS Semi VOA (Continued)

Prep Batch: 247582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-247582/8-A	Lab Control Sample	Total/NA	Solid	3520C	
MB 680-247582/7-A	Method Blank	Total/NA	Solid	3520C	

Prep Batch: 247805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	3520C	
LCS 680-247805/18-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-247805/17-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 248052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	8270C	247540
680-82232-5	AOC 32-5	TCLP	Solid	8270C	247582
680-82232-5 MS	AOC 32-5	TCLP	Solid	8270C	247582
680-82232-5 MSD	AOC 32-5	TCLP	Solid	8270C	247582
680-82232-6	AOC 32-6	TCLP	Solid	8270C	247582
LB 680-247493/6-D LB	Method Blank	TCLP	Solid	8270C	247582
LCS 680-247540/16-A	Lab Control Sample	Total/NA	Water	8270C	247540
LCS 680-247582/8-A	Lab Control Sample	Total/NA	Solid	8270C	247582
MB 680-247540/15-A	Method Blank	Total/NA	Water	8270C	247540
MB 680-247582/7-A	Method Blank	Total/NA	Solid	8270C	247582

Analysis Batch: 248135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	8270C	247805
LCS 680-247805/18-A	Lab Control Sample	Total/NA	Water	8270C	247805
MB 680-247805/17-A	Method Blank	Total/NA	Water	8270C	247805

GC Semi VOA

Prep Batch: 247512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	8151A	
LCS 680-247512/17-A	Lab Control Sample	Total/NA	Water	8151A	
MB 680-247512/16-A	Method Blank	Total/NA	Water	8151A	

Prep Batch: 247548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	3520C	
680-82232-1 MS	AOC 32-1	Total/NA	Water	3520C	
680-82232-1 MSD	AOC 32-1	Total/NA	Water	3520C	
LCS 680-247548/6-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-247548/5-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 247550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	3520C	
LCS 680-247550/11-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-247550/8-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-247550/16-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 680-247550/7-A	Method Blank	Total/NA	Water	3520C	

GC Semi VOA (Continued)

Prep Batch: 247576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	3546	
680-82232-6	AOC 32-6	Total/NA	Solid	3546	
680-82232-6 MS	AOC 32-6	Total/NA	Solid	3546	
680-82232-6 MSD	AOC 32-6	Total/NA	Solid	3546	
LCS 680-247576/11-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-247576/10-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 247598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	8151A	
680-82232-5 MS	AOC 32-5	Total/NA	Solid	8151A	
680-82232-5 MSD	AOC 32-5	Total/NA	Solid	8151A	
680-82232-6	AOC 32-6	Total/NA	Solid	8151A	
LCS 680-247598/4-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 680-247598/3-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 247699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-247576/11-A	Lab Control Sample	Total/NA	Solid	8015B	247576
MB 680-247576/10-A	Method Blank	Total/NA	Solid	8015B	247576

Analysis Batch: 247745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	8151A	247512
LCS 680-247512/17-A	Lab Control Sample	Total/NA	Water	8151A	247512
MB 680-247512/16-A	Method Blank	Total/NA	Water	8151A	247512

Analysis Batch: 247753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	8015B	247576
680-82232-6	AOC 32-6	Total/NA	Solid	8015B	247576
680-82232-6 MS	AOC 32-6	Total/NA	Solid	8015B	247576
680-82232-6 MSD	AOC 32-6	Total/NA	Solid	8015B	247576

Prep Batch: 247776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	3520C	
680-82232-9 MS	AOC 32-3A	Total/NA	Water	3520C	
680-82232-9 MSD	AOC 32-3A	Total/NA	Water	3520C	
LCS 680-247776/21-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-247776/26-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-247776/29-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-247776/30-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 680-247776/20-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 247799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	8151A	
LCS 680-247799/19-A	Lab Control Sample	Total/NA	Water	8151A	
MB 680-247799/18-A	Method Blank	Total/NA	Water	8151A	

GC Semi VOA (Continued)

Prep Batch: 247810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	3520C	
LCS 680-247810/9-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-247810/8-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 247824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	8081A_8082	247550
LCS 680-247550/11-A	Lab Control Sample	Total/NA	Water	8081A_8082	247550
LCS 680-247550/8-A	Lab Control Sample	Total/NA	Water	8081A_8082	247550
LCSD 680-247550/16-A	Lab Control Sample Dup	Total/NA	Water	8081A_8082	247550
MB 680-247550/7-A	Method Blank	Total/NA	Water	8081A_8082	247550

Analysis Batch: 247888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	8015B	247548
680-82232-1 MS	AOC 32-1	Total/NA	Water	8015B	247548
680-82232-1 MSD	AOC 32-1	Total/NA	Water	8015B	247548
LCS 680-247548/6-A	Lab Control Sample	Total/NA	Water	8015B	247548
MB 680-247548/5-A	Method Blank	Total/NA	Water	8015B	247548

Prep Batch: 248020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	3546	
680-82232-6	AOC 32-6	Total/NA	Solid	3546	
LCS 680-248020/10-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 680-248020/13-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 680-248020/7-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-248020/6-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 248029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	8151A	247598
680-82232-5 MS	AOC 32-5	Total/NA	Solid	8151A	247598
680-82232-5 MSD	AOC 32-5	Total/NA	Solid	8151A	247598
680-82232-6	AOC 32-6	Total/NA	Solid	8151A	247598
LCS 680-247598/4-A	Lab Control Sample	Total/NA	Solid	8151A	247598
MB 680-247598/3-A	Method Blank	Total/NA	Solid	8151A	247598

Analysis Batch: 248065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-247776/21-A	Lab Control Sample	Total/NA	Water	8081A_8082	247776
LCS 680-247776/26-A	Lab Control Sample	Total/NA	Water	8081A_8082	247776
LCS 680-247776/29-A	Lab Control Sample	Total/NA	Water	8081A_8082	247776
LCSD 680-247776/30-A	Lab Control Sample Dup	Total/NA	Water	8081A_8082	247776
MB 680-247776/20-A	Method Blank	Total/NA	Water	8081A_8082	247776

Analysis Batch: 248083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	8081A_8082	247776
680-82232-9 MS	AOC 32-3A	Total/NA	Water	8081A_8082	247776
680-82232-9 MSD	AOC 32-3A	Total/NA	Water	8081A_8082	247776

GC Semi VOA (Continued)

Analysis Batch: 248247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	8015B	247810
LCS 680-247810/9-A	Lab Control Sample	Total/NA	Water	8015B	247810
MB 680-247810/8-A	Method Blank	Total/NA	Water	8015B	247810

Analysis Batch: 248261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	8151A	247799
LCS 680-247799/19-A	Lab Control Sample	Total/NA	Water	8151A	247799
MB 680-247799/18-A	Method Blank	Total/NA	Water	8151A	247799

Analysis Batch: 248360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	8081A_8082	248020
680-82232-6	AOC 32-6	Total/NA	Solid	8081A_8082	248020
LCS 680-248020/10-A	Lab Control Sample	Total/NA	Solid	8081A_8082	248020
LCS 680-248020/13-A	Lab Control Sample	Total/NA	Solid	8081A_8082	248020
LCS 680-248020/7-A	Lab Control Sample	Total/NA	Solid	8081A_8082	248020
MB 680-248020/6-A	Method Blank	Total/NA	Solid	8081A_8082	248020

Metals

Leach Batch: 247493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	1311	
680-82232-6	AOC 32-6	TCLP	Solid	1311	
LB 680-247493/6-C LB	Method Blank	TCLP	Solid	1311	
LB 680-247493/6-E LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 247581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	7470A	247493
680-82232-6	AOC 32-6	TCLP	Solid	7470A	247493
LB 680-247493/6-C LB	Method Blank	TCLP	Solid	7470A	247493
LCS 680-247581/2-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 247616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-7	AOC 32-1A	Total/NA	Water	7470A	
680-82232-9	AOC 32-3A	Total/NA	Water	7470A	
680-82232-9 MS	AOC 32-3A	Total/NA	Water	7470A	
680-82232-9 MSD	AOC 32-3A	Total/NA	Water	7470A	
LCS 680-247616/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-247616/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 247644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-7	AOC 32-1A	Total Recoverable	Water	3005A	
680-82232-9	AOC 32-3A	Total Recoverable	Water	3005A	
LCS 680-247644/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 680-247644/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 247742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	3010A	247493
680-82232-6	AOC 32-6	TCLP	Solid	3010A	247493
LB 680-247493/6-E LB	Method Blank	TCLP	Solid	3010A	247493
LCS 680-247742/17-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 247778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-7	AOC 32-1A	Total Recoverable	Water	6020	247644
680-82232-9	AOC 32-3A	Total Recoverable	Water	6020	247644
LCS 680-247644/2-A	Lab Control Sample	Total Recoverable	Water	6020	247644
MB 680-247644/1-A	Method Blank	Total Recoverable	Water	6020	247644

Analysis Batch: 247785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	7470A	247581
680-82232-6	AOC 32-6	TCLP	Solid	7470A	247581
LB 680-247493/6-C LB	Method Blank	TCLP	Solid	7470A	247581
LCS 680-247581/2-A	Lab Control Sample	Total/NA	Solid	7470A	247581

Analysis Batch: 247871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	TCLP	Solid	6010B	247742
680-82232-6	AOC 32-6	TCLP	Solid	6010B	247742
LB 680-247493/6-E LB	Method Blank	TCLP	Solid	6010B	247742
LCS 680-247742/17-A	Lab Control Sample	Total/NA	Solid	6010B	247742

Analysis Batch: 247933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-7	AOC 32-1A	Total/NA	Water	7470A	247616
680-82232-9	AOC 32-3A	Total/NA	Water	7470A	247616
680-82232-9 MS	AOC 32-3A	Total/NA	Water	7470A	247616
680-82232-9 MSD	AOC 32-3A	Total/NA	Water	7470A	247616
LCS 680-247616/2-A	Lab Control Sample	Total/NA	Water	7470A	247616
MB 680-247616/1-A	Method Blank	Total/NA	Water	7470A	247616

General Chemistry

Analysis Batch: 78703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	1010	
680-82232-9	AOC 32-3A	Total/NA	Water	1010	
LCS 480-78703/1	Lab Control Sample	Total/NA	Water	1010	

Analysis Batch: 247486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	Moisture	
680-82232-6	AOC 32-6	Total/NA	Solid	Moisture	

Analysis Batch: 247516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	9040B	
LCS 680-247516/7	Lab Control Sample	Total/NA	Water	9040B	

General Chemistry (Continued)

Analysis Batch: 247525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	1030	
680-82232-5 DU	AOC 32-5	Total/NA	Solid	1030	
680-82232-6	AOC 32-6	Total/NA	Solid	1030	
MB 680-247525/1	Method Blank	Total/NA	Solid	1030	

Analysis Batch: 247764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	9034	
680-82232-1 MS	AOC 32-1	Total/NA	Water	9034	
680-82232-1 MSD	AOC 32-1	Total/NA	Water	9034	
680-82232-3	AOC 32-3	Total/NA	Water	9034	
LCS 680-247764/2	Lab Control Sample	Total/NA	Water	9034	
MB 680-247764/1	Method Blank	Total/NA	Water	9034	

Prep Batch: 247803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	9012A	
680-82232-3	AOC 32-3	Total/NA	Water	9012A	
680-82232-3 MS	AOC 32-3	Total/NA	Water	9012A	
680-82232-3 MSD	AOC 32-3	Total/NA	Water	9012A	
LCS 680-247803/2-A	Lab Control Sample	Total/NA	Water	9012A	
MB 680-247803/1-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 247873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-1	AOC 32-1	Total/NA	Water	9012A	247803
680-82232-3	AOC 32-3	Total/NA	Water	9012A	247803
680-82232-3 MS	AOC 32-3	Total/NA	Water	9012A	247803
680-82232-3 MSD	AOC 32-3	Total/NA	Water	9012A	247803
LCS 680-247803/2-A	Lab Control Sample	Total/NA	Water	9012A	247803
MB 680-247803/1-A	Method Blank	Total/NA	Water	9012A	247803

Analysis Batch: 247890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	9045C	
680-82232-6	AOC 32-6	Total/NA	Solid	9045C	
LCS 680-247890/1	Lab Control Sample	Total/NA	Solid	9045C	

Prep Batch: 247927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	9012A	
680-82232-6	AOC 32-6	Total/NA	Solid	9012A	
LCS 680-247927/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 680-247927/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 248006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	9012A	247927
680-82232-6	AOC 32-6	Total/NA	Solid	9012A	247927
LCS 680-247927/2-A	Lab Control Sample	Total/NA	Solid	9012A	247927
MB 680-247927/1-A	Method Blank	Total/NA	Solid	9012A	247927

General Chemistry (Continued)

Analysis Batch: 248059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-9	AOC 32-3A	Total/NA	Water	9040B	
LCS 680-248059/7	Lab Control Sample	Total/NA	Water	9040B	

Prep Batch: 248079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	9030B	
680-82232-6	AOC 32-6	Total/NA	Solid	9030B	
LCS 680-248079/2-A	Lab Control Sample	Total/NA	Solid	9030B	
MB 680-248079/1-A	Method Blank	Total/NA	Solid	9030B	

Analysis Batch: 248134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-82232-5	AOC 32-5	Total/NA	Solid	9034	248079
680-82232-6	AOC 32-6	Total/NA	Solid	9034	248079
LCS 680-248079/2-A	Lab Control Sample	Total/NA	Solid	9034	248079
MB 680-248079/1-A	Method Blank	Total/NA	Solid	9034	248079

Lab Chronicle

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-1

Lab Sample ID: 680-82232-1

Date Collected: 08/21/12 08:40

Matrix: Water

Date Received: 08/22/12 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			247540	08/23/12 16:24	RBS	TAL SAV
Total/NA	Analysis	8270C		1	248052	08/27/12 23:13	MJC	TAL SAV
Total/NA	Prep	8151A			247512	08/23/12 08:20	CTR	TAL SAV
Total/NA	Analysis	8151A		1	247745	08/24/12 21:19	SMP	TAL SAV
Total/NA	Prep	3520C			247550	08/23/12 16:24	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1	247824	08/24/12 22:04	JK	TAL SAV
Total/NA	Prep	3520C			247548	08/23/12 16:24	RBS	TAL SAV
Total/NA	Analysis	8015B		1	247888	08/27/12 12:40	JK	TAL SAV
Total/NA	Analysis	1010		1	78703	08/29/12 14:10	ML	TAL BUF
Total/NA	Analysis	9040B		1	247516	08/22/12 19:12	PMC	TAL SAV
Total/NA	Analysis	9034		1	247764	08/26/12 08:12	DAM	TAL SAV
Total/NA	Prep	9012A			247803	08/27/12 09:20	DAM	TAL SAV
Total/NA	Analysis	9012A		1	247873	08/27/12 14:15	DAM	TAL SAV

Client Sample ID: AOC 32-3

Lab Sample ID: 680-82232-3

Date Collected: 08/21/12 08:55

Matrix: Water

Date Received: 08/22/12 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9034		1	247764	08/26/12 08:12	DAM	TAL SAV
Total/NA	Prep	9012A			247803	08/27/12 09:20	DAM	TAL SAV
Total/NA	Analysis	9012A		1	247873	08/27/12 14:17	DAM	TAL SAV

Client Sample ID: AOC 32-5

Lab Sample ID: 680-82232-5

Date Collected: 08/21/12 09:15

Matrix: Solid

Date Received: 08/22/12 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			247579	08/23/12 13:39	SSP	TAL SAV
TCLP	Analysis	8260B		20	248326	08/30/12 14:18	AJMC	TAL SAV
TCLP	Leach	1311			247493	08/22/12 17:52	JS	TAL SAV
TCLP	Prep	3520C			247582	08/23/12 16:24	RBS	TAL SAV
TCLP	Analysis	8270C		1	248052	08/27/12 19:30	MJC	TAL SAV
Total/NA	Prep	3546			247576	08/23/12 15:05	AJW	TAL SAV
Total/NA	Analysis	8015B		1	247753	08/24/12 15:43	JEM	TAL SAV
Total/NA	Prep	8151A			247598	08/23/12 15:18	CTR	TAL SAV
Total/NA	Analysis	8151A		1	248029	08/28/12 11:48	SMP	TAL SAV
Total/NA	Prep	3546			248020	08/29/12 12:00	AJW	TAL SAV
Total/NA	Analysis	8081A_8082		1	248360	08/30/12 02:51	GM	TAL SAV
TCLP	Leach	1311			247493	08/22/12 17:52	JS	TAL SAV
TCLP	Prep	7470A			247581	08/23/12 13:11	UU	TAL SAV
TCLP	Analysis	7470A		1	247785	08/24/12 19:06	UU	TAL SAV
TCLP	Prep	3010A			247742	08/25/12 06:40	VHB	TAL SAV
TCLP	Analysis	6010B		1	247871	08/27/12 13:15	BCB	TAL SAV

Lab Chronicle

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-5

Date Collected: 08/21/12 09:15
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	247486	08/22/12 16:16	FS	TAL SAV
Total/NA	Analysis	1030		1	247525	08/22/12 14:07	MAP	TAL SAV
Total/NA	Analysis	9045C		1	247890	08/27/12 15:40	CMB	TAL SAV
Total/NA	Prep	9012A			247927	08/28/12 07:00	DAM	TAL SAV
Total/NA	Analysis	9012A		1	248006	08/28/12 12:39	DAM	TAL SAV
Total/NA	Prep	9030B			248079	08/29/12 08:55	PMC	TAL SAV
Total/NA	Analysis	9034		1	248134	08/29/12 12:49	DAM	TAL SAV

Client Sample ID: AOC 32-6

Date Collected: 08/21/12 09:20
Date Received: 08/22/12 10:00

Lab Sample ID: 680-82232-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			247579	08/23/12 13:39	SSP	TAL SAV
TCLP	Analysis	8260B		20	248326	08/30/12 14:48	AJMC	TAL SAV
TCLP	Leach	1311			247493	08/22/12 17:52	JS	TAL SAV
TCLP	Prep	3520C			247582	08/23/12 16:24	RBS	TAL SAV
TCLP	Analysis	8270C		1	248052	08/27/12 19:58	MJC	TAL SAV
Total/NA	Prep	3546			247576	08/23/12 15:05	AJW	TAL SAV
Total/NA	Analysis	8015B		1	247753	08/24/12 15:57	JEM	TAL SAV
Total/NA	Prep	8151A			247598	08/23/12 15:18	CTR	TAL SAV
Total/NA	Analysis	8151A		1	248029	08/28/12 12:04	SMP	TAL SAV
Total/NA	Prep	3546			248020	08/29/12 12:00	AJW	TAL SAV
Total/NA	Analysis	8081A_8082		4	248360	08/30/12 03:15	GM	TAL SAV
TCLP	Leach	1311			247493	08/22/12 17:52	JS	TAL SAV
TCLP	Prep	7470A			247581	08/23/12 13:11	UU	TAL SAV
TCLP	Analysis	7470A		1	247785	08/24/12 19:10	UU	TAL SAV
TCLP	Prep	3010A			247742	08/25/12 06:40	VHB	TAL SAV
TCLP	Analysis	6010B		1	247871	08/27/12 13:21	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	247486	08/22/12 16:16	FS	TAL SAV
Total/NA	Analysis	1030		1	247525	08/22/12 14:07	MAP	TAL SAV
Total/NA	Analysis	9045C		1	247890	08/27/12 15:40	CMB	TAL SAV
Total/NA	Prep	9012A			247927	08/28/12 07:00	DAM	TAL SAV
Total/NA	Analysis	9012A		1	248006	08/28/12 12:40	DAM	TAL SAV
Total/NA	Prep	9030B			248079	08/29/12 08:55	PMC	TAL SAV
Total/NA	Analysis	9034		1	248134	08/29/12 12:49	DAM	TAL SAV

Client Sample ID: AOC 32-1A

Date Collected: 08/22/12 16:00
Date Received: 08/23/12 10:00

Lab Sample ID: 680-82232-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	248007	08/28/12 18:49	JD	TAL SAV
Total Recoverable	Prep	3005A			247644	08/24/12 09:51	VHB	TAL SAV

Lab Chronicle

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-1A

Lab Sample ID: 680-82232-7

Date Collected: 08/22/12 16:00
Matrix: Water
Date Received: 08/23/12 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020		1	247778	08/24/12 20:07	BR	TAL SAV
Total/NA	Prep	7470A			247616	08/23/12 19:40	UU	TAL SAV
Total/NA	Analysis	7470A		1	247933	08/27/12 21:37	UU	TAL SAV

Client Sample ID: AOC 32-3A

Lab Sample ID: 680-82232-9

Date Collected: 08/22/12 16:20
Matrix: Water
Date Received: 08/23/12 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	248138	08/29/12 14:08	JD	TAL SAV
Total/NA	Prep	3520C			247805	08/27/12 15:44	RBS	TAL SAV
Total/NA	Analysis	8270C		1	248135	08/28/12 22:11	MJC	TAL SAV
Total/NA	Prep	3520C			247776	08/26/12 16:30	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1	248083	08/28/12 22:00	JK	TAL SAV
Total/NA	Prep	3520C			247810	08/27/12 15:44	RBS	TAL SAV
Total/NA	Analysis	8015B		1	248247	08/29/12 16:29	JK	TAL SAV
Total/NA	Prep	8151A			247799	08/27/12 08:32	CTR	TAL SAV
Total/NA	Analysis	8151A		1	248261	08/29/12 17:33	SMP	TAL SAV
Total Recoverable	Prep	3005A			247644	08/24/12 09:51	VHB	TAL SAV
Total Recoverable	Analysis	6020		1	247778	08/24/12 20:22	BR	TAL SAV
Total/NA	Prep	7470A			247616	08/23/12 19:40	UU	TAL SAV
Total/NA	Analysis	7470A		1	247933	08/27/12 21:28	UU	TAL SAV
Total/NA	Analysis	1010		1	78703	08/29/12 14:51	ML	TAL BUF
Total/NA	Analysis	9040B		1	248059	08/28/12 18:22	LE	TAL SAV

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Westfield
Westfield Executive Park 53 Southampton Road
Westfield, MA 01085
Phone (413) 572-4000 Fax (413) 572-3707

Boston Service Center
240 Bear Hill Rd. Suite 104
Waltham, MA 02451
Phone (781) 466-6900 Fax (781) 466-6901

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact: Greg Birch
Company: HGS Environmental
Address: 160 E. Main Street, 2F
City: Westborough
State, Zip: MA 01581
Phone: 508 366 7442
Email: gbirch@hgsenv.com
Project Name/number: NWIRP Bethpage - Site 1
Site: AOC 32 waste characterization

Sampler: Stacey Lee
Phone: 508 366 7442
Lab PM:
E-Mail:
Carrier Tracking No(s):

COC No:
Page: 1 of 1
Job #:

Due Date Requested: ASAP
TAT Requested (days): 5 day
Quote #:
PO #:
WO #:
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; H - Ascorbic Acid; I - Ice; J - DI Water; M - Hexane; N - None; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; Z - other (specify)

Regulatory programs:
MCP ☐ GW1/S1 ☐
RCP ☐ CT RSR ☐
DEP Form ☐ EDD Required ☐

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Sampler's Initials	Field Filtered Sample?	Perform MS/MSD?	TCLP VOCs 1311/8260B	TCLP SVOCs 1311/8270C	TCLP Metals/Metals 1311/6010C	PCBs 8082	TPH - DRO 8015	cyanide 9012	sulfide 9032	ignitability 1010	Pesticides 8081	Herbicides 8151	corrosivity 9045	Total Number of containers	Special Instructions/Note:
			Preservation Code:																	*
AOC 32-1	8/21/12	0840	G	W	SL	N	N	X	X	X	X	X	X	X	X	X	X	X		TCLP for solids
AOC 32-2		0845		W				X	X	X	X	X	X	X	X	X	X	X		ONLY Regular
AOC 32-3		0855		W				X	X	X	X	X	X	X	X	X	X	X		VOCs, SVOCs T
AOC 32-4		0905		W				X	X	X	X	X	X	X	X	X	X	X		Metals for Aqueous
AOC 32-5		0915		S				X	X	X	X	X	X	X	X	X	X	X		samples
AOC 32-6	8/21/12	0920	G	S	SL	N	N	X	X	X	X	X	X	X	X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Stacey Lee 8/21/12	1230	HGS			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				8/22/12 1000	TAS

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.6/3.2c

TAL-8245-360 1111

130-82132

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job #

Client / Reporting Information

Company Name: H&S Environmental
Street Address: 160 E. Main Street
City: Westborough State: MA Zip: 01581
Project Contact: Greg Birch E-mail: gbirch@hsenv.com
Phone #: Fax #:
Sampler(s) Name(s): Stacey Lee Phone #:

Project Information

Project Name: Bethpage Site 1 UST tank removal
Street:
City:
Project#:
Client PO#:
Project Manager:

Billing Information (If different from Report to)

Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	VOC	Metals	SVOC, PCB, TPH-DRO	Cyanide, sulfide, ignitability	Pesticides, herbicides, corrosivity	LAB USE ONLY
	AOC 32-1A		8/22/12	1600	SL	AQ	2	X	1	X		X					X	X	X			
	AOC 32-2A			1616	SL		2	X	1			1					X	X	X			
	AOC 32-3A			1626	SL		2	X	1			5					X	X	X			
	AOC 32-4A		8/22/12	1636	SL	AQ	2	X	1			3					X	X	X			
	Trip Blank						2	X									X					

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULL T1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

6.0°C

L80-82232 (cont.)

Turnaround Time (Business days)

Approved By (Accutest PM): / Date:

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [x] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Labtink

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date/Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Stacey Lee	8/22/12 1900		2		2
3			3	4		4
5			5	Custody Seal #	Intact / Not Intact	Preserved where applicable / On Ice / Cooler Temp.

8/23/12 0453

Login Sample Receipt Checklist

Client: H&S Environmental, Inc.

Job Number: 680-82232-1

Login Number: 82232

List Source: TestAmerica Savannah

List Number: 1

Creator: Conner, Keaton

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	Missing a cooler
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	one TB vial rec broken/one broken in custody
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: H&S Environmental, Inc.

Job Number: 680-82232-1

Login Number: 82232
List Number: 1
Creator: May, Joel M

List Source: TestAmerica Buffalo
List Creation: 08/25/12 01:11 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Certification Summary

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		0399-01	02-28-13
A2LA	ISO/IEC 17025		399.01	02-28-13
Alabama	State Program	4	41450	06-30-13
Alaska (UST)	State Program	10	UST-104	06-19-13
Arkansas DEQ	State Program	6	88-0692	02-01-13
California	NELAC	9	3217CA	07-31-13
Colorado	State Program	8	N/A	12-31-12
Connecticut	State Program	1	PH-0161	03-31-13
Florida	NELAC	4	E87052	06-30-13
GA Dept. of Agriculture	State Program	4	N/A	12-31-12
Georgia	State Program	4	N/A	06-30-13
Georgia	State Program	4	803	06-30-13
Guam	State Program	9	09-005r	04-17-13
Hawaii	State Program	9	N/A	06-30-13
Illinois	NELAC	5	200022	11-30-12
Indiana	State Program	5	N/A	06-30-13
Iowa	State Program	7	353	07-01-13
Kentucky	State Program	4	90084	12-31-12
Kentucky (UST)	State Program	4	18	02-28-13
Louisiana	NELAC	6	30690	06-30-13
Louisiana	NELAC	6	LA100015	12-31-12
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-12
Massachusetts	State Program	1	M-GA006	06-30-13
Michigan	State Program	5	9925	06-30-13
Mississippi	State Program	4	N/A	06-30-13
Montana	State Program	8	CERT0081	12-31-12
Nebraska	State Program	7	TestAmerica-Savannah	06-30-13
New Jersey	NELAC	2	GA769	06-30-13
New Mexico	State Program	6	N/A	06-30-13
New York	NELAC	2	10842	04-01-13
North Carolina DENR	State Program	4	269	12-31-13
North Carolina DHHS	State Program	4	13701	07-31-13
Oklahoma	State Program	6	9984	08-31-13
Pennsylvania	NELAC	3	68-00474	06-30-13
Puerto Rico	State Program	2	GA00006	01-01-13
Rhode Island	State Program	1	LAO00244	12-30-12
South Carolina	State Program	4	98001	06-30-13
Tennessee	State Program	4	TN02961	06-30-13
Texas	NELAC	6	T104704185-08-TX	11-30-12
USDA	Federal		SAV 3-04	04-07-14
Vermont	State Program	1	87052	11-16-12
Virginia	NELAC	3	460161	06-14-13
Washington	State Program	10	C1794	06-10-13
West Virginia	State Program	3	9950C	12-31-12
West Virginia DEP	State Program	3	94	06-30-13
Wisconsin	State Program	5	999819810	08-31-13
Wyoming	State Program	8	8TMS-Q	06-30-13

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Certification Summary

Client: H&S Environmental, Inc.
Project/Site: Bethpage NWIRP

TestAmerica Job ID: 680-82232-1

Laboratory: TestAmerica Buffalo (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-12
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-12
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-12
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-12
Wisconsin	State Program	5	998310390	08-31-12

APPENDIX C

CONTRACTOR QUALITY CONTROL DAILY REPORTS

Contractor Quality Control Daily Report

Daily Report No. 001-003	NWIRP-BETHPAGE NY 11714	**Day:** WED-FRIDAY	**Date:** SEPT 5-6-7-2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather:	Clear ☒	Partly Cloudy ☐	Cloudy ☐	Temperature(F°)	Min. 78	Max. 70	
Wind:	4.2 MPH	Precipitation:	Rain ☐	Snow ☐	0.00 inches		

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	24	24	H&S Environmental	Excavation
002	PROJECT MANAGER	8	8	EQ	
003	FOREMAN	8	8	EQ	
004	LABOR/OPERATOR	8	8	EQ	
	Total Hours	**48**	**48**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			

Comments:

- None

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator	9-6-12			1	0		
Conex Box	9-6-12			1	0		
Loader SKID STEER	9-7-12			1	0		

Compactor Roller	9-7-12		1	0			
(6) ROLL-OFF CONTAINERS	9-7-12						

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, indentify the work by activity number)*

- Held Safety Orientation for new onsite employees.
- .Conducted housekeeping activities.
- Site Secure. Offsite at 1630 EACH DAY

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments
N/A			

7. Material Received: (Note inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Inspection Results: Accept	Reject	Comments
				N/A		☐	☐	Sand bags
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
N/A				

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
N/A				

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☐
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒
Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- All PPE was properly worn (Hard Hats, Safety Vests, Safety Shoes, Hearing and Eye Protection when required)
- Verified Dig Permit and E&S permit was secured and onsite

Daily Tailgate Safety Topic:

- Site specific training conducted on 9-5-12. No employees from EQ on site remainder of week.

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

- None

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- Notes

12. Planned Activities: *(list anticipated field activities for future work)*

- Continue mobilization and erosion control installation

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **48 hours**	Number of on-site Workdays: **3 days**
Cumulative on-site safety hours to date: **48 hours**	Calendar Days Since Start of Work: **3 days**

14. Attachments:

- Site Control Logs
- WASTE CHAIN OF CUSTODY
- One call clearance and independent utility locate maps.

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent — **Date** 9-7-12

Alt. Contractor Quality Control Systems Manager — **Date**

SITE CONTROL LOG

Date / Day / Time: WEDNES - SEPT 5th 2012

Project Name: BETHPAGE - TANK REMOVAL

Project Location: NWIRP — BETHPAGE NY

Time		Name	Organization
In	Out		
7AM	3 30	Mark Spring	tetra
700	3 30	MATT CONTRACTOR	FERG
7 AM	3 30	John Akkerman	JACOBS
7AM	- 5PM	Hudacon JOHN	H&S

Attn: John Hudacek Fax: (516) 863-4061

CONSUMER MARKOUTS

PRIVATE PROPERTY UTILITY CONSULTING/LOCATING

P.O. BOX 224 • DEER PARK, NY 11729-0224
TEL (631) 680-0500 • FAX (631) 243-4330

Invoice

Attn: Greg Birch
H & S Environmental Inc.
160 E. Main St. Suite 2F
Westborough , MA 01581

Invoice No: 4468
Invoice Date: 8/31/2012

Address of Locate:

@ 999 South Oyster Bay Rd. in Bethpage, NY (for UST removal)

QUANT	DATE	DESCRIPTION		UNIT PRICE	AMOUNT
1	8/30/2012	Locating & Marking Utilities	1/2 Day Rate	$1,250.00	$1,250.00

Field Rep: Hollis Flanagan

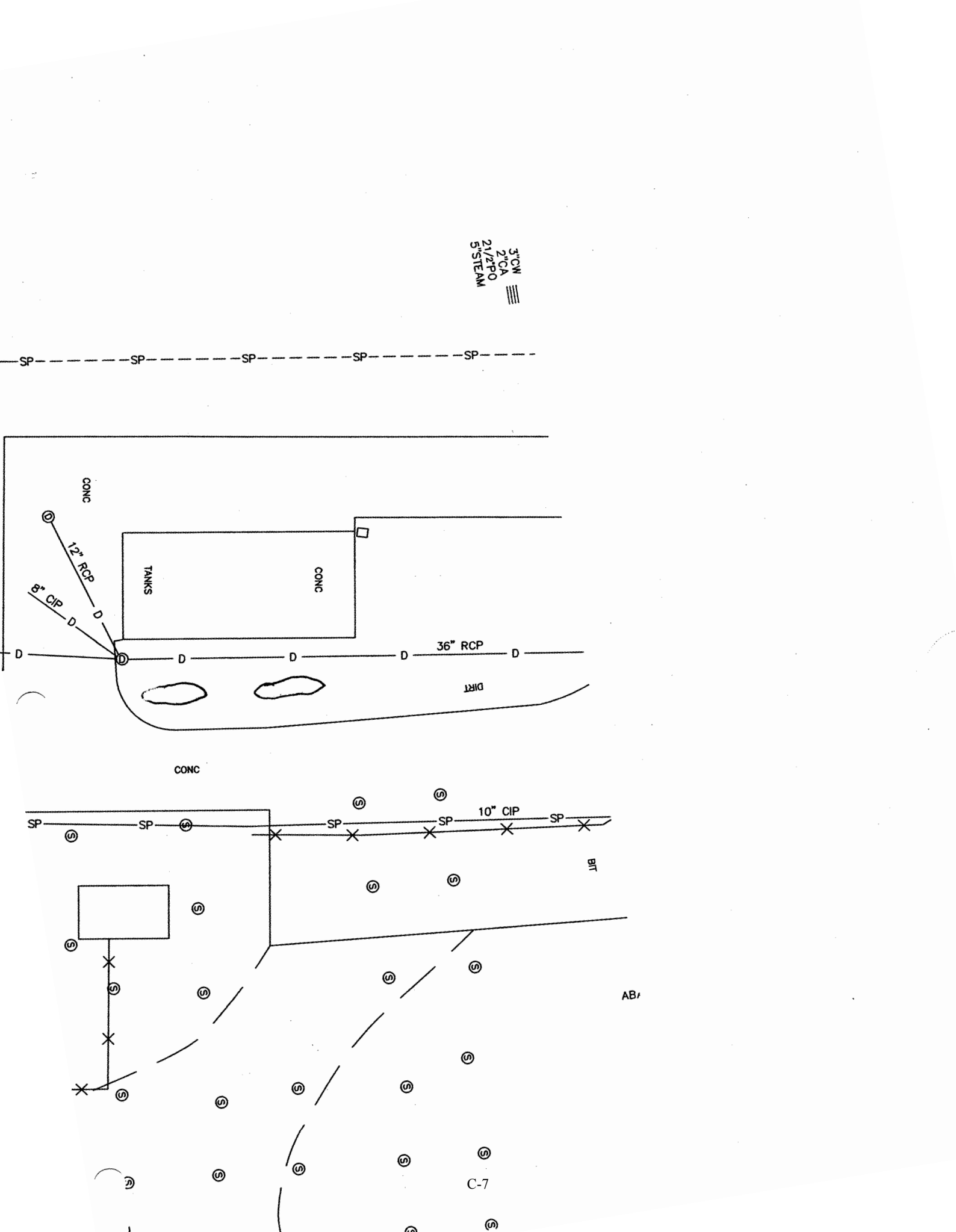
Signature:

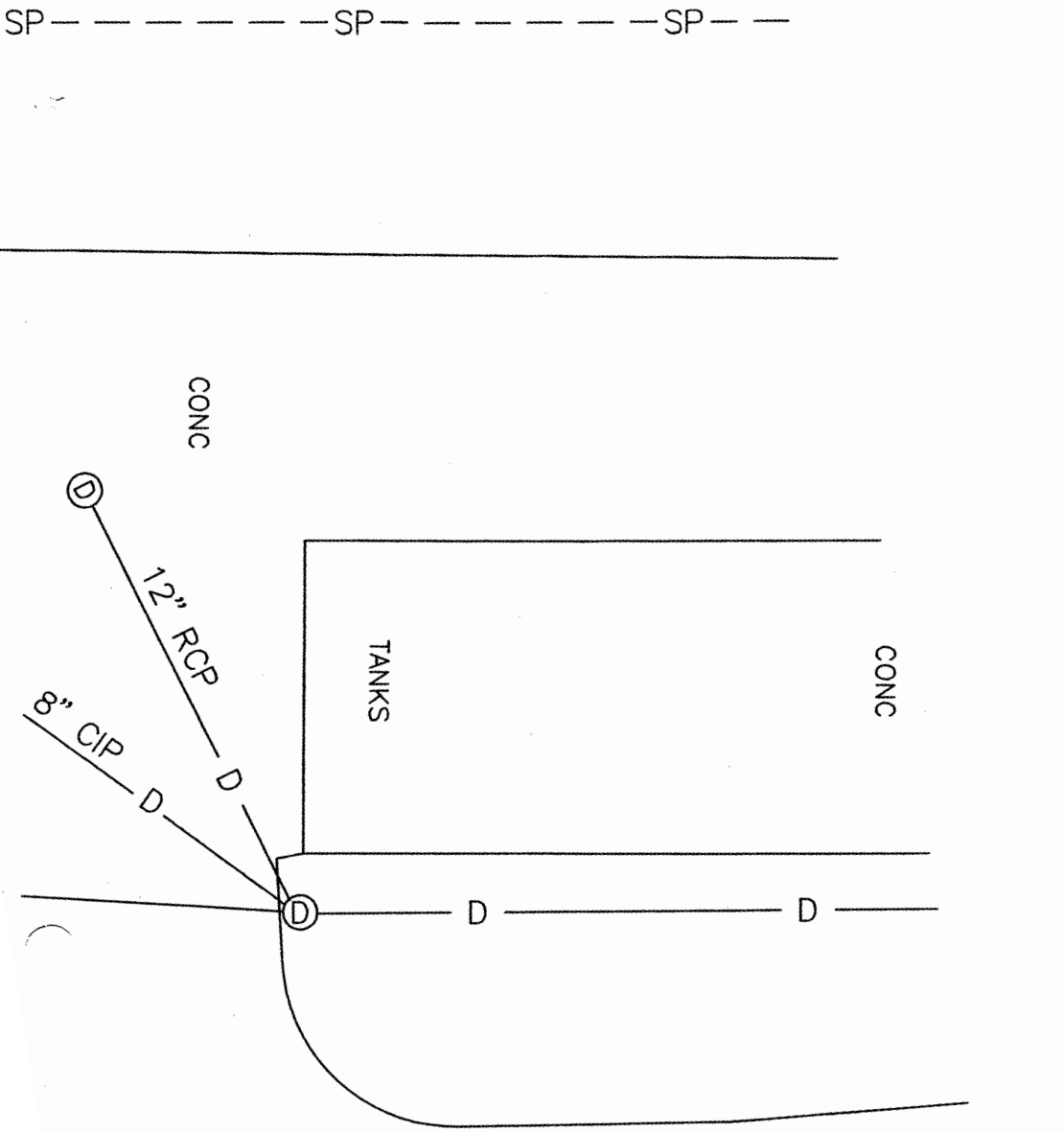
SUBTOTAL:	$1,250.00
	$0.00
Penalties @ 1.5% p/month:	
INVOICE TOTAL:	**$1,250.00**

Remarks/Comments:

Met with John Hudacek on site. Located and field marked out subsurface utilities within a 20' perimeter of the area requested bu John for the tank removal.

All invoices are 30 days net, unless agreed to in writting by both parties. Make checks payable to "Consumer Markouts".


3"CW
2"CA
2 1/2"PO
5"STEAM
SP
SP
SP
SP
SP
CONC
12" RCP
8" CIP
TANKS
CONC
D
36" RCP
DIRT
CONC
SP
SP
SP
SP
10" CIP
SP
BIT
AB


SP
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John Hudacek

From: amonefusco@easternlocating.com
Sent: Thursday, September 06, 2012 3:25 PM
To: John Hudacek
Subject: Response to dig request

==========

To: H&S ENVIORMENTAL Attn: JOHN HUDACEK
Voice: 5164496578 Fax: 8668634061
Re: Response to dig request

As per your Markout request

==========

Ticket: 122430575
County: NASSAU Place: BETHPAGE
Address: 999 S OYSTER BAY RD

LIL (LIL):
Based on the information you provided to the One Call Center, the National Grid & LIPA facilities are clear in the work area.

==========

Any questions, please call 631-567-7800 for Long Island and 718-416-2832 for Manhattan, Queens or Brooklyn

==========

This message was generated by an automated system. Please do not reply to this email.

John Hudacek

From: agt_comm@irth.com
Sent: Wednesday, September 05, 2012 3:02 PM
To: John Hudacek
Subject: Mark Out Request

==========

To: H&S ENVIORMENTAL Attn: JOHN HUDACEK
Voice: 5164496578 Fax: 8668634061
Re: Mark Out Request

This is an important message in regards to your mark out request. Please be advised that:

==========

Ticket: 122430575
County: NASSAU Place: BETHPAGE
Address: 999 S OYSTER BAY RD

VZL:
According to your markout request Verizon's facilities are not in conflict. If you have any questions please feel free to contact Verizon at 516.832.2541

==========

If you have any questions in regards to this response,or mark out request, please contact Verizon at 516.832.2541

==========

This message was generated by an automated system. Please do not reply to this email.

John Hudacek

From: ticketcheck@managetickets.com
Sent: Wednesday, September 12, 2012 2:48 PM
To: John Hudacek
Subject: Ticket Check Status for NY Ticket 122430575

Ticket Number: **122430575**
Location: 999 S OYSTER BAY ROAD BETHPAGE, NY

As of **09/12/2012 14:45:00 EST**, participating facility owners have responded to Ticket Check as follows:

District Code	**Status**
BETHPAGE WATER DISTRICT	Marked
CABLEVISION OF WOODBURY	Not yet responded
HICKSVILLE WATER DISTRICT	Not yet responded
LIPA & NATIONAL GRID	Not yet responded
NASSAU COUNTY TRAFFIC SIGNALS	Not yet responded
TOWN OF OYSTER BAY	Not yet responded
VERIZON COMMUNICATIONS	Clear/No conflict To review this ticket in its entirety, visit Search and Status® on **www.managetickets.com**.

Does not participate in Ticket Check: This member does not post their positive response status back to this system. It does not mean that they were not notified of the request to excavate.

Please direct all questions and concerns to your one call center.

John Hudacek

From: John Akkerman <John.Akkerman@eqonline.com>
Sent: Wednesday, September 12, 2012 4:50 PM
To: Marc Spring; John Geary; Greg Birch; John Hudacek
Subject: FW: Ticket Check Status for NY Ticket 122430844

From: ticketcheck@managetickets.com [mailto:ticketcheck@managetickets.com]
Sent: Wednesday, September 12, 2012 2:48 PM
To: John Akkerman
Subject: Ticket Check Status for NY Ticket 122430844

Ticket Number: **122430844**
Location: 999 SOUTH OYSTER BAY ROAD BETHPAGE, NY

As of **09/12/2012 14:45:00 EST**, participating facility owners have responded to Ticket Check as follows:

District Code	**Status**
BETHPAGE WATER DISTRICT	Clear/No conflict
CABLEVISION OF WOODBURY	Not yet responded
HICKSVILLE WATER DISTRICT	Not yet responded
LONG ISLAND FIBER EXCHANGE	Clear/No conflict
LIPA & NATIONAL GRID	Not yet responded
NASSAU COUNTY TRAFFIC SIGNALS	Not yet responded
TOWN OF OYSTER BAY	Not yet responded
VERIZON COMMUNICATIONS	Clear/No conflict To review this ticket in its entirety, visit Search and Status® on **www.managetickets.com**.

Does not participate in Ticket Check: This member does not post their positive response status back to this system. It does not mean that they were not notified of the request to excavate.

Please direct all questions and concerns to your one call center.

Contractor Quality Control Daily Report

Daily Report No. 004-005	NWIRP-BETHPAGE NY 11714	**Day:** SAT-SUNDAY	**Date:** SEPT 8-9-2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather: Clear ☐ Partly Cloudy ☐ Cloudy ☐ Temperature(F°) Min. Max.

Wind: MPH | Precipitation: Rain ☐ Snow ☐ 0.00 inches

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	0	24	H&S Environmental	Excavation
002	PROJECT MANAGER	0	8	EQ	
003	FOREMAN	0	8	EQ	
004	LABOR/OPERATOR	0	8	EQ	
	Total Hours	**0**	**48**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			

Comments:

- None

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator	9-6-12			5	0		
Conex Box	9-6-12			5	0		
Loader SKID STEER	9-7-12			5	0		

Compactor Roller	9-7-12		5	0			
(6) ROLL-OFF CONTAINERS	9-7-12		5				

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, indentify the work by activity number)*

- NO WORK -WEEKEND

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments
N/A			

7. Material Received: (Note inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Inspection Results		
						Accept	Reject	Comments
				N/A		☐	☐	Sand bags
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
N/A				

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
N/A				

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☐
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒
Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

Daily Tailgate Safety Topic: NONE

Were all activities conducted in accordance with the SSHSP? Yes☐ No☐

- No ACTIVITIES

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- Notes

12. Planned Activities: *(list anticipated field activities for future work)*

- Continue mobilization and erosion control installation

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **0 hours**	Number of on-site Workdays: **3 days**
Cumulative on-site safety hours to date: **48 hours**	Calendar Days Since Start of Work: **5 days**

14. Attachments:

- Site Control Logs
- WASTE CHAIN OF CUSTODY
- One call clearance and independent utility locate maps.

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent — **9-7-12** **Date**

Contractor Quality Control Daily Report

Daily Report No. 006	NWIRP-BETHPAGE NY 11714	**Day:** MONDAY	**Date:** SEPT 10 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather: Clear ☐ Partly Cloudy ☐ Cloudy ☐ Temperature(F°) Min. 59 Max. 77

Wind: MPH 2-5 | Precipitation: Rain ☐ Snow ☐ 0.00 inches

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	12	36	H&S Environmental	Excavation
002	PROJECT MANAGER	8	16	EQ	
003	FOREMAN	8	16	EQ	
004	LABOR/OPERATOR	8	16	EQ	
005	TRUCK DRIVER	8	8	LIOTTA	
	Total Hours	**36**	**92**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			

Comments:

- None

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12		DAILY	6	0		
Conex Box	9-6-12		DAILY	6	0		
Loader SKID STEER S650	9-7-12		DAILY	6	0		

Compactor Roller WACKER	9-7-12	DAILY	6	0			
(6) ROLL-OFF CONTAINERS	9-7-12	DAILY	6				
TRENCH BOX	9-10-12	DAILY	1				

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, indentify the work by activity number)*

- REMOVAL OF COVER SOILS AT TANKS.
- STORE OVERBURDEN IN ROLL OFF CONTAINERS REMOVAL OF COVER SOILS AT TANKS
- COVER AND MOVE CONTAINERS TO STORAGE PAD
- STARTING WITH TANK #2 PUMP OFF (15) DRUMS OF NON-HAZ WATER
- RELOCATE DRUMS TO STORAGE PAD
- REMOVE TANK TOP WITH AIR NIBBLER
- INSTALL EROSION CONTROL AT END OF DAY

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments
AIR MONITORING VOC/DUST MONITORING	AIR/DUST	NO EXCEED	IAW ESTABLISHED LIMITS

7. Material Received: (Note inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Inspection Results		
						Accept	Reject	Comments
1	6	6	SACK	CKD	Y	☒	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
N/A				

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	(15) DRUMS	825 GAL	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒

Contractor Quality Control Daily Report

Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒
Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- ALL ACTIVITIES PERFORMED IN A SAFE MANNER

Daily Tailgate Safety Topic: SITE SPECIFIC AND PREP TOPICS

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

CKD MSDS TO FILE

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- DISCOVERED THAT TANK #2 WAS 8X16.
- 60 ADDITIONAL DRUMS ORDERED FOR INCREASED VOLUME OF LIQUIDS

12. Planned Activities: *(list anticipated field activities for future work)*

- CONTINUE REMOVAL OF LIQUIDS AND SOILS FROM TANKS

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **36 hours**	Number of on-site Workdays: **4 days**
Cumulative on-site safety hours to date: **84 hours**	Calendar Days Since Start of Work: **6 days**

14. Attachments:

- Site Control Logs
- AIR MONITORING LOGS

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent

9-10-12
Date

SITE CONTROL LOG

Date / Day / Time: MONDAY - 9/10/12

Project Name: BETHPAGE AOC 32 TANK REMOVAL

Project Location: NWIRP - BETHPAGE NY

Time		Name	Organization	
In	Out			
6:30	3:30	Mark Spring	EQM	8
6:30	3:30	MATT & COSTANTINO	EQM E	8
6:30	6:30	HUNDALEN JOHN	H&S	12
6:30	3:30	John Grang	EQ	8
8:00	3:30	P. Liotta	Liotta & Sons	8

Center Instruction

Contractor Quality Control Daily Report

Daily Report No. 007	NWIRP-BETHPAGE NY 11714	**Day:** TUESDAY	**Date:** SEPT 11 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.:** **Task Order No.:**	N40085-12-D-1717

Weather: Clear ☒ Partly Cloudy ☐ Cloudy ☐ Temperature(F°) Min. 52 Max. 74

Wind: MPH 2-5 | Precipitation: Rain ☐ Snow ☐ 0.00 inches

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	12	48	H&S Environmental	Excavation
002	PROJECT MANAGER	11	27	EQ	
003	FOREMAN	11	27	EQ	
004	LABOR/OPERATOR	11	27	EQ	
005	TRUCK DRIVER	8	16	LIOTTA	
	Total Hours	**53**	**145**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			

Comments:

- None

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12		DAILY	7	0		
Conex Box	9-6-12		DAILY	7	0		
Loader SKID STEER S650	9-7-12		DAILY	7	0		

Compactor Roller WACKER	9-7-12	DAILY	7	0			
(6) ROLL-OFF CONTAINERS	9-7-12	DAILY	7				
TRENCH BOX	9-10-12	DAILY	2				

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, indentify the work by activity number)*

- TANK #2 PUMP OFF (13) DRUMS OF NON-HAZ LIQUID
- RELOCATE DRUMS TO STORAGE PAD
- PUMP OFF TANK #1 (7) HAZ LIQUIDS
- RELOCATE DRUMS TO STORAGE AREA
- INSTALL EROSION CONTROL AND EXPAND SECONDARY CONTAINMENT AT STORAGE PAD FOR DRUMS

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments
AIR MONITORING VOC/DUST MONITORING	AIR/DUST	NO EXCEED	IAW ESTABLISHED LIMITS

7. Material Received: (Note inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Inspection Results: Accept	Reject	Comments
1	0	6	SACK	CKD	Y	☒	☐	ALL HERE
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	(7) DRUMS	385 GAL/ 97) DRUM	EQ	TO HOLDING AREA

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	(13) DRUMS	1540 GAL /28 DRUM	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒

Contractor Quality Control Daily Report

Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- ALL ACTIVITIES PERFORMED IN A SAFE MANNER

Daily Tailgate Safety Topic: LEL/UEL DANGERS-SPARKING AND EXPLOSION

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- CLIENT NOTIFIED OF CHANGED CONDITION-

12. Planned Activities: *(list anticipated field activities for future work)*

- CONTINUE REMOVAL OF LIQUIDS AND SOILS FROM TANKS

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **53hours**	Number of on-site Workdays: **5 days**
Cumulative on-site safety hours to date: **145 hours**	Calendar Days Since Start of Work: **7 days**

14. Attachments:

- Site Control Logs
- AIR MONITORING LOGS

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent

9-11-12
Date

SITE CONTROL LOG

Date / Day / Time: 9/11/12 - TUESDAY

Project Name: AOC 32 TANK REMOVAL

Project Location: NWIRP - BETHPAGE NY

Time		Name	Organization	
In	Out			
6:30	5:30	John Geary	EQ	11
6:30	5:30	Mark Spring	EQ	11
6:30	5:31	Matt Costantino	EQWL	11
6:30	6:30	Hancock	H&S	12
8:00	4:00	Michael Delerme	LIOTTA	8

H&S

Contractor Quality Control Daily Report

Daily Report No. 008	NWIRP-BETHPAGE NY 11714	**Day:** WENDS.	**Date:** SEPT 12 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather: Clear ☒ Partly Cloudy ☐ Cloudy ☐ Temperature(F°) Min. 55 Max. 71

Wind: MPH 2-5 | Precipitation: Rain ☐ Snow ☐ 0.00 inches

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	10	58	H&S Environmental	Excavation
002	PROJECT MANAGER	0	27	EQ	
003	FOREMAN	10	37	EQ	
004	LABOR/OPERATOR	10	37	EQ	
005	TRUCK DRIVER	8.5	24.5	LIOTTA	
006	PJM	8	8	H&S Environmental	
007	LABOR/OPERATOR	9.5	9.5	EQ	
	Total Hours	**56**	**201**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			
G.BIRCH	PJM	H&S			
K.OSTERMANN	LABOR/OPERATOR	EQ			

Comments:

- None

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12		DAILY	8	8		
Conex Box	9-6-12		DAILY	8	8		

Loader SKID STEER S650	9-7-12	DAILY	8	8	0		
Compactor Roller WACKER	9-7-12	DAILY	8	8			
(6) ROLL-OFF CONTAINERS	9-7-12	DAILY	8	8			
TRENCH BOX	9-10-12	DAILY	3	8			

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, indentify the work by activity number)*

- PUMP OFF TANK #1 (32) HAZ LIQUIDS
- RELOCATE DRUMS TO STORAGE AREA
- (2) BAGS OF CKD INTO TANK #2 TO STABILIZE SOILS.
- BLENDED BAGS WITH SOIL AND REMOVED NON HAZ SOILS INTO (3) ROLL-OFF CONTAINERS
- ROLL-OFFS COVERED AND REMOVED TO STORAGE AREA
- ROLL-OFF CANS WEIGHED FOR DOT REQUIREMENTS

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments
AIR MONITORING VOC/DUST MONITORING	AIR/DUST	NO EXCEED	IAW ESTABLISHED LIMITS

7. Material Received: (Note inspection results and storage provided).

						Inspection Results		
Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Accept	Reject	Comments
1	0	6	SACK	CKD	Y	☒	☐	ALL HERE
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	(32) DRUMS	2145 GAL/39 DRUMS	EQ	TO HOLDING AREA

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	1540 GAL /28 DRUM	EQ	TO HOLDING AREA
SOILS	0	48.33 TON/3 ROLL-OFF	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒
Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Contractor Quality Control Daily Report

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- ALL ACTIVITIES PERFORMED IN A SAFE MANNER

Daily Tailgate Safety Topic: TANK REMOVAL PROCEDURES

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- EQ DELIVERED ADDITIONAL DRUMS FOR LIQUID
- TETRA TECH REP ON SITE TO TAKE SURVEY POINTS FOR SAMPLING

12. Planned Activities: *(list anticipated field activities for future work)*

- CONTINUE REMOVAL OF LIQUIDS AND SOILS FROM TANKS

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **56 hours**	Number of on-site Workdays: **6 days**
Cumulative on-site safety hours to date: **201 hours**	Calendar Days Since Start of Work: **8 days**

14. Attachments:

- Site Control Logs
- AIR MONITORING LOGS
- INITIAL SURVEY POINTS

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent

9-12-12
Date

SITE CONTROL LOG

Date / Day / Time: 9/12/2012 W 0-05.

Project Name: AOC 32

Project Location: NWIRP - BETHPAGE NY

Time		Name	Organization	
In	Out			
0700	1630	Kurt Otterman	EQ	9.5
0630	1630	MATT COSTANTINO	EQ NE	10
✓ 0630	1630	Mark Spring	EQ NE	10
✓ 0800	1600	GREG BIRCH	HSENV	8
✓ 0700	1630	Michael Delemo	GROTTA	8.5
✓ 0630	1630	Hunnicutt Tom	H&S	10

H&S

Contractor Quality Control Daily Report

Daily Report No. 009	NWIRP-BETHPAGE NY 11714	**Day:** THURSDAY	**Date:** SEPT 13 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather: Clear ☒ Partly Cloudy ☐ Cloudy ☐ Temperature(F°) Min. 57 Max. 77

Wind: MPH 2-5 | Precipitation: Rain ☐ Snow ☐ 0.00 inches

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	12	70	H&S Environmental	Excavation
002	PROJECT MANAGER	0	27	EQ	
003	FOREMAN	12	49	EQ	
004	LABOR/OPERATOR	12	49	EQ	
005	TRUCK DRIVER	8	32.5	LIOTTA	
006	PJM	12	20	H&S Environmental	
007	LABOR/OPERATOR	0	9.5	EQ	
007	NYS DEC	1	1	NYS DEC TANK INSPECTION	
	Total Hours	**57**	**258**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			
G.BIRCH	PJM	H&S			
K.OSTERMANN	LABOR/OPERATOR	EQ			
HUGH CIRRITO	NYS DEC TANK	INSPECTOR			

Comments:

- **NYS DEC TANK CLOSURE INSPECTOR ON SITE TODAY**

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12		DAILY	9	8		

Conex Box	9-6-12			8			
Loader SKID STEER S650	9-7-12	DAILY	9	8			
Compactor Roller WACKER	9-7-12	DAILY	9	8			
(6) ROLL-OFF CONTAINERS	9-7-12	DAILY	9	8			
TRENCH BOX	9-10-12	DAILY	4	8			

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, indentify the work by activity number)*

- PUMP OFF REMAINING TANK #1 (15) HAZ LIQUIDS
- RELOCATE DRUMS TO STORAGE AREA
- REMOVE TANK TOP WITH AIR NIBBLER
- (1) BAGS OF CKD INTO TANK #1 TO STABILIZE SOILS.
- BLENDED BAGS WITH SOIL AND REMOVED HAZ SOILS INTO (1) ROLL-OFF CONTAINERS
- ROLL-OFFS COVERED AND REMOVED TO STORAGE AREA
- ROLL-OFF CANS WEIGHED FOR DOT REQUIREMENTS
- REMOVED TANK #2 AND #1 PLACED ON POLY BARRIER AWAY FROM EXCAVATION
- NYS DEC INSPECTOR ON SITE TO VIEW TANKS

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments

AIR MONITORING VOC/DUST MONITORING	AIR/DUST	NO EXCEED	IAW ESTABLISHED LIMITS

7. Material Received: (Note inspection results and storage provided).

						Inspection Results		
Item	**Daily Quantity**	**Cumulative Quantity**	**Units**	**Description**	**Storage Provided**	**Accept**	**Reject**	**Comments**
1	0	6	SACK	CKD	Y	☒	☐	ALL HERE
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	(15) DRUMS	2970 GAL/54 DRUMS	EQ	TO HOLDING AREA
SOILS	12.06 TON	12.06 TON	EQ	TO HOLDING AREA

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	1540 GAL /28 DRUM	EQ	TO HOLDING AREA
SOILS	0	48.33 TON/3 ROLL-OFF	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒
Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- ALL ACTIVITIES PERFORMED IN A SAFE MANNER

Daily Tailgate Safety Topic: SHARP OBJECTS AND EDGES

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

AIR MONITORING SWITCHED FROM MANUAL TO DATA LOGGING

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- NYS DEC REP ON SITE FOR INSPECTION
- TETRA TECH REP ON SITE TO TAKE SURVEY POINTS FOR SAMPLING

12. Planned Activities: *(list anticipated field activities for future work)*

- CLEANING AND TRANSPORTATION OF SCRAPPED TANKS

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **57 hours**	Number of on-site Workdays: **7 days**
Cumulative on-site safety hours to date: **258 hours**	Calendar Days Since Start of Work: **9 days**

14. Attachments:

- Site Control Logs

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent

9-12-12
Date

SITE CONTROL LOG

Date / Day / Time: 9/13/12 THURSDAY

Project Name: AOC 32

Project Location: NWIRP – BETHPAGE NY

Time		Name	Organization	
In	Out			
7am	7pm	Marc Spring	EQNE	12
630	620	MATT COSTANTINO	EQNE	12
620	620	Hadsell BH	H&S	12
10:50	11:15	HUGH CIRRITO	NYS DEC	1
630	630	GROG BUCH	H&S	12
700pm	300	LOITTA –	LOITTA TRUCK	8

Contractor Quality Control Daily Report

Daily Report No. 010	NWIRP-BETHPAGE NY 11714	**Day:** FRIDAY	**Date:** SEPT 14 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather: Clear ☒ Partly Cloudy ☐ Cloudy ☐ Temperature(F°) Min. 59 Max. 75

Wind: MPH 2-5 | Precipitation: Rain ☐ Snow ☐ 0.00 inches

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	12	82	H&S Environmental	Excavation
002	PROJECT MANAGER	0	27	EQ	
003	FOREMAN	8.5	57.5	EQ	
004	LABOR/OPERATOR	8.5	57.5	EQ	
005	TRUCK DRIVER	7.5	40	LIOTTA	
006	PJM	12	32	H&S Environmental	
007	LABOR/OPERATOR	8.5	18	EQ	
007	NYS DEC	0	1	NYS DEC TANK INSPECTION	
	Total Hours	**57**	**315**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			
G.BIRCH	PJM	H&S			
K.OSTERMANN	LABOR/OPERATOR	EQ			
HUGH CIRRITO	NYS DEC TANK	INSPECTOR			

Comments:

- **NONE**

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12		DAILY	10	8		

Conex Box	9-6-12			8			
Loader SKID STEER S650	9-7-12	DAILY	10	8			
Compactor Roller WACKER	9-7-12	DAILY	10	8			
(6) ROLL-OFF CONTAINERS	9-7-12	DAILY	10	8			
TRENCH BOX	9-10-12	DAILY	5	8			

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, identify the work by activity number)*

- CLEAN AND WASH TANKS TO PREPARE FOR TRANSPORTATION
- LOAD TANKS IN ROLL-OFF FOR DISPOSAL
- TRANSPORT TANK #1 FROM SITE
- ACCUMULATE (1) DRUM OF NON-HAZ WATER FROM CLEANING TANK #2
- ACCUMULATE (1) DRUM OF HAZ WATER FROM CLEANING TAANK #1
- PERFORMED TANK GRAVE SAMPLING
- INSTALLED SAFETY BARRIERS TO PREVENT INJURY FROM EXCAVATION.
- INSTALLED LOCKING FENCE AROUND HAZ WAST ACCUMULATION AREA
- INSTALLED PROPER SIGNAGE AT HAS WAST STORAGE AREA
- SITE WIDE HOUS KEEPING

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA
CLOSURE SAMPLING	9-14-12	SOILS			

Other Testing

Type of Testing Performed		Results of Testing	Comments
AIR MONITORING VOC/DUST MONITORING	AIR/DUST	NO EXCEED	IAW ESTABLISHED LIMITS

7. Material Received: (Note inspection results and storage provided).

						Inspection Results		
Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Accept	Reject	Comments
1	0	6	SACK	CKD	Y	☒	☐	ALL HERE
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	(1) DRUM	3025 GAL/55 DRUMS	EQ	TO HOLDING AREA
SOILS	0	12.06 TON	EQ	TO HOLDING AREA

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	(1) DRUM	1595 GAL /29 DRUM	EQ	TO HOLDING AREA
SOILS	0	48.33 TON/3 ROLL-OFF	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒
Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- ALL ACTIVITIES PERFORMED IN A SAFE MANNER

Daily Tailgate Safety Topic: COMPLACENCY

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

AIR MONITORING SWITCHED FROM MANUAL TO DATA LOGGING

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- ADDITIONAL SURVEY POINTS REQUESTED FROM TT.
- CLIENT REMINDED h&s ABOUT PROPER SECURITY AT HAZ WASTE STORAGE AREA.

12. Planned Activities: *(list anticipated field activities for future work)*

- BACKFILL AND COMPACTION OF EXCAVATION
- TRANSPORTATION OF SOILS AND WATER TO DISPOSAL FACILITY
- RESTORATION AND DEMOBILIZATION

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **57 hours**	Number of on-site Workdays: **8 days**
Cumulative on-site safety hours to date: **315 hours**	Calendar Days Since Start of Work: **10 days**

14. Attachments:

- Site Control Logs
- CHAIN OF CUSTODY
- SAMPLE LOCATIONS
- PID/VOC READINGS OF SAMPLES
- RECYCLE TICKETS FROM TANKS

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent **9-14-12**
Date

SITE CONTROL LOG

Date / Day / Time: 9/14/12

Project Name: AOC 32

Project Location: BETHPAGE NY - NWIRP

Time		Name	Organization	
In	Out			
7AM	330	MARL SPRING	EQNT	8.5
7AM	330	KURT OSTERMAN	EQ	8.5
7AM	330	MATT COSTANTINO	EQ	8.5
8AM	330	LIOTTA TRUCKING	LIOTTA	7.5
630	630	HLADECK JOHN	EQ	12
630	630	BIRCH GREG	EQ	12

H&S

NATIONAL CONSTRUCTION RENTALS®
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Ticket

Page: 1

Customer # 30054046
Our Office # (201) 215-3362
Inside Salesperson: ROBERT

Ticket # 664947
Delivery Date: 9/13/2012
Delivery Yard: BAYONNE, NJ [3101]
Terms: DUE UPON RECEIPT
Purchase Order #

Job Site # 30054046-0001

H AND S ENVIRONMENTAL
160 EAST MAIN ST SUITE 2F
WESTBOROUGH, MA 01581

Job Address: 999 SOUTH OYSTER BAY ROAD
Cross St:
City: BETHPAGE, NY 11714
Job Name: 999 SOUTH OSYTER BAY RD

Map Page: **Grid:**

Ordered By: JOHN HUDACEK
Phone: 516-449-6578
Other Phone: 516-449-6578

Site Contact: JOHN HUDACEK
Site Phone: 516-4496578

Qty Delivered	Qty Ordered	UOM	Description	From/Thru	Rate	Extended Total
15	17	EA	SAND BAG(S)	09/13/12	$8.00	$136.00
144 FT	204	FT	6 FT TEMPORARY PANELS	09/13/12 - 03/13/13	$3.59	$732.36

Special Instructions:
COD CHARGE CUSTOMER CREDIT CARD
OENDING CREDIT ACCOUNT

Subtotal:	$868.36
Tax:	$74.90
Total:	$943.26
COD Payment Received:	$0.00
Net Total:	$943.26

01 - CONSTRUCTION

INSTALLER USE ONLY

CORE DRILLING _____ at _____ plf= _____
OTHER CHARGES _____ at _____ plf= _____
❑ Core Drilling ❑ Hillside ❑ Hand carry
Authorized Signature for Above _____

Paid by: ❑ Cash ❑ Credit Card ❑ Check #_____

Time Confirmed 11:00 AM Date 9/14/12 Time Arrived 8:00AM Date 9/14/12 County Nassau
Foreman Andrew Knight (Print Name) Helper Kevin Ashley (Print Name)

COD-PAYMENT DUE AT JOBSITE
Minimum Order: $450.00

Lessee agrees to be bound by the terms and conditions stipulated on the reverse of the contract. Lessee must call to order removal of rental equipment. Lessor requires 10 working days for removal upon notice of termination of lease. Lessee agrees to all additional charges, including but not limited to core drilling, hand carry, hillside, inaccessible, etc. Lessor, as defined in paragraph 1 of the Terms and Conditions on the reverse side hereof (Lessor), agrees to furnish the property/equipment specified above for installation and one trip removal. Additional trips for repair, relocation or removal will be billed at Lessor's prevailing rate. After thirty (30) calendar days, if any amount due has not been paid in full, Lessor shall have the right to remove rental equipment and terminate this Contract. In addition, Lessee agrees to pay Lessor's attorney's fees and other costs incurred to enforce payment of delinquent bills.

Lessee HUDACEK TOM (Print Name) Lessee Signature H&S Date 9/14/12

White- Billing Yellow- Customer

Contractor Quality Control Daily Report

Daily Report No. 011-012	NWIRP-BETHPAGE NY 11714	**Day:** WEEKEND	**Date:** SEPT 15-16 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather:	Clear ☒	Partly Cloudy ☐	Cloudy ☐	Temperature(F°)	Min.	Max.
Wind:	MPH 2-5	Precipitation:	Rain ☐	Snow ☐	0.00 inches	

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	0	82	H&S Environmental	Excavation
002	PROJECT MANAGER	0	27	EQ	
003	FOREMAN	0	57.5	EQ	
004	LABOR/OPERATOR	0	57.5	EQ	
005	TRUCK DRIVER	0	40	LIOTTA	
006	PJM	0	32	H&S Environmental	
007	LABOR/OPERATOR	0	18	EQ	
007	NYS DEC	0	1	NYS DEC TANK INSPECTION	
	Total Hours	**0**	**315**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			
G.BIRCH	PJM	H&S			
K.OSTERMANN	LABOR/OPERATOR	EQ			
HUGH CIRRITO	NYS DEC TANK	INSPECTOR			

Comments:

- **NONE**

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12		DAILY	10			

Conex Box	9-6-12							
Loader SKID STEER S650	9-7-12	DAILY	12					
Compactor Roller WACKER	9-7-12	DAILY	12					
(6) ROLL-OFF CONTAINERS	9-7-12	DAILY	12					
TRENCH BOX	9-10-12	DAILY	7					

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, identify the work by activity number)*

- NO WORK

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA
CLOSURE SAMPLING	9-14-12	SOILS			

Other Testing

Type of Testing Performed		Results of Testing	Comments
NON			

Contractor Quality Control Daily Report

7. Material Received: (Note inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Inspection Results		
						Accept	Reject	Comments
1	0	6	SACK	CKD	Y	☒	☐	ALL HERE
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	3025 GAL/55 DRUMS	EQ	TO HOLDING AREA
SOILS	0	12.06 TON	EQ	TO HOLDING AREA

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	1595 GAL /29 DRUM	EQ	TO HOLDING AREA
SOILS	0	48.33 TON/3 ROLL-OFF	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒
Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- NO ACTIVITIES

Daily Tailgate Safety Topic: NONE

Were all activities conducted in accordance with the SSHSP? Yes☐ No☐

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- ADDITIONAL SURVEY POINTS REQUESTED FROM TT.
- CLIENT REMINDED H&S ABOUT PROPER SECURITY AT HAZ WASTE STORAGE AREA.

12. Planned Activities: *(list anticipated field activities for future work)*

- BACKFILL AND COMPACTION OF EXCAVATION
- TRANSPORTATION OF SOILS AND WATER TO DISPOSAL FACILITY
- RESTORATION AND DEMOBILIZATION

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **0 hours**	Number of on-site Workdays: **8 days**
Cumulative on-site safety hours to date: **315 hours**	Calendar Days Since Start of Work: **12 days**

14. Attachments:

- NONE

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent

9-15/16-12
Date

Contractor Quality Control Daily Report

Daily Report No. 013	NWIRP-BETHPAGE NY 11714	**Day:** MONDAY	**Date:** SEPT 17 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather: Clear ☒ Partly Cloudy ☐ Cloudy ☐ Temperature(F°) Min. 52 Max. 73

Wind: MPH 2-5 | Precipitation: Rain ☐ Snow ☐ 0.00 inches

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	12	94	H&S Environmental	Excavation
002	PROJECT MANAGER	0	27	EQ	
003	FOREMAN	8	65.5	EQ	
004	LABOR/OPERATOR	8	65.5	EQ	
005	TRUCK DRIVER	8	48	LIOTTA	
006	PJM	0	32	H&S Environmental	
007	LABOR/OPERATOR	0	18	EQ	
007	NYS DEC	0	1	NYS DEC TANK INSPECTION	
007	SAMPLE TECH	8	8	H&S Environmental	
	Total Hours	**44**	**359**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			
G.BIRCH	PJM	H&S			
K.OSTERMANN	LABOR/OPERATOR	EQ			
HUGH CIRRITO	NYS DEC TANK	INSPECTOR			
CHRIS ROBERSON	SAMPLE TECH	H&S			

Comments:

- **NONE**

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12		DAILY	13			

Conex Box	9-6-12						
Loader SKID STEER S650	9-7-12	DAILY	13				
Compactor Roller WACKER	9-7-12	DAILY	13				
(6) ROLL-OFF CONTAINERS	9-7-12	DAILY	13				
TRENCH BOX	9-10-12	DAILY	8				

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, identify the work by activity number)*

- PLACED FABRIC BARRIER IN BOTTOM OF EXCAVATION
- DUMPED OVER BURDEN AT BOTTOM OF EXCAVATION
- COMPACTED IN LIFTS
- ACCEPTED DELIVERY OF (2) LOADS OF PIPE SAND FOR BACKFILLING
- TESTING LAB ON SITE FOR COMACTION VALIDATION
- EXCAVATED FUEL LINE TO BUILDING, FILLED WITH EXPANSION FOAM AND CAPPED WITH FERNCO FITTING
- INSPECTED SITE WITH FACILITY MANAGER AND LEFT 6 INCH BELOW GRADE FOR ASPHALT WORK
- LOADED REMAINING TANK AND SHIPPED FOR RECYCLING.
- SITE HOUSEKEEPING AND DEMOBILIZATION PREP.
- HAD TT ENGINEER SHOOT ADDITIONAL SURVEY POINTS TO ASSIST IN SAMPLE LOCATIONS.

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA
CLOSURE SAMPLING	9-14-12	SOILS			SEE DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments
NONE			

7. Material Received: (Note inspection results and storage provided).

						Inspection Results		
Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Accept	Reject	Comments
1	0	6	SACK	CKD	Y	☒	☐	ALL HERE
2	60 TON	60	TON	PIPE SAND FOR BACK FILL	N	☒	☐	INSTALLED
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	3025 GAL/55 DRUMS	EQ	TO HOLDING AREA
SOILS	0	12.06 TON	EQ	TO HOLDING AREA

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	1595 GAL /29 DRUM	EQ	TO HOLDING AREA
SOILS	0	48.33 TON/3 ROLL-OFF	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
N/A				

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒
Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- ALL WORK PERFORMED WITHOUT ISSUES

Daily Tailgate Safety Topic: NOISE VIBRATION

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- EXCESS BACKFILL MATERIALS GIVEN TO STEEL EQUITIES
- STEEL EQUITIES INSPECTS JOB SITE AND APPROVES COMPLETED WORK ZONE

12. Planned Activities: *(list anticipated field activities for future work)*

- DEMOBE OF EXCESS MATERIALS AND EQUIPMENT

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **44 hours**	Number of on-site Workdays: **9 days**
Cumulative on-site safety hours to date: **359hours**	Calendar Days Since Start of Work: **13 days**

14. Attachments:

- SITE CONTROL LOGS
- CLEAN FILL CERTS
- TROXLER TESTING

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent

9-17-12
Date

SITE CONTROL LOG

Date / Day / Time: 9/17/12 MONDAY

Project Name: AOC 32

Project Location: BETHPAGE NY NWIRP

Time		Name	Organization	
In	Out			
7DM	3 00	[illegible]	LONG	8
7 00	3 00	[illegible]	H&S	8
7 00	3 00	[illegible]	ERNE	8
7 00	5 00	HUDSON	H&S	12
7 00	3 00	TRUCK DRIVER	LIO TTA	8

Contractor Quality Control Daily Report

Daily Report No. 014	NWIRP-BETHPAGE NY 11714	**Day:** TUESDAY	**Date:** SEPT 18 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather:	Clear ☒	Partly Cloudy ☐	Cloudy ☐	Temperature(F°)	Min. 58	Max. 75	
Wind:	MPH 2-5	Precipitation:	Rain ☐	Snow ☐	0.00 inches		

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	10	104	H&S Environmental	Excavation
002	PROJECT MANAGER	0	27	-EQ	
003	FOREMAN	8	73.75	EQ	
004	LABOR/OPERATOR	8	73.75	EQ	
005	TRUCK DRIVER	0	48	LIOTTA	
006	PJM	0	32	H&S Environmental	
007	LABOR/OPERATOR	0	18	EQ	
007	NYS DEC	0	1	NYS DEC TANK INSPECTION	
007	SAMPLE TECH	8	16	H&S Environmental	
	Total Hours	**34**	**393**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			
G.BIRCH	PJM	H&S			
K.OSTERMANN	LABOR/OPERATOR	EQ			
HUGH CIRRITO	NYS DEC TANK	INSPECTOR			
CHRIS ROBERSON	SAMPLE TECH	H&S			

Comments:

- **NONE**

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12		DAILY	14			

Conex Box	9-6-12							
Loader SKID STEER S650	9-7-12	DAILY	14					
Compactor Roller WACKER	9-7-12	DAILY	14					
(6) ROLL-OFF CONTAINERS	9-7-12	DAILY	14					
TRENCH BOX	9-10-12	DAILY	9					

Comments:

- All equipment arrived onsite undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, identify the work by activity number)*

- PACK-UP SITE
- ADDITIONAL WASTE SAMPLES TAKEN FROM SOIL CONTAINERS

4. Three Phase Control Activities Performed:

Definable Features of Work (from Work plan)		Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA
CLOSURE SAMPLING	9-14-12	SOILS			SEE DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments
ADDITIONAL SOIL SAMPLING			SEE DATA REPORTS

7. Material Received: (Note inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Inspection Results: Accept	Reject	Comments
1	0	6	SACK	CKD	Y	☒	☐	ALL HERE
2	0	60	TON	PIPE SAND FOR BACK FILL	N	☒	☐	INSTALLED
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property.

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	3025 GAL/55 DRUMS	EQ	TO HOLDING AREA
SOILS	0	12.06 TON	EQ	TO HOLDING AREA

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	1595 GAL /29 DRUM	EQ	TO HOLDING AREA
SOILS	0	48.33 TON/3 ROLL-OFF	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
STEEL	10.65 TON	10.65	LIOTTA	SAME

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) CONTAINERS ON SITE (4) HAVE SOILS (2) EMPTY AWAITING PICK-UP

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒
Lifting Straps/Cables	☐	Fire Extinguishers	☒	Flammables	☒

Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- ALL WORK PERFORMED WITHOUT ISSUES

Daily Tailgate Safety Topic: LIFTING RIGGING DANGERS

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- SITE CONSOLIDATED –EQUIPMENT SCHEDULED FOR REMOVAL IN AM
- SOILS HAZ CAN # RT 3030
- SOILS NON HAZCAN RT 3033,2908,3406
- EMPTY TO RETURN 3488,3448

12. Planned Activities: *(list anticipated field activities for future work)*

- DEMOBE OF EXCESS MATERIALS AND EQUIPMENT

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **34 hours**	Number of on-site Workdays: **10 days**
Cumulative on-site safety hours to date: **393 hours**	Calendar Days Since Start of Work: **14 days**

14. Attachments:

- SITE CONTROL LOGS
- CHAIN OF CUSTODY

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent

9-18-12
Date

SITE CONTROL LOG

Date / Day / Time: 9/18/11 TUESDAY

Project Name: AOC 32

Project Location: BETHPAGE NY NWIRP

Time		Name	Organization	
In	Out			
700	500	Hudson Tom	H&S	10
7:00	300	[illegible] Rosier	H&S	8
700	300	[illegible]	EQNE	8
700	300	MATT COSTANTINO	EQNE	8

393

Contractor Quality Control Daily Report

Daily Report No. 015	NWIRP-BETHPAGE NY 11714	**Day:** WENDS.	**Date:** SEPT 19 2012
Project Title:	AOC-32 PCE UNDERGROUND STORAGE TANK REMOVAL	**Contract No.: Task Order No.:**	N40085-12-D-1717

Weather: Clear ☒ Partly Cloudy ☐ Cloudy ☐ Temperature(F°) Min. 60 Max. 74

Wind: MPH 2-5 Precipitation: Rain ☐ Snow ☐ 0.00 inches

1. Contractor / Subcontractor / Employees onsite and Area of Responsibility:

Number	Trade	Daily Hours	Cumulative Hours	Employee / Employer	Location / Description Of Work
001	SSHO/CQCSM	10	114	H&S Environmental	Excavation
002	PROJECT MANAGER	0	27	EQ	
003	FOREMAN	8	81.5	EQ	
004	LABOR/OPERATOR	8	81.5	EQ	
005	TRUCK DRIVER	0	48	LIOTTA	
006	PJM	0	32	H&S Environmental	
007	LABOR/OPERATOR	8	26	EQ	
007	NYS DEC	0	1	NYS DEC TANK INSPECTION	
007	SAMPLE TECH	0	16	H&S Environmental	
	Total Hours	**34**	**427**		

Personnel Name	Trade	Employer	Personnel Name	Trade	Employer
John Hudacek	SSHO/CQCSM	H&S			
John Akkerman	PJM	EQ			
Marc Spring	Foreman	EQ			
Matt costazario	Labor/operator	EQ			
John Geary	PJM	EQ			
P.LIOTTA	DRIVER	LIOTTA			
G.BIRCH	PJM	H&S			
K.OSTERMANN	LABOR/OPERATOR	EQ			
HUGH CIRRITO	NYS DEC TANK	INSPECTOR			
CHRIS ROBERSON	SAMPLE TECH	H&S			

Comments:

- **NONE**

2. Equipment Usage: *(Not Hand Tools)*

Plant / Equipment	Arrival Date	Departure Date	Date Of last Safety Check	Days on Rent	Hours Used	Hours Idle	Hours Repair
Excavator CAT 318	9-6-12	9-19-12					

Conex Box	9-6-12	9-19-12					
Loader SKID STEER S650	9-7-12	9-19-12					
Compactor Roller WACKER	9-7-12	9-19-12					
(6) ROLL-OFF CONTAINERS	9-7-12						
TRENCH BOX	9-10-12	9-19-12					

Comments:

- All equipment LEFT SITE undamaged and in good working order

3. Work Performed Today: *(Indicate location & description of work performed by prime contractor and/or subcontractor. When schedule network analysis is used, identify the work by activity number)*

- DEMOB OF ALL EQUIPMENT, STORAGE CONTAINERS AND EXCESS MATERIALS

4. Three Phase Control Activities Performed:

	Definable Features of Work (from Work plan)	Meetings / Inspections Completed *(attach minutes of meetings/inspections to DQCR)*		
		Preparatory	Initial	Follow-up
01	Mobilization / Site Preparation	9-5-12	9-5-12	9-7-12
02	UST REVOVAL	9-10-12	9-10-12	9-18-12
03	DEMOB	9-19-12	9-19-12	9-19-12

5. Submittals Reviewed:

Submittal Number	Specification / Plan Reference	Reviewed By:	Action by Government: (FIO or GA)	Approval Received: (Date)
N/A				

6. Tests Performed and Test Results:

Laboratory Analytical Testing

Type of Sample	Sample Date	Matrix	Sample ID Number	Analyses Requested	Comments
WASTE CAR.	8-21/22-12				SEE SAMPLING DATA
CLOSURE SAMPLING	9-14-12	SOILS			SEE DATA

Other Testing

Type of Testing Performed		Results of Testing	Comments
ADDITIONAL SOIL SAMPLING			SEE DATA REPORTS

Contractor Quality Control Daily Report

7. Material Received: (Note inspection results and storage provided).

Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Inspection Results: Accept	Inspection Results: Reject	Comments
1	0	6	SACK	CKD	Y	☒	☐	ALL HERE
2	0	60	TON	PIPE SAND FOR BACK FILL	N	☒	☐	INSTALLED
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	
						☐	☐	

8. Offsite Surveillance Activities: *(visits to suppliers, fabricators, quarries, machining facilities, etc)*

Supplier or Facility Visited	Supplier Representative Name	Product Supplied	Results of Visit
N/A			

9. Transportation and Disposal of Liquids, Solids, Recyclable Steel, and Government Property

Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	3025 GAL/55 DRUMS	EQ	TO HOLDING AREA
SOILS	0	12.06 TON	EQ	TO HOLDING AREA

Non-Hazardous Transportation and Disposal

Waste Type	Daily Volume	Cumulative Volume	Transporter	Disposal Facility
WATER	0	1595 GAL /29 DRUM	EQ	TO HOLDING AREA
SOILS	0	48.33 TON/3 ROLL-OFF	EQ	TO HOLDING AREA

Recyclable Material Transportation and Management

Material Type	Daily Volume	Cumulative Volume	Transporter	Receiving Facility
STEEL	0	10.65	LIOTTA	SAME

Government Property Management

Description	Date of Disposition	Receiving Agency / Facility
N/A		

Comments:

- (6) CONTAINERS ON SITE (4) HAVE SOILS (2) EMPTY AWAITING PICK-UP

10. Job Safety: *(List items checked results, instructions, and corrective actions taken)*

Inspections Conducted:

Heavy Equipment	☒	Vehicles	☐	Power Cords/Tools	☒
Lifting Straps/Cables	☒	Fire Extinguishers	☒	Flammables	☒

Contractor Quality Control Daily Report

Personnel PPE	☒	Traffic Control	☒	Overhead Lines	☐

Comments: (include violations, corrective measures, damaged or compromised equipment, etc):

- ALL WORK PERFORMED WITHOUT ISSUES

Daily Tailgate Safety Topic: LOADING EQUIPMENT-BLIND SPOTS

Were all activities conducted in accordance with the SSHSP? Yes☒ No☐

11. Remarks: *(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)*

- ALL EQUIPMENT REMOVED FROM SITE
- SOILS HAZ CAN # RT 3030
- SOILS NON HAZCAN RT 3033,2908,3406
- EMPTY TO RETURN 3488,3448

12. Planned Activities: *(list anticipated field activities for future work)*

- SHIPMENT OF LIQUIDS AND SOILS TO DISPOSAL FACILITY

13. Safety Hours: *(list daily and cumulative*

Daily on-site safety hours including subcontractors: **34 hours**	Number of on-site Workdays: **11 days**
Cumulative on-site safety hours to date: **427 hours**	Calendar Days Since Start of Work: **15 days**

14. Attachments:

- NONE

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials ands equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as may be noted above.

Site Superintendent

9-19-12
Date

APPENDIX D

PHOTO LOG

Manway opening Tank 2 North

Manway opening Tank 1 South

Removal of Overburden

Exposure of #2 Tank

Overburden and Exposure for #2 Tank

#2 Tank Ready for opening

Tank Vent Pipe

Pump set-up for Fluid Removal

Removal of Fluids

Fluids and Soils removed from Tanks

Exposure of Tank #1

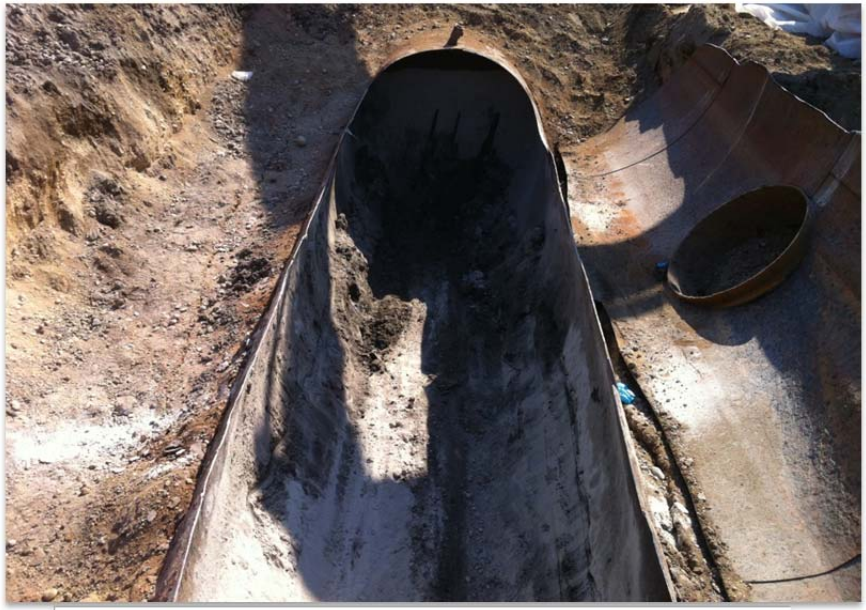
Container for Shipping Tank

Overview of both Exposed Tanks

Removal of Tank To Access Fliuid and Sedement

Pumping of Contaminated Water

Tank #1 Cleaned of Fluid and Sediment



Condition Post Removal of Fluid and Sediment

Condition Post Removal of Fluid and Sediment

Extracted Tank

North side Tank #2

West side of Tank #2

South side of Tank #1

Extracted Tank

Bottom of Tank #1

Hazardous Waste Storage Area (Liquids)

Compation of Tank Excavation Area

Back-fill Operation of Tank Excavation

Compaction of Tank Excavation Area

Hazardous Waste Storage Area

Backfilled to Elevation Acceptable to Facility Manager

Paving of Excavation Area

Soil Containers for Disposal

APPENDIX E
LIOTTA & SONS – METAL RECYLER

(DAY 6) 70242

LIOTTA & SONS INC.

3966 Long Beach Road, Island Park, NY 11558 • 516-432-7085 • Fax: 516-432-6710
www.liottaandsons.com

Name: EQ Northeast **Date:** 9/7/12

Ship To: 919 Southaptorbay rd.
Bellmore NY start 7AM

Driver: Mike D- roll-off

Concrete Sand	**Yards/Tons**	
Fine Sand	**Yards/Tons**	
Screened Topsoil	**Yards/Tons**	
Compost	**Yards/Tons**	
_____ **Mulch**	**Yards/Tons**	
_____ **Gravel**	**Yards/Tons**	
Recycled Concrete Blend	**Yards/Tons**	
Fill	**Yards/Tons**	
_____ **Stone**	**Yards/Tons**	
Salt Sand	**Yards/Tons**	
Misc. 5K steel Tank	**Yards/Tons**	4.75
Truck Hire / Waiting Time	**Hours**	
Removal of: _____	**Yards**	

10# 62255

Marc Spring - 508-702-1012

Accepted by: **Date:**

Delivery to curb only — driver crosses curb, sidewalk or driveway at owner's risk.

go empty 1st (DAY 5) 70241

LIOTTA & SONS INC.

3966 Long Beach Road, Island Park, NY 11558 • 516-432-7085 • Fax: 516-432-6710
www.liottaandsons.com

Name: EQ Northeast **Date:** 9/4/12

Ship To: 919 Southoyster Bay rd
Bellmore NY start 8AM

Driver: Mike D.

Concrete Sand	**Yards/Tons**	
Fine Sand	**Yards/Tons**	
Screened Topsoil	**Yards/Tons**	
Compost	**Yards/Tons**	
_____ **Mulch**	**Yards/Tons**	
_____ **Gravel**	**Yards/Tons**	
Recycled Concrete Blend	**Yards/Tons**	
Fill	**Yards/Tons**	
_____ **Stone**	**Yards/Tons**	
Salt Sand	**Yards/Tons**	
Misc. 6 K Steel Tank	**Yards/Tons**	5.9
Truck Hire / Waiting Time	**Hours**	
Removal of: _____	**Yards**	

PO# 62255

Marc Spring site supervisor # 508-902-7098

Accepted by: **Date:**

Delivery to curb only — driver crosses curb, sidewalk or driveway at owner's risk.

APPENDIX F
WASTE DISPOSAL MANEFESTS

NONHAZARDOUS WASTE MANIFEST

Please type (or print)

1. Generator's US EPA ID No. NON HAZARDOUS — Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address
US Navy/NWIRP Bethpage
999 South Oyster Bay Road - Bethpage, NY 11714

4. Generator's Phone (516 346-0344)

A. Nonhazardous Waste Manifest Document Number: UIS A 0373443

B. G.S.I. (Gen. Site Address)
US Navy/NWIRP Bethpage
999 South Oyster Bay Road
Bethpage, NY 11714

5. Transporter 1 Company Name: UNITED INDUSTRIAL SERVICES
6. US EPA ID Number: C T D 0 2 1 8 1 6 8 8 9

C. S.T.I. (Trans. Lic. Plate #) V78607

7. Transporter 2 Company Name
8. US EPA ID Number

D. Tran. Phone (203) 238-6745

9. Designated Facility Name and Site Address
BRIDGEPORT UNITED RECYCLING
50 CROSS STREET
BRIDGEPORT, CT 06610
10. US EPA ID Number: C T D 0 0 2 5 9 3 8 8 7

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility's ID (Not Required)

H. Facility's Phone 203 3341666

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON DOT / NON RCRA REGULATED MATERIAL NONE,NONE,,NONE	029	DM	01595	G	EPA NONE / STATE CN04
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials Listed Above
a. Non hazardous aqueous waste
c.
b.
d.

K. Handling Codes for Wastes Listed Above

a. Interim	a. Final	c. Interim	c. Final
H130			
b.		d.	

15. Special Handling Instructions and Additional Information
EMERGENCY PH# (203)238-6745
UNITED INDUSTRIAL SERVICES
a) ERG# N/A - P082712004LMN1

Point of Departure:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
LORA B. FLY		11	01	12

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JAN MACISZEK		11	01	12

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Deborah Duquette	F-1	11	02	12

COPY 2 FACILITY MAILS TO GENERATOR

UNITED INDUSTRIAL SERVICES
DIVISION OF UNITED OIL RECOVERY, INC.

CORPORATE OFFICE
47 GRACEY AVENUE
MERIDEN, CT 06451
TELEPHONE (888) 276-0887
FAX (203) 630-4415

"An Equal Opportunity Employer"

Re: Manifest received at Bridgeport United Recycling, Inc.
Bridgeport, CT

To Whom This May Concern:

Enclosed is a completed copy of a Uniform Hazardous Waste Manifest or a Non-Hazardous Waste Manifest regarding waste received at our facility on 11-2-12

This copy, together with the copy of the manifest you retain when the waste was initially shipped, must be retained in your files as proof that the waste was transported and received by an authorized, designated facility.

Our storage and treatment methods are as follows:

- H141 Storage
- H135 Water Treatment
- H061 Fuel Blending*

*All products of our fuel blending process are burned for energy recovery.

Thank you for choosing a United facility for your treatment and recycling needs. For additional information, please visit our website at www.unitedindustrialservices.com. To schedule a tour of our facility, please call (888) 276-0887 or email us at csa@unitedindustrialservices.com.

Very truly yours,

William C. Morris
Environmental Director

WCM/clm

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD002047976	1	(203)238-6745	010742140 JJK

GENERATOR

5. Generator's Name and Mailing Address

US Navy/NWIRP Bethpage
999 South Oyster Bay Road - Bethpage, NY 11714
Generator's Phone: 516 346-0344

Generator's Site Address (if different than mailing address)

US Navy/NWIRP Bethpage
999 South Oyster Bay Road
Bethpage, NY 11714

6. Transporter 1 Company Name: UNITED INDUSTRIAL SERVICES — U.S. EPA ID Number: CTD021516889

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

BRIDGEPORT UNITED RECYCLING
50 CROSS STREET - BRIDGEPORT, CT 06610
Facility's Phone: 203 3341666

U.S. EPA ID Number: CTD002593887

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, WASTE, HAZARDOUS WASTE, LIQUID, N.O.S. (Vinyl Chloride), 9, PGIII, RQ	55	DM	3025	G	D043
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1) ERG # 171 - P092712002H1SO

EMERGENCY PH# (203)238-6745

UNITED INDUSTRIAL SERVICES

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lora D. FLY — Signature — Month 11 Day 01 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JAN MAGDZIK — Signature — Month 11 Day 01 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Deborah Duquette — Signature — Month 11 Day 02 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

UNITED
INDUSTRIAL
SERVICES
DIVISION OF UNITED OIL RECOVERY, INC.

CORPORATE OFFICE
47 GRACEY AVENUE
MERIDEN, CT 06451
TELEPHONE (888) 276-0887
FAX (203) 630-4415

"An Equal Opportunity Employer"

Re: Manifest received at Bridgeport United Recycling, Inc.
Bridgeport, CT

To Whom This May Concern:

Enclosed is a completed copy of a Uniform Hazardous Waste Manifest or a Non-Hazardous Waste Manifest regarding waste received at our facility on 11-2-12.

This copy, together with the copy of the manifest you retain when the waste was initially shipped, must be retained in your files as proof that the waste was transported and received by an authorized, designated facility.

Our storage and treatment methods are as follows:

- H141 Storage
- H135 Water Treatment
- H061 Fuel Blending*

*All products of our fuel blending process are burned for energy recovery.

Thank you for choosing a United facility for your treatment and recycling needs. For additional information, please visit our website at www.unitedindustrialservices.com. To schedule a tour of our facility, please call (888) 276-0887 or email us at csa@unitedindustrialservices.com.

Very truly yours,

William C. Morris
Environmental Director

WCM/clm

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number Non-Hazardous	2. Page 1 of 1	3. Emergency Response Phone 800-426-9878	4. Waste Tracking Number 077864

5. Generator's Name and Mailing Address
US Navy/NWIRP Bethpage
999 South Oyster Bay Road-Bethpage, NY 11714
516-346-0344
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy/NWIRP
999 South Oyster Bay Road
Bethpage, NY 11714

6. Transporter 1 Company Name: EQ NORTHEAST INC. — U.S. EPA ID Number: MAD084814136

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: CLEAN EARTH OF NORTH JERSEY
105 Jacobus Ave
South Kearny, NJ 07032
973-344-1493
Facility's Phone:
U.S. EPA ID Number: NJD991291105

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON RCRA, NON DOT REGULATED SOLID MATERIAL (SOIL) NONE, NONE, NONE	1	CM	15	YDS
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343

Decal # 33573

R+ 3406

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Lora D. Fly — Signature — Month 11 Day 20 Year 12

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID HARPER — Signature — Month 11 Day 20 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

RECEIVED PENDING MANIFEST

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Robert Fixter TR — Signature — Month 11 Day 20 Year 12

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

CLEANEARTH
Faster, smarter, greener solutions.

GENERATOR US NAVY

MAN. NO. 077864

TRANSPORTER E.Q. North East

VEHICLE ID. RT 3406

DRIVER ON OFF

REMARKS:

IN

69380 LB

09:20 AM 11/20/12

OUT

36080 LB

05:33 PM 11/20/12

33,300
WEIGHER

4. Waste Tracking Number 077864

ailing address)
ay Road

S. EPA ID Number CAD044814136

S. EPA ID Number

S. EPA ID Number
JD991291105

Total antity	12. Unit Wt./Vol.	
	VOL	

EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343

RT 3406

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Lisa D. Fly | Signature | Month: 11 | Day: 20 | Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID NAYLOR | Signature | Month: 11 | Day: 20 | Year: 12

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

33,300 LBS

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

[redacted]

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

169-BLS-C 6 10497 (Rev. 8/06)

COPY

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Non-Hazardous	1	800-426-9878	077861

5. Generator's Name and Mailing Address
US Navy/NWIRP Bethpage
999 South Oyster Bay Road-Bethpage, NY 11714
Generator's Phone: 516-346-0344

Generator's Site Address (if different than mailing address)
US Navy/NWIRP
999 South Oyster Bay Road
Bethpage, NY 11714

6. Transporter 1 Company Name: EQ NORTHEAST INC. — U.S. EPA ID Number: MAD084814136

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: CLEAN EARTH OF NORTH JERSEY
105 Jacobus Ave
South Kearny, NJ 07032
Facility's Phone: 973-344-1493
U.S. EPA ID Number: NJD991291105

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. NON RCRA, NON DOT REGULATED SOLID MATERIAL (SOIL) NONE, NONE, NONE	1	CM	20	YD
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343
Profile # 35571
CAN # RTD9CP

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Lisa D. Fig — Signature — Month: 11 Day: 20 Year: 12

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID HARPER — Signature — Month: 11 Day: 20 Year: 12
Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

17. Discrepancy
17a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
32,880 lbs
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
RECEIVED PENDING MANIFEST REVIEW AND QUALITY CONTROL
17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Joe Ennis — Signature — Month: 11 Day: 20 Year: 12

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLS-C 6 10497 (Rev. 8/06) COPY

CLEANEARTH
...smarter, greener solutions...

IN

68980 LB

03:19 PM 11/20/12

OUT

36100 LB

05:33 PM 11/20/12

32,880
WEIGHER

WEIGH-TRONIX®

GENERATOR US Navy

MAN. NO. 077861

TRANSPORTER EQ Northeast

VEHICLE ID. RT 2904

DRIVER ON OFF

REMARKS:

4. Waste Tracking Number
077861

alling address)

ay Road

. EPA ID Number
AD084814136

. EPA ID Number

. EPA ID Number

D991291105

Total ntity	12. Unit Wt./Vol.	
	YD	

EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year
11 | 20 | 12

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year
11 | 20 | 12

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy

17a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

32,880 LBS

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

RECEIVED PENDING MANIFEST
REVIEW AND QUALITY CONTROL

17c. Signature of Alternate Facility (or Generator) Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year
11 | 20 | 12

169-BLS-C 6 10497 (Rev. 8/06) COPY

RT 303 D

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Non-Hazardous	1	800-426-9878	077862

5. Generator's Name and Mailing Address

US Navy/NWIRP Bethpage
999 South Oyster Bay Road-Bethpage, NY 11714
Generator's Phone: 516-346-0344

Generator's Site Address (if different than mailing address)

US Navy/NWIRP
999 South Oyster Bay Road
Bethpage, NY 11714

6. Transporter 1 Company Name — **U.S. EPA ID Number**

EQ NORTHEAST INC. — MAD084814136

7. Transporter 2 Company Name — **U.S. EPA ID Number**

8. Designated Facility Name and Site Address — **U.S. EPA ID Number**

CLEAN EARTH OF NORTH JERSEY
105 Jacobus Ave
South Kearny, NJ 07032
B.L. - 973-374-4004 - Cathy
~~201-997-9449~~
Facility's Phone: 973-344-1493 — NJD991291105

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON RCRA, NON DOT REGULATED SOLID MATERIAL (SOIL) NONE, NONE, NONE	1	CM	16	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343

33572

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Lora D. Fry — Signature: Lora D. Fry — Month: 11 Day: 28 Year: 12

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert McAlister — Signature: X Robert McAlister — Month: 11 Day: 28 Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

17. Discrepancy

17a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Recd: 30,040 — Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

RECEIVED PENDING MANIFEST REVIEW AND QUALITY CONTROL

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Robert FIXTER JR — Signature: Robert Fixter JR — Month: 11 Day: 29 Year: 12

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLS-C 6 10497 (Rev. 8/06) TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST | 1. Generator ID Number: Non-Hazardous | 2 Page 1 of 1 | 3. Emergency Response Phone: 800-426-9878 | 4. Manifest Tracking Number: 077863

GENERATOR

5. Generator's Name and Mailing Address
US Navy/NWIRP Bethpage
999 South Oyster Bay Road-Bethpage, NY 11714
Generator's Phone: 516-346-0344

Generator's Site Address (if different than mailing address)
US Navy/NWIRP
999 South Oyster Bay Road
Bethpage, NY 11714

6. Transporter 1 Company Name
EQ NORTHEAST INC.
U.S. EPA ID Number: MAD084814136

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CLEAN EARTH OF NORTH JERSEY
105 Jacobus Ave
South Kearny, NJ 07032
Facility's Phone: 973-344-1493
U.S. EPA ID Number: NJD991291105

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON RCRA, NON DOT REGULATED SOLID MATERIAL (SOIL) NONE, NONE, NONE	1	CM	16	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Lora B. Fly | Signature | Month: 11 | Day: 27 | Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert McAllister | Signature | Month: 11 | Day: 27 | Year: 12
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Recd: 30,260
Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Robert Fixter TR | Signature | Month: 11 | Day: 28 | Year: 12

169-BLS-C 6 10497 (Rev. 8/06) TRANSPORTER #1

CLEANEARTH
Faster, smarter, greener solutions...

GENERATOR US NAVY

MAN. NO. 077863

TRANSPORTER EQ

VEHICLE ID. RT3033

DRIVER ON OFF

REMARKS:

IN

66680 LB

07:13 AM 11/28/12

OUT

36420 LB

10:25 AM 11/28/12

30,260
WEIGHER

WEIGH-TRONIX

Waste Tracking Number
077863

g address)

Road

PA ID Number
084814136

PA ID Number

PA ID Number

191291105

	12. Unit Wt./Vol.
	T

[redacted]

Instructions and Additional Information

EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Lora B. Fly | Signature: [signature] | Month: 11 | Day: 27 | Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert McAllister | Signature: Robert McAllister | Month: 11 | Day: 27 | Year: 12

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Recd: 30,260

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

[redacted]

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Robert Fixter JR III | Signature: Robert Fixter JR | Month: 11 | Day: 28 | Year: 12

APPENDIX G
RCRA CONTAINER STORAGE AREA CHECKLIST

#1

RCRA Container Storage Area Checklist

Date: 9/14/2012 Time: 1630 Inspector's Name: JOHN HUDACEK

Checked/ Observations/ Repairs made	Requirement	Regulatory Citation
	Satellite Accumulation Area	
	Is waste accumulated at or near the point of generation and "under the control of the operator"?	§262.34(c)(1)
	Container is marked with the words "Hazardous Waste" or other identifying information.	§262.34(c)(1)
N/A	Container has less than 55 gallons of HW or less than 1 quart of acute HW.	§262.34(c)(1)
	Container is in good condition and non-leaking.	§265.171
	Waste is compatible with container that it is stored in.	§265.172
	Container is closed except when adding or removing waste.	§265.173(a)
	90-Day Container Storage Area	
	Container Requirements — Part 262	
→ NO JH	Container is marked with the accumulation start date.	§262.34(a)(2)
YES JH	Container is marked with the words "Hazardous Waste."	§262.34(a)(3)
	Container Requirements — Part 265, Subpart I	
YES JH	Container is in good condition and non-leaking.	§265.171
YES JH	Waste is compatible with container that it is stored in.	§265.172
YES JH	Container is closed except when adding or removing waste.	§265.173(a)
YES JH	Container not stored in a way that would cause it to spill or leak.	§265.173(b)
YES JH 1ST	Weekly inspections are conducted. #1	§265.174
N/A	Ignitable and reactive wastes are stored at least 15 meters (50 feet) from facility's property line.	§265.176
	Pre-Transport Requirements — Part 262, Subpart C	
	Packaging: Containers meet all applicable standards for the type of waste they hold. (See DOT regs at 49 *CFR* Parts 173, 178, and 179.)	§262.30
	Labeling (DOT Warning Labels): (See DOT Regs under 49 *CFR* 172).	§262.31
N/A AT THIS TIME	Marking: Containers of 119 gallons or less must comply with DOT regs at 49 *CFR* Part 172. This includes the "proper shipping name" — 49 *CFR* 172.301. Containers must also be marked with the following words and information: 1. "HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency." 2. Generator's name and address. 3. Generator's EPA ID number. 4. Manifest tracking number.	§262.32
	Preparedness and Prevention — Part 265, Subpart C	
YES JH	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
YES #1-3 NO #4	Facility must be equipped with (unless hazards posed would not require): ✓ 1. Internal communications to signal emergency to facility personnel. ✓ 2. Communication device to alert local emergency response personnel. ✓ 3. Fire extinguishers. NO 4. Fire suppression: adequate water supply or foam producing equipment.	§265.32
YES JH	Testing and maintenance of equipment.	§265.33
YES JH	Immediate access to communication equipment when handling hazardous waste.	§265.34
YES JH	Adequate aisle space.	§265.35

[1]Required by §§262.34(a)(1) and 262.34(d).
[2]Required by §§262.34(a)(4) and 262.34(d).

Source: Adapted from EPA Region 9.

RCRA Container Storage Area Checklist

Date: 9/20/2012 Time: 1430 Inspector's Name: JOHN HUDACEK

Checked/ Observations/ Repairs made	Requirement	Regulatory Citation
	Satellite Accumulation Area	
	Is waste accumulated at or near the point of generation and "under the control of the operator"?	§262.34(c)(1)
	Container is marked with the words "Hazardous Waste" or other identifying information.	§262.34(c)(1)
N/A	Container has less than 55 gallons of HW or less than 1 quart of acute HW.	§262.34(c)(1)
	Container is in good condition and non-leaking.	§265.171
	Waste is compatible with container that it is stored in.	§265.172
	Container is closed except when adding or removing waste.	§265.173(a)
	90-Day Container Storage Area	
	Container Requirements — Part 262	
YES	Container is marked with the accumulation start date. CORRECTED FROM PREVIOUS	§262.34(a)(2)
YES	Container is marked with the words "Hazardous Waste."	§262.34(a)(3)
	Container Requirements — Part 265, Subpart I	
YES	Container is in good condition and non-leaking. 55 HAZ / 29 NON HAZ	§265.171
YES	Waste is compatible with container that it is stored in.	§265.172
YES	Container is closed except when adding or removing waste.	§265.173(a)
YES	Container not stored in a way that would cause it to spill or leak.	§265.173(b)
YES	Weekly inspections are conducted. #2	§265.174
N/A	Ignitable and reactive wastes are stored at least 15 meters (50 feet) from facility's property line.	§265.176
	Pre-Transport Requirements — Part 262, Subpart C	
	Packaging: Containers meet all applicable standards for the type of waste they hold. (See DOT regs at 49 *CFR* Parts 173, 178, and 179.)	§262.30
	Labeling (DOT Warning Labels): (See DOT Regs under 49 *CFR* 172).	§262.31
N/A AT THIS TIME	Marking: Containers of 119 gallons or less must comply with DOT regs at 49 *CFR* Part 172. This includes the "proper shipping name" — 49 *CFR* 172.301. Containers must also be marked with the following words and information: 1. "HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency." 2. Generator's name and address. 3. Generator's EPA ID number. 4. Manifest tracking number.	§262.32
	Preparedness and Prevention — Part 265, Subpart C	
YES	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
YES # 1-3 NO # 4	Facility must be equipped with (unless hazards posed would not require): ✓1. Internal communications to signal emergency to facility personnel. ✓2. Communication device to alert local emergency response personnel. ✓3. Fire extinguishers. NO 4. Fire suppression: adequate water supply or foam producing equipment.	§265.32
YES	Testing and maintenance of equipment.	§265.33
YES	Immediate access to communication equipment when handling hazardous waste.	§265.34
YES	Adequate aisle space.	§265.35

[1]Required by §§262.34(a)(1) and 262.34(d).

[2]Required by §§262.34(a)(4) and 262.34(d).

Source: Adapted from EPA Region 9.

#3

RCRA Container Storage Area Checklist

Date: 9/26/12 Time: 1600 Inspector's Name: John Hunnicutt

Checked/ Observations/ Repairs made	Requirement	Regulatory Citation
	Satellite Accumulation Area	
	Is waste accumulated at or near the point of generation and "under the control of the operator"?	§262.34(c)(1)
	Container is marked with the words "Hazardous Waste" or other identifying information.	§262.34(c)(1)
	Container has less than 55 gallons of HW or less than 1 quart of acute HW.	§262.34(c)(1)
N/A	Container is in good condition and non-leaking.	§265.171
	Waste is compatible with container that it is stored in.	§265.172
	Container is closed except when adding or removing waste.	§265.173(a)
	90-Day Container Storage Area	
	Container Requirements — Part 262	
YES	Container is marked with the accumulation start date. 55 HAZ / 29 NON HAZ	§262.34(a)(2)
YES	Container is marked with the words "Hazardous Waste."	§262.34(a)(3)
	Container Requirements — Part 265, Subpart I	
YES	Container is in good condition and non-leaking.	§265.171
YES	Waste is compatible with container that it is stored in.	§265.172
YES	Container is closed except when adding or removing waste.	§265.173(a)
YES	Container not stored in a way that would cause it to spill or leak.	§265.173(b)
YES	Weekly inspections are conducted. #3	§265.174
N/A	Ignitable and reactive wastes are stored at least 15 meters (50 feet) from facility's property line.	§265.176
	Pre-Transport Requirements — Part 262, Subpart C	
	Packaging: Containers meet all applicable standards for the type of waste they hold. (See DOT regs at 49 *CFR* Parts 173, 178, and 179.)	§262.30
	Labeling (DOT Warning Labels): (See DOT Regs under 49 *CFR* 172).	§262.31
N/A AT THIS TIME	Marking: Containers of 119 gallons or less must comply with DOT regs at 49 *CFR* Part 172. This includes the "proper shipping name" — 49 *CFR* 172.301. Containers must also be marked with the following words and information: 1. "HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency." 2. Generator's name and address. 3. Generator's EPA ID number. 4. Manifest tracking number.	§262.32
	Preparedness and Prevention — Part 265, Subpart C	
YES	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
YES #1-3 NO #4	Facility must be equipped with (unless hazards posed would not require): 1. Internal communications to signal emergency to facility personnel. 2. Communication device to alert local emergency response personnel. 3. Fire extinguishers. 4. Fire suppression: adequate water supply or foam producing equipment.	§265.32
YES	Testing and maintenance of equipment.	§265.33
YES	Immediate access to communication equipment when handling hazardous waste.	§265.34
YES	Adequate aisle space.	§265.35

[1]Required by §§262.34(a)(1) and 262.34(d).
[2]Required by §§262.34(a)(4) and 262.34(d).

Source: Adapted from EPA Region 9.

#4

RCRA Container Storage Area Checklist

Date: 10/4/12 Time: 14 42 Inspector's Name: HUDACEK JOHN

Checked/ Observations/ Repairs made	Requirement	Regulatory Citation
	Satellite Accumulation Area	
N/A	Is waste accumulated at or near the point of generation and "under the control of the operator"?	§262.34(c)(1)
	Container is marked with the words "Hazardous Waste" or other identifying information.	§262.34(c)(1)
	Container has less than 55 gallons of HW or less than 1 quart of acute HW.	§262.34(c)(1)
	Container is in good condition and non-leaking.	§265.171
	Waste is compatible with container that it is stored in.	§265.172
	Container is closed except when adding or removing waste.	§265.173(a)
	90-Day Container Storage Area	
	Container Requirements — Part 262	
YES	Container is marked with the accumulation start date. 55 HAZ / 29 NON HAZ	§262.34(a)(2)
YES	Container is marked with the words "Hazardous Waste."	§262.34(a)(3)
	Container Requirements — Part 265, Subpart I	
YES	Container is in good condition and non-leaking.	§265.171
YES	Waste is compatible with container that it is stored in.	§265.172
YES	Container is closed except when adding or removing waste.	§265.173(a)
YES	Container not stored in a way that would cause it to spill or leak.	§265.173(b)
YES	Weekly inspections are conducted. #4	§265.174
N/A	Ignitable and reactive wastes are stored at least 15 meters (50 feet) from facility's property line.	§265.176
	Pre-Transport Requirements — Part 262, Subpart C	
	Packaging: Containers meet all applicable standards for the type of waste they hold. (See DOT regs at 49 *CFR* Parts 173, 178, and 179.)	§262.30
	Labeling (DOT Warning Labels): (See DOT Regs under 49 *CFR* 172).	§262.31
N/A AT THIS TIME	Marking: Containers of 119 gallons or less must comply with DOT regs at 49 *CFR* Part 172. This includes the "proper shipping name" — 49 *CFR* 172.301. Containers must also be marked with the following words and information: 1. "HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency." 2. Generator's name and address. 3. Generator's EPA ID number. 4. Manifest tracking number.	§262.32
	Preparedness and Prevention — Part 265, Subpart C	
YES	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
YES #1-3 NO #4	Facility must be equipped with (unless hazards posed would not require): 1. Internal communications to signal emergency to facility personnel. 2. Communication device to alert local emergency response personnel. 3. Fire extinguishers. 4. Fire suppression: adequate water supply or foam producing equipment.	§265.32
YES	Testing and maintenance of equipment.	§265.33
YES	Immediate access to communication equipment when handling hazardous waste.	§265.34
YES	Adequate aisle space.	§265.35

[1]Required by §§262.34(a)(1) and 262.34(d).
[2]Required by §§262.34(a)(4) and 262.34(d).

Source: Adapted from EPA Region 9.

#5

RCRA Container Storage Area Checklist

Date: 10/13/12 SATURDAY Time: 1400 Inspector's Name: JOHN HUDALOR

Checked (✓) Observation(s)/ Repairs made	Requirement	Regulatory Citation
	Satellite Accumulation Area	
N/A	Is waste accumulated at or near the point of generation and "under the control of the operator"?	§262.34(c)(1)
	Container is marked with the words "Hazardous Waste" or other identifying information.	§262.34(c)(1)
	Container has less than 55 gallons of HW or less than 1 quart of acute HW.	§262.34(c)(1)
	Container is in good condition and non-leaking.	§265.171
	Waste is compatible with container that it is stored in.	§265.172
	Container is closed except when adding or removing waste.	§265.173(a)
	90-Day Container Storage Area	
	Container Requirements — Part 262	
YES JH	Container is marked with the accumulation start date. 55 HAZ / 29 NON HAZ	§262.34(a)(2)
YES JH	Container is marked with the words "Hazardous Waste." 1 LABEL REPLACED -	§262.34(a)(3)
	Container Requirements — Part 265 Subpart I	
YES JH	Container is in good condition and non-leaking.	§265.171
YES JH	Waste is compatible with container that it is stored in.	§265.172
YES JH	Container is closed except when adding or removing waste.	§265.173(a)
YES JH	Container not stored in a way that would cause it to spill or leak.	§265.173(b)
YES JH	Weekly inspections are conducted. #5	§265.174
N/A	Ignitable and reactive wastes are stored at least 15 meters (50 feet) from facility's property line.	§265.176
	Pre-Transport Requirements — Part 262 Subpart C	
	Packaging: Containers meet all applicable standards for the type of waste they hold. (See DOT regs at 49 *CFR* Parts 173, 178, and 179.)	§262.30
	Labeling (DOT Warning Labels): (See DOT Regs under 49 *CFR* 172).	§262.31
N/A AT THIS TIME	Marking: Containers of 119 gallons or less must comply with DOT regs at 49 *CFR* Part 172. This includes the "proper shipping name" — 49 *CFR* 172.301. Containers must also be marked with the following words and information: 1. "HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency." 2. Generator's name and address. 3. Generator's EPA ID number. 4. Manifest tracking number.	§262.32
	Preparedness and Prevention — Part 265 Subpart C	
YES JH	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
JH Y Y Y NO #4	Facility must be equipped with (unless hazards posed would not require): ✓ 1. Internal communications to signal emergency to facility personnel. ✓ 2. Communication device to alert local emergency response personnel. ✓ 3. Fire extinguishers. → 4. Fire suppression: adequate water supply or foam producing equipment.	§265.32
YES JH	Testing and maintenance of equipment.	§265.33
YES JH	Immediate access to communication equipment when handling hazardous waste.	§265.34
YES JH	Adequate aisle space.	§265.35

ONE LABEL HAD BEEN MUTILATED IT WAS REPLACED

[1]Required by §§262.34(a)(1) and 262.34(d).
[2]Required by §§262.34(a)(4) and 262.34(d).

Source: Adapted from EPA Region 9.

#6

RCRA Container Storage Area Checklist

Date: 10-18-12 THURS Time: 10AM Inspector's Name: JOHN HUDACEK

Checked/ Observations/ Repairs made	Requirement	Regulatory Citation
	Satellite Accumulation Area	
N/A	Is waste accumulated at or near the point of generation and "under the control of the operator"?	§262.34(c)(1)
	Container is marked with the words "Hazardous Waste" or other identifying information.	§262.34(c)(1)
	Container has less than 55 gallons of HW or less than 1 quart of acute HW.	§262.34(c)(1)
	Container is in good condition and non-leaking.	§265.171
	Waste is compatible with container that it is stored in.	§265.172
	Container is closed except when adding or removing waste.	§265.173(a)
	90-Day Container Storage Area	
	Container Requirements — Part 262	
YES JH	Container is marked with the accumulation start date. 55 HAZ / 29 NON-HAZ	§262.34(a)(2)
YES JH	Container is marked with the words "Hazardous Waste."	§262.34(a)(3)
	Container Requirements — Part 265, Subpart I	
YES JH	Container is in good condition and non-leaking.	§265.171
YES JH	Waste is compatible with container that it is stored in.	§265.172
YES JH	Container is closed except when adding or removing waste.	§265.173(a)
YES JH	Container not stored in a way that would cause it to spill or leak.	§265.173(b)
YES JH	Weekly inspections are conducted.	§265.174
N/A	Ignitable and reactive wastes are stored at least 15 meters (50 feet) from facility's property line.	§265.176
	Pre-Transport Requirements — Part 262 Subpart C	
	Packaging: Containers meet all applicable standards for the type of waste they hold. (See DOT regs at 49 *CFR* Parts 173, 178, and 179.)	§262.30
	Labeling (DOT Warning Labels): (See DOT Regs under 49 *CFR* 172).	§262.31
N/A AT THIS TIME	Marking: Containers of 119 gallons or less must comply with DOT regs at 49 *CFR* Part 172. This includes the "proper shipping name" — 49 *CFR* 172.301. Containers must also be marked with the following words and information: 1. "HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency." 2. Generator's name and address. 3. Generator's EPA ID number. 4. Manifest tracking number.	§262.32
	Preparedness and Prevention — Part 265 Subpart C	
YES JH	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
1-3 YES JH JH NO →	Facility must be equipped with (unless hazards posed would not require): 1. Internal communications to signal emergency to facility personnel. 2. Communication device to alert local emergency response personnel. 3. Fire extinguishers. 4. Fire suppression: adequate water supply or foam producing equipment.	§265.32
JH YES	Testing and maintenance of equipment.	§265.33
JH YES	Immediate access to communication equipment when handling hazardous waste.	§265.34
YES JH	Adequate aisle space.	§265.35

[1]Required by §§262.34(a)(1) and 262.34(d).
[2]Required by §§262.34(a)(4) and 262.34(d).

Source: Adapted from EPA Region 9.

APPENDIX H
CONFIRMATION SAMPLE RESULTS

VOLATILE ORGANIC COMPOUNDS
USEPA Region II –Data Validation

Project Name: Site 1, AOC 32

Location: 100 Broadway, Bethpage, NY

Project Number: 2062-003

SDG #: 680-82937-1

Client: H&S Environmental, Inc.

Date: 1/29/2013

Laboratory: Test America, Savannah, GA

Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for sixteen (16) soil samples and one (1) trip blank analyzed for Volatiles by EPA Method 8260B.

2. The samples were collected on 09/14/2012. The samples were submitted to Test America, Savannah, GA on 09/14/2012 for analysis.

3. The USEPA Region II SOP HW-24, Revision No.: 2, August 2008, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8260B; USEPA National Functional Guidelines for Organic Data Review, EPA 540/R-99/008, October 1999; EPA Method 624 and Quality Assurance Project Plan for GM-38 Area, Naval Weapons Industrial Reserve Plant, Bethpage, NY; September 3, 2009 were used in evaluating the Volatiles data in this summary report.

4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Matrix	Sample Status
CS-AOC32-01	680-82937-1	9/14/12	Soil	
CS-AOC32-02	680-82937-2	9/14/12	Soil	
CS-AOC32-03	680-82937-3	9/14/12	Soil	
CS-AOC32-04	680-82937-4	9/14/12	Soil	
CS-AOC32-05	680-82937-5	9/14/12	Soil	
CS-AOC32-06	680-82937-6	9/14/12	Soil	
CS-AOC32-07	680-82937-7	9/14/12	Soil	
CS-AOC32-08	680-82937-8	9/14/12	Soil	
CS-AOC32-09	680-82937-9	9/14/12	Soil	
CS-AOC32-10	680-82937-10	9/14/12	Soil	
CS-AOC32-11	680-82937-11	9/14/12	Soil	
CS-AOC32-12	680-82937-12	9/14/12	Soil	
CS-AOC32-13	680-82937-13	9/14/12	Soil	
CS-AOC32-14	680-82937-14	9/14/12	Soil	
CS-AOC32-15	680-82937-15	9/14/12	Soil	
CS-AOC32-16	680-82937-16	9/14/12	Soil	
Trip Blank	680-82937-17	9/14/12	Soil	Trip Blank

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water and soil samples were analyzed within 14 days from sample collection. No qualifications were required.

2. All water samples were properly preserved (pH<2.0). No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 09/10/2012 (MSL) exhibited acceptable %RSD and average RRF values for all compounds. No qualifications were required.

2. Initial calibration curve analyzed on 09/13/2012 (MSP2) exhibited acceptable %RSD and average RRF values for all compounds. No qualifications were required.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 09/20/2012 @ 08:13 AM (MSL) exhibited acceptable %Ds (≤15.0%) for all compounds with the following exception(s):

Compound	%D
Chloromethane	21.5
Bromomethane	22.0
Chloroethane	31.0

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
CS-AOC32-06	680-82937-6	Chloromethane, Bromomethane, Chloroethane	UJ UJ
CS-AOC32-07	680-82937-7	Chloromethane, Bromomethane, Chloroethane	UJ UJ

2. CCV analyzed on 09/21/2012 @ 10:28 AM (MSL) exhibited acceptable %Ds (≤15.0%) for all compounds. No qualifications were required.

3. CCV analyzed on 09/23/2012 @ 19:51 (MSL) exhibited acceptable %Ds (≤15.0%) for all compounds. No qualifications were required.

4. CCV analyzed on 09/23/2012 @ 19:51 (MSL) exhibited acceptable %Ds (≤15.0%) for all compounds. No qualifications were required.

5. CCV analyzed on 09/18/2012 @ 08:44 (MSP2) exhibited acceptable %Ds (≤15.0%) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil and water samples and associated QC were within the QAPP control limits with the following exception(s):

Client Sample ID	Surrogate	%REC	Compound	Action
CS-AOC32-02	BFB	139	Cis-1,2-Dichloroethene, methyl acetate, tetrachloroethene, toluene	J
CS-AOC32-04	BFB	143	Tetrachloroethene	J
CS-AOC32-07	DBFM	182	Tetrachloroethene	J

BFB= 4-Bromofluorobenzene and DBFM= Dibromofluoromethane

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards with the following exception(s):

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
CS-AOC32-07	680-82937-7	12DCE, CBZ	All detects with these IS All non-detects with these IS	J R

12DCE = 1,2-Dichloroethane-d4
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (MB 680-250261/6) analyzed on 09/18/2012 was free of contamination. No qualifications were required.

2. Method Blank (MB 680-250451/7) analyzed on 09/20/2012 was free of contamination. No qualifications were required.

3. Method Blank (MB 680-250643/7) analyzed on 09/21/2012 was free of contamination. No qualifications were required.

4. Method Blank (MB 680-250668/8) analyzed on 09/23/2012 was free of contamination. No qualifications were required.

5. Method Blank (MB 680-250785/7) analyzed on 09/23/2012 was free of contamination. No qualifications were required.

6. Method Blank (MB 680-250786/6) analyzed on 09/24/2012 was free of contamination. No qualifications were required.

7. Trip Blank (Trip Blank) (680-82937-17) analyzed on 09/18/2012 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: 680-250261 were analyzed on 09/18/2012. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Bromomethane	A/A/54	Trip Blank	UJ

A= Acceptable

2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: 680-250451 were analyzed on 09/20/2012. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Vinyl chloride	A/139/A	CS-AOC32-06, CS-AOC32-07	None
Bromomethane	A/142/A	CS-AOC32-06, CS-AOC32-07	None

A= Acceptable

3. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: 680-250643/4 were analyzed on 09/21/2012. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

4. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: 680-250785/4 were analyzed on 09/23/2012. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) were performed on sample CS-AOC32-01 (680-82937-1). All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%REC/%REC/RPD	Action
1,1-Dichloroethene	68/65/A	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	A/63/A	UJ
Trans-1,2-Dichloroethene	A/64/A	UJ
1,1-Dichloroethane	68/61/A	UJ
Cis-1,2-Dichloroethene	A/68/A	UJ
2-Butanone	A/65/A	UJ
Chloroform	A/69/A	UJ
Cyclohexane	68/67/A	UJ
Benzene	68/65/A	UJ
Trichloroethene	68/67/A	UJ
Methylcyclohexane	67/67/A	UJ
1,2-Dichloropropane	65/64/A	UJ
Bromodichloromethane	A/68/A	UJ
Cis-1,3-dichloropropene	69/69/A	UJ
4-methyl-2-pentanone	A/63/A	UJ
Toluene	66/68/A	J
Dibromochloromethane	A/69/A	UJ
Bromoform	66/66/A	UJ

A= Acceptable

Compound Quantitation and Reported Contract Required Quantitation Limits (CRQLs):

1. All results were within the linear calibration range. No qualifications were required.

Target Compound Identification:

1. Sample compound spectra were compared against the laboratory standard spectra. No qualifications were required.

Comments:

1. %Solids for all soil samples in this SDG were >70%. No qualifications were required.

2. Validation qualifiers (if required) were entered into the EDD for SDG: 680-82937-1

NWIRP BETHPAGE
Site 1, AOC 32
DATA SUMMARY TABLE
Soil
SDG: 680-82937-1

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	1,1,1-Trichloroethane	ND	ug/Kg	U	9.2	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	25	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	UJ	20	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	1,1,2-Trichloroethane	ND	ug/Kg	U	20	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	1,1-Dichloroethane	ND	ug/Kg	UJ	17	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	1,1-Dichloroethene	ND	ug/Kg	UJ	23	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	1,2-Dichloroethane	ND	ug/Kg	U	17	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	1,2-Dichloropropane	ND	ug/Kg	UJ	13	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	2-Butanone	ND	ug/Kg	UJ	37	390
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	2-Hexanone	ND	ug/Kg	U	51	390
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	4-Methyl-2-pentanone	ND	ug/Kg	UJ	65	390
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Acetone	ND	ug/Kg	U	170	780
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Benzene	ND	ug/Kg	UJ	11	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Bromodichloromethane	ND	ug/Kg	UJ	15	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Bromoform	ND	ug/Kg	UJ	23	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Bromomethane	ND	ug/Kg	U	23	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Carbon disulfide	ND	ug/Kg	U	17	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Carbon tetrachloride	ND	ug/Kg	U	13	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Chlorobenzene	ND	ug/Kg	U	15	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Chloroethane	ND	ug/Kg	U	42	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Chloroform	ND	ug/Kg	UJ	17	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Chloromethane	ND	ug/Kg	U	16	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	cis-1,2-Dichloroethene	ND	ug/Kg	UJ	22	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	cis-1,3-Dichloropropene	ND	ug/Kg	UJ	13	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Cyclohexane	ND	ug/Kg	UJ	20	160
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Dibromochloromethane	ND	ug/Kg	UJ	26	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Dichlorodifluoromethane	ND	ug/Kg	U	15	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Ethylbenzene	ND	ug/Kg	U	20	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Isopropylbenzene	ND	ug/Kg	U	30	78

NWIRP BETHPAGE
Site 1, AOC 32
DATA SUMMARY TABLE
Soil
SDG: 680-82937-1

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Methyl acetate	ND	ug/Kg	U	78	160
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Methyl tert-butyl ether	ND	ug/Kg	U	16	160
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Methylcyclohexane	ND	ug/Kg	UJ	13	160
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Methylene Chloride	ND	ug/Kg	U	15	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Styrene	ND	ug/Kg	U	14	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Tetrachloroethene	520	ug/Kg		30	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Toluene	22	ug/Kg	J	13	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	trans-1,2-Dichloroethene	ND	ug/Kg	UJ	9.8	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Trichloroethene	ND	ug/Kg	UJ	20	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Trichlorofluoromethane	ND	ug/Kg	U	19	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Vinyl chloride	ND	ug/Kg	U	23	78
CS-AOC32-01	680-82937-1	8260B	9/14/2012	40	Xylenes, Total	ND	ug/Kg	U	17	160
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/Kg	U	0.61	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	1.7	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	1.3	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/Kg	U	1.3	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/Kg	U	1.1	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/Kg	U	1.6	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/Kg	U	1.1	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/Kg	U	0.89	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	2-Butanone	ND	ug/Kg	U	2.5	26
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	2-Hexanone	ND	ug/Kg	U	3.4	26
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/Kg	U	4.4	26
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Acetone	ND	ug/Kg	U	11	52
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Benzene	ND	ug/Kg	U	0.76	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/Kg	U	1	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Bromoform	ND	ug/Kg	U	1.6	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Bromomethane	ND	ug/Kg	U	1.6	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Carbon disulfide	ND	ug/Kg	U	1.1	5.2

NWIRP BETHPAGE
Site 1, AOC 32
DATA SUMMARY TABLE
Soil
SDG: 680-82937-1

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/Kg	U	0.86	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Chlorobenzene	ND	ug/Kg	U	1	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Chloroethane	ND	ug/Kg	U	2.8	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Chloroform	ND	ug/Kg	U	1.1	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Chloromethane	ND	ug/Kg	U	1	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/Kg	U	1.5	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/Kg	U	0.86	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Cyclohexane	ND	ug/Kg	U	1.3	10
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/Kg	U	1.8	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/Kg	U	0.97	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Ethylbenzene	ND	ug/Kg	U	1.3	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/Kg	U	2	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Methyl acetate	ND	ug/Kg	U	5.2	10
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/Kg	U	1	10
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/Kg	U	0.89	10
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Methylene Chloride	ND	ug/Kg	U	1	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Styrene	ND	ug/Kg	U	0.96	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Tetrachloroethene	ND	ug/Kg	U	2	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Toluene	ND	ug/Kg	U	0.87	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/Kg	U	0.65	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Trichloroethene	ND	ug/Kg	U	1.3	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/Kg	U	1.2	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Vinyl chloride	ND	ug/Kg	U	1.6	5.2
CS-AOC32-10	680-82937-10	8260B	9/14/2012	1	Xylenes, Total	ND	ug/Kg	U	1.1	10
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	1,1,1-Trichloroethane	ND	ug/Kg	U	9	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	25	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	20	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	1,1,2-Trichloroethane	ND	ug/Kg	U	20	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	1,1-Dichloroethane	ND	ug/Kg	U	17	77

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	1,1-Dichloroethene	ND	ug/Kg	U	23	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	1,2-Dichloroethane	ND	ug/Kg	U	17	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	1,2-Dichloropropane	ND	ug/Kg	U	13	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	2-Butanone	ND	ug/Kg	U	37	380
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	2-Hexanone	ND	ug/Kg	U	51	380
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	4-Methyl-2-pentanone	ND	ug/Kg	U	64	380
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Acetone	ND	ug/Kg	U	170	770
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Benzene	ND	ug/Kg	U	11	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Bromodichloromethane	ND	ug/Kg	U	15	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Bromoform	ND	ug/Kg	U	23	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Bromomethane	ND	ug/Kg	U	23	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Carbon disulfide	ND	ug/Kg	U	17	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Carbon tetrachloride	ND	ug/Kg	U	13	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Chlorobenzene	ND	ug/Kg	U	15	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Chloroethane	ND	ug/Kg	U	41	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Chloroform	ND	ug/Kg	U	17	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Chloromethane	ND	ug/Kg	U	15	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	cis-1,2-Dichloroethene	32	ug/Kg		21	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	cis-1,3-Dichloropropene	ND	ug/Kg	U	13	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Cyclohexane	ND	ug/Kg	U	20	150
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Dibromochloromethane	ND	ug/Kg	U	26	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Dichlorodifluoromethane	ND	ug/Kg	U	14	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Ethylbenzene	ND	ug/Kg	U	20	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Isopropylbenzene	ND	ug/Kg	U	29	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Methyl acetate	ND	ug/Kg	U	77	150
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Methyl tert-butyl ether	ND	ug/Kg	U	15	150
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Methylcyclohexane	ND	ug/Kg	U	13	150
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Methylene Chloride	ND	ug/Kg	U	15	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Styrene	ND	ug/Kg	U	14	77

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Tetrachloroethene	400	ug/Kg		29	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Toluene	ND	ug/Kg	U	13	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	trans-1,2-Dichloroethene	ND	ug/Kg	U	9.7	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Trichloroethene	ND	ug/Kg	U	20	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Trichlorofluoromethane	ND	ug/Kg	U	18	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Vinyl chloride	ND	ug/Kg	U	23	77
CS-AOC32-11	680-82937-11	8260B	9/14/2012	40	Xylenes, Total	ND	ug/Kg	U	17	150
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	1,1,1-Trichloroethane	ND	ug/Kg	U	9.6	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	26	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	21	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	1,1,2-Trichloroethane	ND	ug/Kg	U	21	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	1,1-Dichloroethane	ND	ug/Kg	U	18	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	1,1-Dichloroethene	ND	ug/Kg	U	24	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	1,2-Dichloroethane	ND	ug/Kg	U	18	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	1,2-Dichloropropane	ND	ug/Kg	U	14	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	2-Butanone	ND	ug/Kg	U	39	410
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	2-Hexanone	ND	ug/Kg	U	54	410
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	4-Methyl-2-pentanone	ND	ug/Kg	U	68	410
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Acetone	ND	ug/Kg	U	180	810
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Benzene	ND	ug/Kg	U	12	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Bromodichloromethane	ND	ug/Kg	U	16	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Bromoform	ND	ug/Kg	U	24	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Bromomethane	ND	ug/Kg	U	24	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Carbon disulfide	ND	ug/Kg	U	18	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Carbon tetrachloride	ND	ug/Kg	U	14	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Chlorobenzene	ND	ug/Kg	U	16	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Chloroethane	ND	ug/Kg	U	44	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Chloroform	ND	ug/Kg	U	18	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Chloromethane	ND	ug/Kg	U	16	81

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	cis-1,2-Dichloroethene	ND	ug/Kg	U	23	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	cis-1,3-Dichloropropene	ND	ug/Kg	U	14	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Cyclohexane	ND	ug/Kg	U	21	160
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Dibromochloromethane	ND	ug/Kg	U	28	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Dichlorodifluoromethane	ND	ug/Kg	U	15	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Ethylbenzene	ND	ug/Kg	U	21	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Isopropylbenzene	ND	ug/Kg	U	31	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Methyl acetate	ND	ug/Kg	U	81	160
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Methyl tert-butyl ether	ND	ug/Kg	U	16	160
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Methylcyclohexane	ND	ug/Kg	U	14	160
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Methylene Chloride	ND	ug/Kg	U	16	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Styrene	ND	ug/Kg	U	15	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Tetrachloroethene	1200	ug/Kg		31	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Toluene	28	ug/Kg		14	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	trans-1,2-Dichloroethene	ND	ug/Kg	U	10	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Trichloroethene	ND	ug/Kg	U	21	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Trichlorofluoromethane	ND	ug/Kg	U	20	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Vinyl chloride	ND	ug/Kg	U	24	81
CS-AOC32-12	680-82937-12	8260B	9/14/2012	40	Xylenes, Total	ND	ug/Kg	U	18	160
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	1,1,1-Trichloroethane	ND	ug/Kg	U	8.7	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	24	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	19	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	1,1,2-Trichloroethane	ND	ug/Kg	U	19	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	1,1-Dichloroethane	ND	ug/Kg	U	16	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	1,1-Dichloroethene	ND	ug/Kg	U	22	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	1,2-Dichloroethane	ND	ug/Kg	U	16	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	1,2-Dichloropropane	ND	ug/Kg	U	13	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	2-Butanone	ND	ug/Kg	U	36	370
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	2-Hexanone	ND	ug/Kg	U	49	370

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	4-Methyl-2-pentanone	ND	ug/Kg	U	62	370
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Acetone	ND	ug/Kg	U	160	740
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Benzene	ND	ug/Kg	U	11	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Bromodichloromethane	ND	ug/Kg	U	14	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Bromoform	ND	ug/Kg	U	22	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Bromomethane	ND	ug/Kg	U	22	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Carbon disulfide	ND	ug/Kg	U	16	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Carbon tetrachloride	ND	ug/Kg	U	12	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Chlorobenzene	ND	ug/Kg	U	14	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Chloroethane	ND	ug/Kg	U	40	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Chloroform	ND	ug/Kg	U	16	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Chloromethane	ND	ug/Kg	U	15	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	cis-1,2-Dichloroethene	ND	ug/Kg	U	21	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	cis-1,3-Dichloropropene	ND	ug/Kg	U	12	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Cyclohexane	ND	ug/Kg	U	19	150
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Dibromochloromethane	ND	ug/Kg	U	25	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Dichlorodifluoromethane	ND	ug/Kg	U	14	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Ethylbenzene	ND	ug/Kg	U	19	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Isopropylbenzene	ND	ug/Kg	U	28	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Methyl acetate	ND	ug/Kg	U	74	150
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Methyl tert-butyl ether	ND	ug/Kg	U	15	150
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Methylcyclohexane	ND	ug/Kg	U	13	150
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Methylene Chloride	ND	ug/Kg	U	15	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Styrene	ND	ug/Kg	U	14	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Tetrachloroethene	260	ug/Kg		28	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Toluene	ND	ug/Kg	U	12	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	trans-1,2-Dichloroethene	ND	ug/Kg	U	9.3	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Trichloroethene	ND	ug/Kg	U	19	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Trichlorofluoromethane	ND	ug/Kg	U	18	74

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Vinyl chloride	ND	ug/Kg	U	22	74
CS-AOC32-13	680-82937-13	8260B	9/14/2012	40	Xylenes, Total	ND	ug/Kg	U	16	150
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/Kg	U	0.6	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	1.6	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	1.3	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/Kg	U	1.3	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/Kg	U	1.1	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/Kg	U	1.5	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/Kg	U	1.1	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/Kg	U	0.88	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	2-Butanone	ND	ug/Kg	U	2.5	26
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	2-Hexanone	ND	ug/Kg	U	3.4	26
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/Kg	U	4.3	26
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Acetone	ND	ug/Kg	U	11	51
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Benzene	ND	ug/Kg	U	0.75	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/Kg	U	0.99	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Bromoform	ND	ug/Kg	U	1.5	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Bromomethane	ND	ug/Kg	U	1.5	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Carbon disulfide	ND	ug/Kg	U	1.1	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/Kg	U	0.85	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Chlorobenzene	ND	ug/Kg	U	0.98	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Chloroethane	ND	ug/Kg	U	2.8	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Chloroform	ND	ug/Kg	U	1.1	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Chloromethane	ND	ug/Kg	U	1	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/Kg	U	1.4	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/Kg	U	0.85	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Cyclohexane	ND	ug/Kg	U	1.3	10
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/Kg	U	1.7	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/Kg	U	0.96	5.1

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Ethylbenzene	ND	ug/Kg	U	1.3	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/Kg	U	1.9	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Methyl acetate	ND	ug/Kg	U	5.1	10
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/Kg	U	1	10
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/Kg	U	0.88	10
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Methylene Chloride	ND	ug/Kg	U	1	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Styrene	ND	ug/Kg	U	0.95	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Tetrachloroethene	ND	ug/Kg	U	1.9	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Toluene	ND	ug/Kg	U	0.86	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/Kg	U	0.65	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Trichloroethene	ND	ug/Kg	U	1.3	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/Kg	U	1.2	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Vinyl chloride	ND	ug/Kg	U	1.5	5.1
CS-AOC32-14	680-82937-14	8260B	9/14/2012	1	Xylenes, Total	ND	ug/Kg	U	1.1	10
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/Kg	U	0.6	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	1.6	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	1.3	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/Kg	U	1.3	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/Kg	U	1.1	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/Kg	U	1.5	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/Kg	U	1.1	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/Kg	U	0.87	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	2-Butanone	ND	ug/Kg	U	2.4	25
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	2-Hexanone	ND	ug/Kg	U	3.4	25
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/Kg	U	4.3	25
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Acetone	ND	ug/Kg	U	11	51
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Benzene	ND	ug/Kg	U	0.74	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/Kg	U	0.99	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Bromoform	ND	ug/Kg	U	1.5	5.1

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Bromomethane	ND	ug/Kg	U	1.5	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Carbon disulfide	ND	ug/Kg	U	1.1	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/Kg	U	0.84	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Chlorobenzene	ND	ug/Kg	U	0.98	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Chloroethane	ND	ug/Kg	U	2.7	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Chloroform	ND	ug/Kg	U	1.1	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Chloromethane	ND	ug/Kg	U	1	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/Kg	U	1.4	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/Kg	U	0.84	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Cyclohexane	ND	ug/Kg	U	1.3	10
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/Kg	U	1.7	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/Kg	U	0.96	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Ethylbenzene	ND	ug/Kg	U	1.3	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/Kg	U	1.9	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Methyl acetate	ND	ug/Kg	U	5.1	10
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/Kg	U	1	10
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/Kg	U	0.87	10
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Methylene Chloride	ND	ug/Kg	U	1	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Styrene	ND	ug/Kg	U	0.95	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Tetrachloroethene	ND	ug/Kg	U	1.9	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Toluene	ND	ug/Kg	U	0.85	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/Kg	U	0.64	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Trichloroethene	ND	ug/Kg	U	1.3	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/Kg	U	1.2	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Vinyl chloride	ND	ug/Kg	U	1.5	5.1
CS-AOC32-15	680-82937-15	8260B	9/14/2012	1	Xylenes, Total	ND	ug/Kg	U	1.1	10
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/Kg	U	0.61	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	1.7	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	1.3	5.2

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/Kg	U	1.3	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/Kg	U	1.1	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/Kg	U	1.6	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/Kg	U	1.1	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/Kg	U	0.89	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	2-Butanone	ND	ug/Kg	U	2.5	26
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	2-Hexanone	ND	ug/Kg	U	3.4	26
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/Kg	U	4.3	26
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Acetone	ND	ug/Kg	U	11	52
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Benzene	ND	ug/Kg	U	0.76	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/Kg	U	1	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Bromoform	ND	ug/Kg	U	1.6	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Bromomethane	ND	ug/Kg	U	1.6	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Carbon disulfide	ND	ug/Kg	U	1.1	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/Kg	U	0.86	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Chlorobenzene	ND	ug/Kg	U	0.99	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Chloroethane	ND	ug/Kg	U	2.8	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Chloroform	ND	ug/Kg	U	1.1	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Chloromethane	ND	ug/Kg	U	1	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/Kg	U	1.4	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/Kg	U	0.86	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Cyclohexane	ND	ug/Kg	U	1.3	10
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/Kg	U	1.8	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/Kg	U	0.97	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Ethylbenzene	ND	ug/Kg	U	1.3	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/Kg	U	2	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Methyl acetate	ND	ug/Kg	U	5.2	10
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/Kg	U	1	10
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/Kg	U	0.89	10

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Methylene Chloride	ND	ug/Kg	U	1	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Styrene	ND	ug/Kg	U	0.96	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Tetrachloroethene	ND	ug/Kg	U	2	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Toluene	ND	ug/Kg	U	0.87	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/Kg	U	0.65	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Trichloroethene	ND	ug/Kg	U	1.3	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/Kg	U	1.2	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Vinyl chloride	ND	ug/Kg	U	1.6	5.2
CS-AOC32-16	680-82937-16	8260B	9/14/2012	1	Xylenes, Total	ND	ug/Kg	U	1.1	10
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/L	U	0.5	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/L	U	0.18	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	U	0.5	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/L	U	0.13	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/L	U	0.25	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/L	U	0.11	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/L	U	0.1	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/L	U	0.13	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	2-Butanone	ND	ug/L	U	1	10
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	2-Hexanone	ND	ug/L	U	1	10
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/L	U	1	10
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Acetone	ND	ug/L	U	5	25
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Benzene	ND	ug/L	U	0.25	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/L	U	0.25	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Bromoform	ND	ug/L	U	0.5	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Bromomethane	ND	ug/L	UJ	0.8	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Carbon disulfide	ND	ug/L	U	0.6	2
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/L	U	0.5	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Chlorobenzene	ND	ug/L	U	0.25	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Chloroethane	ND	ug/L	U	1	1

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Chloroform	ND	ug/L	U	0.14	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Chloromethane	ND	ug/L	U	0.33	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/L	U	0.15	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/L	U	0.11	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Cyclohexane	ND	ug/L	U	0.25	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/L	U	0.1	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/L	U	0.25	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Ethylbenzene	ND	ug/L	U	0.11	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/L	U	0.1	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Methyl acetate	ND	ug/L	U	0.19	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/L	U	0.2	10
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/L	U	0.1	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Methylene Chloride	ND	ug/L	U	1	5
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Styrene	ND	ug/L	U	0.11	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Tetrachloroethene	ND	ug/L	U	0.15	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Toluene	ND	ug/L	U	0.33	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/L	U	0.2	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Trichloroethene	ND	ug/L	U	0.13	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/L	U	0.25	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Vinyl chloride	ND	ug/L	U	0.18	1
TRIP BLANK	680-82937-17	8260B	9/14/2012	1	Xylenes, Total	ND	ug/L	U	0.2	2
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	1,1,1-Trichloroethane	ND	ug/Kg	U	10	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	28	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	23	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	1,1,2-Trichloroethane	ND	ug/Kg	U	23	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	1,1-Dichloroethane	ND	ug/Kg	U	19	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	1,1-Dichloroethene	ND	ug/Kg	U	26	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	1,2-Dichloroethane	ND	ug/Kg	U	19	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	1,2-Dichloropropane	ND	ug/Kg	U	15	87

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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	2-Butanone	ND	ug/Kg	U	42	440
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	2-Hexanone	ND	ug/Kg	U	58	440
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	4-Methyl-2-pentanone	ND	ug/Kg	U	73	440
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Acetone	ND	ug/Kg	U	190	870
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Benzene	ND	ug/Kg	U	13	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Bromodichloromethane	ND	ug/Kg	U	17	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Bromoform	ND	ug/Kg	U	26	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Bromomethane	ND	ug/Kg	U	26	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Carbon disulfide	ND	ug/Kg	U	19	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Carbon tetrachloride	ND	ug/Kg	U	14	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Chlorobenzene	ND	ug/Kg	U	17	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Chloroethane	ND	ug/Kg	U	47	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Chloroform	ND	ug/Kg	U	19	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Chloromethane	ND	ug/Kg	U	17	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	cis-1,2-Dichloroethene	29	ug/Kg	J	24	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	cis-1,3-Dichloropropene	ND	ug/Kg	U	14	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Cyclohexane	ND	ug/Kg	U	23	170
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Dibromochloromethane	ND	ug/Kg	U	30	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Dichlorodifluoromethane	ND	ug/Kg	U	16	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Ethylbenzene	ND	ug/Kg	U	23	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Isopropylbenzene	ND	ug/Kg	U	33	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Methyl acetate	100	ug/Kg	J	87	170
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Methyl tert-butyl ether	ND	ug/Kg	U	17	170
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Methylcyclohexane	ND	ug/Kg	U	15	170
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Methylene Chloride	ND	ug/Kg	U	17	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Styrene	ND	ug/Kg	U	16	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Tetrachloroethene	560	ug/Kg	J	33	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Toluene	15	ug/Kg	J	15	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	trans-1,2-Dichloroethene	ND	ug/Kg	U	11	87

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DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Trichloroethene	ND	ug/Kg	U	23	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Trichlorofluoromethane	ND	ug/Kg	U	21	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Vinyl chloride	ND	ug/Kg	U	26	87
CS-AOC32-02	680-82937-2	8260B	9/14/2012	40	Xylenes, Total	ND	ug/Kg	U	19	170
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	1,1,1-Trichloroethane	ND	ug/Kg	U	11	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	30	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	24	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	1,1,2-Trichloroethane	ND	ug/Kg	U	24	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	1,1-Dichloroethane	ND	ug/Kg	U	20	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	1,1-Dichloroethene	ND	ug/Kg	U	28	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	1,2-Dichloroethane	ND	ug/Kg	U	20	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	1,2-Dichloropropane	ND	ug/Kg	U	16	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	2-Butanone	ND	ug/Kg	U	45	470
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	2-Hexanone	ND	ug/Kg	U	61	470
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	4-Methyl-2-pentanone	ND	ug/Kg	U	78	470
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Acetone	ND	ug/Kg	U	200	930
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Benzene	ND	ug/Kg	U	14	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Bromodichloromethane	ND	ug/Kg	U	18	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Bromoform	ND	ug/Kg	U	28	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Bromomethane	ND	ug/Kg	U	28	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Carbon disulfide	ND	ug/Kg	U	20	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Carbon tetrachloride	ND	ug/Kg	U	15	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Chlorobenzene	ND	ug/Kg	U	18	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Chloroethane	ND	ug/Kg	U	50	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Chloroform	ND	ug/Kg	U	20	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Chloromethane	ND	ug/Kg	U	19	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	cis-1,2-Dichloroethene	79	ug/Kg		26	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	cis-1,3-Dichloropropene	ND	ug/Kg	U	15	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Cyclohexane	ND	ug/Kg	U	24	190

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Dibromochloromethane	ND	ug/Kg	U	32	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Dichlorodifluoromethane	ND	ug/Kg	U	17	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Ethylbenzene	ND	ug/Kg	U	24	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Isopropylbenzene	ND	ug/Kg	U	35	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Methyl acetate	ND	ug/Kg	U	93	190
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Methyl tert-butyl ether	ND	ug/Kg	U	19	190
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Methylcyclohexane	ND	ug/Kg	U	16	190
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Methylene Chloride	ND	ug/Kg	U	18	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Styrene	ND	ug/Kg	U	17	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Tetrachloroethene	330	ug/Kg		35	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Toluene	ND	ug/Kg	U	16	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	trans-1,2-Dichloroethene	ND	ug/Kg	U	12	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Trichloroethene	ND	ug/Kg	U	24	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Trichlorofluoromethane	ND	ug/Kg	U	22	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Vinyl chloride	ND	ug/Kg	U	28	93
CS-AOC32-03	680-82937-3	8260B	9/14/2012	40	Xylenes, Total	ND	ug/Kg	U	20	190
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	1,1,1-Trichloroethane	ND	ug/Kg	U	10	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	27	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	22	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	1,1,2-Trichloroethane	ND	ug/Kg	U	22	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	1,1-Dichloroethane	ND	ug/Kg	U	19	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	1,1-Dichloroethene	ND	ug/Kg	U	26	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	1,2-Dichloroethane	ND	ug/Kg	U	19	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	1,2-Dichloropropane	ND	ug/Kg	U	15	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	2-Butanone	ND	ug/Kg	U	41	430
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	2-Hexanone	ND	ug/Kg	U	56	430
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	4-Methyl-2-pentanone	ND	ug/Kg	U	71	430
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Acetone	ND	ug/Kg	U	190	850
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Benzene	ND	ug/Kg	U	12	85

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Bromodichloromethane	ND	ug/Kg	U	17	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Bromoform	ND	ug/Kg	U	26	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Bromomethane	ND	ug/Kg	U	26	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Carbon disulfide	ND	ug/Kg	U	19	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Carbon tetrachloride	ND	ug/Kg	U	14	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Chlorobenzene	ND	ug/Kg	U	16	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Chloroethane	ND	ug/Kg	U	46	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Chloroform	ND	ug/Kg	U	19	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Chloromethane	ND	ug/Kg	U	17	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	cis-1,2-Dichloroethene	ND	ug/Kg	U	24	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	cis-1,3-Dichloropropene	ND	ug/Kg	U	14	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Cyclohexane	ND	ug/Kg	U	22	170
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Dibromochloromethane	ND	ug/Kg	U	29	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Dichlorodifluoromethane	ND	ug/Kg	U	16	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Ethylbenzene	ND	ug/Kg	U	22	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Isopropylbenzene	ND	ug/Kg	U	32	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Methyl acetate	ND	ug/Kg	U	85	170
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Methyl tert-butyl ether	ND	ug/Kg	U	17	170
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Methylcyclohexane	ND	ug/Kg	U	15	170
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Methylene Chloride	ND	ug/Kg	U	17	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Styrene	ND	ug/Kg	U	16	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Tetrachloroethene	370	ug/Kg	J	32	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Toluene	ND	ug/Kg	U	14	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	trans-1,2-Dichloroethene	ND	ug/Kg	U	11	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Trichloroethene	ND	ug/Kg	U	22	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Trichlorofluoromethane	ND	ug/Kg	U	20	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Vinyl chloride	ND	ug/Kg	U	26	85
CS-AOC32-04	680-82937-4	8260B	9/14/2012	40	Xylenes, Total	ND	ug/Kg	U	19	170
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	1,1,1-Trichloroethane	ND	ug/Kg	U	21	180

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DATA SUMMARY TABLE
Soil
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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	58	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	47	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	1,1,2-Trichloroethane	ND	ug/Kg	U	47	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	1,1-Dichloroethane	ND	ug/Kg	U	40	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	1,1-Dichloroethene	ND	ug/Kg	U	55	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	1,2-Dichloroethane	ND	ug/Kg	U	40	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	1,2-Dichloropropane	ND	ug/Kg	U	31	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	2-Butanone	ND	ug/Kg	U	87	910
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	2-Hexanone	ND	ug/Kg	U	120	910
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	4-Methyl-2-pentanone	ND	ug/Kg	U	150	910
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Acetone	ND	ug/Kg	U	400	1800
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Benzene	ND	ug/Kg	U	27	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Bromodichloromethane	ND	ug/Kg	U	35	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Bromoform	ND	ug/Kg	U	55	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Bromomethane	ND	ug/Kg	U	55	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Carbon disulfide	ND	ug/Kg	U	40	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Carbon tetrachloride	ND	ug/Kg	U	30	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Chlorobenzene	ND	ug/Kg	U	35	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Chloroethane	ND	ug/Kg	U	98	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Chloroform	ND	ug/Kg	U	40	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Chloromethane	ND	ug/Kg	U	36	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	cis-1,2-Dichloroethene	110	ug/Kg		51	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	cis-1,3-Dichloropropene	ND	ug/Kg	U	30	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Cyclohexane	ND	ug/Kg	U	47	360
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Dibromochloromethane	ND	ug/Kg	U	62	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Dichlorodifluoromethane	ND	ug/Kg	U	34	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Ethylbenzene	ND	ug/Kg	U	47	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Isopropylbenzene	ND	ug/Kg	U	69	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Methyl acetate	ND	ug/Kg	U	180	360

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Methyl tert-butyl ether	ND	ug/Kg	U	36	360
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Methylcyclohexane	ND	ug/Kg	U	31	360
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Methylene Chloride	ND	ug/Kg	U	36	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Styrene	ND	ug/Kg	U	34	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Tetrachloroethene	770	ug/Kg		69	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Toluene	340	ug/Kg		31	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	trans-1,2-Dichloroethene	ND	ug/Kg	U	23	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Trichloroethene	74	ug/Kg		47	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Trichlorofluoromethane	ND	ug/Kg	U	44	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Vinyl chloride	ND	ug/Kg	U	55	180
CS-AOC32-05	680-82937-5	8260B	9/14/2012	40	Xylenes, Total	ND	ug/Kg	U	40	360
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/Kg	U	0.21	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	0.57	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	0.46	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/Kg	U	0.46	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/Kg	U	0.39	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/Kg	U	0.53	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/Kg	U	0.39	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/Kg	U	0.3	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	2-Butanone	ND	ug/Kg	U	0.85	8.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	2-Hexanone	ND	ug/Kg	U	1.2	8.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/Kg	U	1.5	8.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Acetone	ND	ug/Kg	U	3.9	18
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Benzene	ND	ug/Kg	U	0.26	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/Kg	U	0.34	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Bromoform	ND	ug/Kg	U	0.53	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Bromomethane	ND	ug/Kg	UJ	0.53	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Carbon disulfide	ND	ug/Kg	U	0.39	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/Kg	U	0.29	1.8

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Chlorobenzene	ND	ug/Kg	U	0.34	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Chloroethane	ND	ug/Kg	UJ	0.96	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Chloroform	ND	ug/Kg	U	0.39	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Chloromethane	ND	ug/Kg	UJ	0.35	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/Kg	U	0.5	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/Kg	U	0.29	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Cyclohexane	ND	ug/Kg	U	0.46	3.5
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/Kg	U	0.6	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/Kg	U	0.33	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Ethylbenzene	ND	ug/Kg	U	0.46	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/Kg	U	0.67	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Methyl acetate	ND	ug/Kg	U	1.8	3.5
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/Kg	U	0.35	3.5
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/Kg	U	0.3	3.5
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Methylene Chloride	ND	ug/Kg	U	0.35	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Styrene	ND	ug/Kg	U	0.33	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Tetrachloroethene	2.9	ug/Kg		0.67	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Toluene	ND	ug/Kg	U	0.3	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/Kg	U	0.22	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Trichloroethene	ND	ug/Kg	U	0.46	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/Kg	U	0.42	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Vinyl chloride	ND	ug/Kg	U	0.53	1.8
CS-AOC32-06	680-82937-6	8260B	9/14/2012	1	Xylenes, Total	ND	ug/Kg	U	0.39	3.5
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/Kg	R	0.22	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/Kg	R	0.6	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	R	0.49	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/Kg	R	0.49	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/Kg	U	0.41	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/Kg	R	0.56	1.9

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/Kg	R	0.41	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/Kg	R	0.32	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	2-Butanone	ND	ug/Kg	U	0.9	9.3
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	2-Hexanone	ND	ug/Kg	R	1.2	9.3
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/Kg	R	1.6	9.3
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Acetone	ND	ug/Kg	U	4.1	19
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Benzene	ND	ug/Kg	R	0.27	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/Kg	R	0.36	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Bromoform	ND	ug/Kg	U	0.56	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Bromomethane	ND	ug/Kg	UJ	0.56	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Carbon disulfide	ND	ug/Kg	U	0.41	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/Kg	R	0.31	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Chlorobenzene	ND	ug/Kg	R	0.36	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Chloroethane	ND	ug/Kg	UJ	1	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Chloroform	ND	ug/Kg	U	0.41	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Chloromethane	ND	ug/Kg	UJ	0.37	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/Kg	U	0.52	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/Kg	R	0.31	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Cyclohexane	ND	ug/Kg	R	0.49	3.7
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/Kg	R	0.63	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/Kg	U	0.35	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Ethylbenzene	ND	ug/Kg	R	0.49	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/Kg	R	0.71	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Methyl acetate	ND	ug/Kg	R	1.9	3.7
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/Kg	R	0.37	3.7
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/Kg	R	0.32	3.7
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Methylene Chloride	ND	ug/Kg	R	0.37	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Styrene	ND	ug/Kg	R	0.35	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Tetrachloroethene	4.1	ug/Kg	J	0.71	1.9

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Toluene	ND	ug/Kg	R	0.31	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/Kg	U	0.24	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Trichloroethene	ND	ug/Kg	R	0.49	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/Kg	R	0.45	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Vinyl chloride	ND	ug/Kg	U	0.56	1.9
CS-AOC32-07	680-82937-7	8260B	9/14/2012	1	Xylenes, Total	ND	ug/Kg	R	0.41	3.7
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/Kg	U	0.62	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	1.7	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	1.4	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/Kg	U	1.4	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/Kg	U	1.2	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/Kg	U	1.6	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/Kg	U	1.2	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/Kg	U	0.9	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	2-Butanone	ND	ug/Kg	U	2.5	26
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	2-Hexanone	ND	ug/Kg	U	3.5	26
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/Kg	U	4.4	26
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Acetone	ND	ug/Kg	U	12	52
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Benzene	ND	ug/Kg	U	0.77	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/Kg	U	1	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Bromoform	ND	ug/Kg	U	1.6	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Bromomethane	ND	ug/Kg	U	1.6	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Carbon disulfide	ND	ug/Kg	U	1.2	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/Kg	U	0.87	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Chlorobenzene	ND	ug/Kg	U	1	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Chloroethane	ND	ug/Kg	U	2.8	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Chloroform	ND	ug/Kg	U	1.2	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Chloromethane	ND	ug/Kg	U	1	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/Kg	U	1.5	5.2

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/Kg	U	0.87	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Cyclohexane	ND	ug/Kg	U	1.4	10
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/Kg	U	1.8	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/Kg	U	0.99	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Ethylbenzene	ND	ug/Kg	U	1.4	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/Kg	U	2	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Methyl acetate	ND	ug/Kg	U	5.2	10
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/Kg	U	1	10
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/Kg	U	0.9	10
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Methylene Chloride	ND	ug/Kg	U	1	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Styrene	ND	ug/Kg	U	0.98	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Tetrachloroethene	ND	ug/Kg	U	2	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Toluene	ND	ug/Kg	U	0.88	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/Kg	U	0.66	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Trichloroethene	ND	ug/Kg	U	1.4	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/Kg	U	1.3	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Vinyl chloride	ND	ug/Kg	U	1.6	5.2
CS-AOC32-08	680-82937-8	8260B	9/14/2012	1	Xylenes, Total	ND	ug/Kg	U	1.2	10
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	1,1,1-Trichloroethane	ND	ug/Kg	U	0.6	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	1,1,2,2-Tetrachloroethane	ND	ug/Kg	U	1.6	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/Kg	U	1.3	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	1,1,2-Trichloroethane	ND	ug/Kg	U	1.3	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	1,1-Dichloroethane	ND	ug/Kg	U	1.1	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	1,1-Dichloroethene	ND	ug/Kg	U	1.5	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	1,2-Dichloroethane	ND	ug/Kg	U	1.1	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	1,2-Dichloropropane	ND	ug/Kg	U	0.88	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	2-Butanone	ND	ug/Kg	U	2.4	25
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	2-Hexanone	ND	ug/Kg	U	3.4	25
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	4-Methyl-2-pentanone	ND	ug/Kg	U	4.3	25

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Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Acetone	ND	ug/Kg	U	11	51
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Benzene	ND	ug/Kg	U	0.74	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Bromodichloromethane	ND	ug/Kg	U	0.99	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Bromoform	ND	ug/Kg	U	1.5	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Bromomethane	ND	ug/Kg	U	1.5	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Carbon disulfide	ND	ug/Kg	U	1.1	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Carbon tetrachloride	ND	ug/Kg	U	0.85	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Chlorobenzene	ND	ug/Kg	U	0.98	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Chloroethane	ND	ug/Kg	U	2.8	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Chloroform	ND	ug/Kg	U	1.1	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Chloromethane	ND	ug/Kg	U	1	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	cis-1,2-Dichloroethene	ND	ug/Kg	U	1.4	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	cis-1,3-Dichloropropene	ND	ug/Kg	U	0.85	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Cyclohexane	ND	ug/Kg	U	1.3	10
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Dibromochloromethane	ND	ug/Kg	U	1.7	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Dichlorodifluoromethane	ND	ug/Kg	U	0.96	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Ethylbenzene	ND	ug/Kg	U	1.3	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Isopropylbenzene	ND	ug/Kg	U	1.9	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Methyl acetate	ND	ug/Kg	U	5.1	10
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Methyl tert-butyl ether	ND	ug/Kg	U	1	10
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Methylcyclohexane	ND	ug/Kg	U	0.88	10
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Methylene Chloride	ND	ug/Kg	U	1	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Styrene	ND	ug/Kg	U	0.95	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Tetrachloroethene	ND	ug/Kg	U	1.9	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Toluene	ND	ug/Kg	U	0.86	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	trans-1,2-Dichloroethene	ND	ug/Kg	U	0.64	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Trichloroethene	ND	ug/Kg	U	1.3	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Trichlorofluoromethane	ND	ug/Kg	U	1.2	5.1
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Vinyl chloride	ND	ug/Kg	U	1.5	5.1

NWIRP BETHPAGE
Site 1, AOC 32
DATA SUMMARY TABLE
Soil
SDG: 680-82937-1

Sample Name	Lab ID	Analytical Method	Sample Date	Dilution Factor	Analyte	Result	Unit	Qualifier	LOD	LDQ
CS-AOC32-09	680-82937-9	8260B	9/14/2012	1	Xylenes, Total	ND	ug/Kg	U	1.1	10

Sample Coordinate Data Using a Trimble GPS Unit, accuracy is +/- 3 feet

Tank coordinates

Point	Northing	Easting	Notes
Tank 1 - South Edge	214,340	1,124,705	Tank edge
Tank 1 - Manway	214,350	1,124,706	AOC32-UST-GRAB, AOC32-1/1A, AOC32-5
Tank 1 - North Edge	214,364	1,124,708	Tank edge
Tank 2 - South Edge	214,369	1,124,709	Tank edge
Tank 2 - Manway	214,373	1,124,709	AOC32-3/3A, AOC32-6
Tank 2 - North Edge	214,385	1,124,711	Tank edge

Sample Coordinates

CS-AOC32-01	214,342.5	1,124,705	Tank 1, 2.5 feet, bottom
CS-AOC32-02	214,347.5	1,124,706	Tank 1, 7.5 feet, bottom
CS-AOC32-03	214,352.5	1,124,706	Tank 1, 12.5 feet, bottom
CS-AOC32-04	214,357.5	1,124,707	Tank 1, 17.5 feet, bottom
CS-AOC32-05	214,362.5	1,124,708	Tank 1, 22.5 feet, bottom
CS-AOC32-06	214,371.5	1,124,709	Tank 2, 2.5 feet, bottom
CS-AOC32-07	214,375.0	1,124,709	Tank 2, 6.0 feet, bottom
CS-AOC32-08	214,379.0	1,124,710	Tank 2, 10.0 feet, bottom
CS-AOC32-09	214,382.5	1,124,710	Tank 2, 13.5 feet, bottom
CS-AOC32-10	214,382.5	1,124,710	Duplicate of CS-AOC32-09
CS-AOC32-11	214,352	1,124,713	Southeast side wall
CS-AOC32-12	214,337	1,124,704	South side wall
CS-AOC32-13	214,352	1,124,699	Southwest side wall
CS-AOC32-14	214,377	1,124,701	Northwest side wall
CS-AOC32-15	214,388	1,124,711	North side wall
CS-AOC32-16	214,377	1,124,717	Northeast side wall

Tank Center Point - North Reference Point	214,388	1,124,711
Tank Center Point - South Refernce Point	214,334	1,124,704

Formula: E = 214334 + (7/54)* (N - 1124704)

APPENDIX I
CLEAN FILL

NEW YORK SAND & STONE
THE CITY QUARRY

BROOKLYN NAVY YARD • 63 FLUSHING AVE UNIT #311 • BROOKLYN, NY 11205
(718)-596-2897 (O) (718)-624-3363(F)
WWW.NEWYORKSANDANDSTONE.COM

September 9, 2012

John Geary
EQ Northeast Inc
185 Industrial Rd
Wrentham, MA

Re: 999 South Oyster Bay Rd
Bethpage, NY

Dear Mr. Geary,

Please be advised that New York Sand & Stone, LLC located at 63 Flushing Avenue, Brooklyn, NY is a New York State D.O.T. approved material supplier. New York Sand & Stone LLC certifies that the product:

SAND (D.O.T SOURCE #10-105F)

supplied for the above referenced project is mined and processed at the Ambrose Channel, located in, South Amboy, NJ. The material originates from a virgin site and is free from environmental contaminants.

Please feel free to call with any questions.

Respectfully Submitted,
NEW YORK SAND & STONE, LLC
Jodi-Ann Williams
Jodi-Ann Williams
Assistant Sales/Marketing

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Friday, May 13, 2011

Tom Dooley
New York Sand & Stone, LLC
63 Flushing Avenue
Unit 311
Brooklyn, NY 11205

TEL: (718) 596-2897
FAX (718) 624-3363

RE: NYSDEC Biannual Test

Order No.: 1105084

Dear Tom Dooley:

American Analytical Laboratories, LLC. received 1 sample(s) on 5/6/2011 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 39 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *13-May-11*

CLIENT: New York Sand & Stone, LLC
Project: NYSDEC Biannual Test
Lab Order: 1105084

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1105084-01A	25th Street Terminal	5/6/2011 11:00:00 AM	5/6/2011
1105084-01B	25th Street Terminal	5/6/2011 11:00:00 AM	5/6/2011
1105084-01C	25th Street Terminal	5/6/2011 11:00:00 AM	5/6/2011

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027
www.american-analytical.com

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: NEW YORK SAND & STONE, LLC
63 FLUSHING AVE, UNIT #311
BROOKLYN, NY 11205

CONTACT: TOM DOOLEY

SAMPLER (SIGNATURE): Jessica Dicembri

SAMPLER NAME (PRINT): Jessica Dicembri

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

TEMPERATURE (° C): 4.1

PROJECT LOCATION: NYSDEC BIANNUAL TEST

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: TAL+TCL+TAGM 375
1105084-01A	S/G	2	5/6/11	11:00	25TH ST. TERMINAL	
B						
C						

COMMENTS / INSTRUCTIONS

Samples must be on ICE (<6° C)

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS
TYPE G=GRAB; C=COMPOSITE

TURNAROUND REQUIRED
STANDARD ☐ STAT ☐ BY / /
(7-10 business days)

E-MAIL ADDRESS FOR RESULTS:

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Louis Zeffiren	6/6/11 1515	Louis Zeffiren		5/6/11 1515	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name NEW YORK SAND & STONE | Date and Time Receive 5/6/2011 3:15:28 PM

Work Order Numbe 1105084 | RcptNo: 1 | Received by LB

COC_ID: | CoolerID:

Checklist completed b [signature] Signature 5/6/11 Date | Reviewed by P mass Initials 5/6/11 Date

Matrix | Carrier name Client

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
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 ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☐

Adjusted _____ Checked b _____

Any No and/or NA (not applicable) response must be detailed in the comments section b

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments:

Corrective Action _____

American Analytical Laboratories, LLC.

Date: *13-May-11*

ELAP ID : 11418

CLIENT:	New York Sand & Stone, LLC	**Client Sample ID:**	25th Street Terminal
Lab Order:	1105084	**Collection Date:**	5/6/2011 11:00:00 AM
Project:	NYSDEC Biannual Test	**Matrix:**	SOIL
Lab ID:	1105084-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Acrolein	U	2.6	11		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Acrylonitrile	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Benzene	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Bromobenzene	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Bromochloromethane	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Bromodichloromethane	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Bromoform	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Bromomethane	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Carbon disulfide	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Carbon tetrachloride	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Chlorobenzene	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Chlorodifluoromethane	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Chloroethane	U	0.53	5.3	C	µg/Kg-dry	1	5/6/2011 4:24:00 PM
Chloroform	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Chloromethane	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
cis-1,2-Dichloroethene	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
cis-1,3-Dichloropropene	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Dibromochloromethane	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Dibromomethane	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Dichlorodifluoromethane	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Diisopropyl ether	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Ethanol	U	2.6	11		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Ethyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Ethylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Freon-114	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Hexachlorobutadiene	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Isopropyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Isopropylbenzene	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
m,p-Xylene	U	1.1	11		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Methyl Acetate	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Methyl tert-butyl ether	U	0.53	5.3	C	µg/Kg-dry	1	5/6/2011 4:24:00 PM
Methylene chloride	8.6	0.53	5.3	B	µg/Kg-dry	1	5/6/2011 4:24:00 PM
n-Amyl acetate	U	0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

- B Analyte detected in the associated Method Blank
- C Calibration %RSD/%D exceeded for non-CCC analytes
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- LOD Limit of Detection
- LOQ Limit of Quantitation
- P >40% diff for detected conc between the two GC columns
- S Spike Recovery outside accepted recovery limits
- U Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *13-May-11*

ELAP ID : 11418

CLIENT:	New York Sand & Stone, LLC	**Client Sample ID:**	25th Street Terminal
Lab Order:	1105084	**Collection Date:**	5/6/2011 11:00:00 AM
Project:	NYSDEC Biannual Test	**Matrix:**	SOIL
Lab ID:	1105084-01A		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260				**SW8260C**				Analyst: **LA**
Naphthalene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
n-Butyl acetate	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
n-Butylbenzene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
n-Propyl acetate	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
n-Propylbenzene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
o-Xylene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
p-Diethylbenzene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
p-Ethyltoluene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
sec-Butylbenzene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Styrene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
t-Butyl alcohol	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
tert-Butylbenzene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Tetrachloroethene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Toluene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
trans-1,2-Dichloroethene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
trans-1,3-Dichloropropene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Trichloroethene	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Trichlorofluoromethane	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Vinyl acetate	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Vinyl chloride	U		0.53	5.3		µg/Kg-dry	1	5/6/2011 4:24:00 PM
Surr: 4-Bromofluorobenzene	93.3		0	64-132		%REC	1	5/6/2011 4:24:00 PM
Surr: Dibromofluoromethane	104		0	66-131		%REC	1	5/6/2011 4:24:00 PM
Surr: Toluene-d8	95.1		0	54-132		%REC	1	5/6/2011 4:24:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: *13-May-11*

ELAP ID : 11418

CLIENT:	New York Sand & Stone, LLC	**Client Sample ID:**	25th Street Terminal
Lab Order:	1105084	**Collection Date:**	5/6/2011 11:00:00 AM
Project:	NYSDEC Biannual Test	**Matrix:**	SOIL
Lab ID:	1105084-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	0.00898	0.005	0.00998	J	mg/Kg-dry	1	5/11/2011 10:27:38 AM
HERBICIDES SW-846 8151			**SW8151A**		**SW8151**		Analyst: **SB**
2,4,5-T	U	7.09	110		µg/Kg-dry	1	5/10/2011 12:38:00 PM
2,4,5-TP	U	7.09	110		µg/Kg-dry	1	5/10/2011 12:38:00 PM
2,4-D	U	7.09	110		µg/Kg-dry	1	5/10/2011 12:38:00 PM
Surr: 2,4-DCAA	70.6	0	15-135		%REC	1	5/10/2011 12:38:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3550**		Analyst: **SB**
Aroclor 1016	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Aroclor 1221	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Aroclor 1232	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Aroclor 1242	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Aroclor 1248	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Aroclor 1254	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Aroclor 1260	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Aroclor 1262	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Aroclor 1268	U	1.05	84		µg/Kg-dry	1	5/12/2011 4:23:00 PM
Surr: TCX	37.4	0	17-151		%REC	1	5/12/2011 4:23:00 PM
Surr: DCB	82.7	0	16-152		%REC	1	5/12/2011 4:23:00 PM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3550**		Analyst: **SB**
4,4'-DDD	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
4,4'-DDE	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
4,4'-DDT	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Aldrin	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
alpha-BHC	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
beta-BHC	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Chlordane	1.5	1.05	2.1	J	µg/Kg-dry	1	5/12/2011 7:08:00 PM
Chlorobenzilate	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
DBCP	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
delta-BHC	4.3	0.21	2.1	P	µg/Kg-dry	1	5/12/2011 7:08:00 PM
Dieldrin	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Endosulfan I	U	0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM

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LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
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American Analytical Laboratories, LLC.

Date: *13-May-11*

ELAP ID : 11418

CLIENT:	New York Sand & Stone, LLC	**Client Sample ID:**	25th Street Terminal
Lab Order:	1105084	**Collection Date:**	5/6/2011 11:00:00 AM
Project:	NYSDEC Biannual Test	**Matrix:**	SOIL
Lab ID:	1105084-01B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081				**SW8081B**		**SW3550**		Analyst: **SB**
Endosulfan II	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Endosulfan sulfate	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Endrin	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Endrin aldehyde	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Endrin ketone	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
gamma-BHC	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Heptachlor	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Heptachlor epoxide	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Hexachlorobenzene	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Hexachlorocyclopentadiene	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Methoxychlor	U		0.21	2.1		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Toxaphene	U		5.26	11		µg/Kg-dry	1	5/12/2011 7:08:00 PM
Surr: DCB	45.7		0	23-157		%REC	1	5/12/2011 7:08:00 PM
Surr: TCX	27.8		0	21-151		%REC	1	5/12/2011 7:08:00 PM
PERCENT MOISTURE				**D2216**				Analyst: **CB**
Percent Moisture	5.45		0	0		wt%	1	5/9/2011
TARGET ANALYTE LIST METALS				**SW6010C**		**SW3050A**		Analyst: **JP**
Aluminum	1360		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Antimony	U		0.19	0.474		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Arsenic	2.43		0.19	0.474		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Barium	3.89		0.19	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Beryllium	U		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Cadmium	U		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Calcium	3120		0.19	0.474		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Chromium	6.22		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Cobalt	U		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Copper	1.19		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Iron	3640		0.19	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Lead	2.92		0.19	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Magnesium	920		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Manganese	49.4		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Nickel	2.99		0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM

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American Analytical Laboratories, LLC.

Date: *13-May-11*

ELAP ID : 11418

CLIENT:	New York Sand & Stone, LLC	**Client Sample ID:**	25th Street Terminal
Lab Order:	1105084	**Collection Date:**	5/6/2011 11:00:00 AM
Project:	NYSDEC Biannual Test	**Matrix:**	SOIL
Lab ID:	1105084-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TARGET ANALYTE LIST METALS			**SW6010C**		**SW3050A**		Analyst: **JP**
Potassium	872	0.19	0.474		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Selenium	U	0.19	0.474		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Silver	U	0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Sodium	268	0.19	0.474		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Thallium	U	0.28	0.474		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Vanadium	7.39	0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
Zinc	11.4	0.09	0.379		mg/Kg-dry	1	5/11/2011 9:26:50 AM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
1,2,4-Trichlorobenzene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
1,2-Dichlorobenzene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
1,3-Dichlorobenzene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
1,4-Dichlorobenzene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2,4,5-Trichlorophenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2,4,6-Trichlorophenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2,4-Dichlorophenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2,4-Dimethylphenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2,4-Dinitrophenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2,4-Dinitrotoluene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2,6-Dinitrotoluene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2-Chloronaphthalene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2-Chlorophenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2-Methylnaphthalene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2-Methylphenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2-Nitroaniline	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
2-Nitrophenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
3,3'-Dichlorobenzidine	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
3+4-Methylphenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
3-Nitroaniline	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
4,6-Dinitro-2-methylphenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
4-Bromophenyl phenyl ether	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
4-Chloro-3-methylphenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
4-Chloroaniline	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM

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American Analytical Laboratories, LLC.

Date: *13-May-11*

ELAP ID : 11418

CLIENT:	New York Sand & Stone, LLC	**Client Sample ID:**	25th Street Terminal
Lab Order:	1105084	**Collection Date:**	5/6/2011 11:00:00 AM
Project:	NYSDEC Biannual Test	**Matrix:**	SOIL
Lab ID:	1105084-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
4-Chlorophenyl phenyl ether	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
4-Nitroaniline	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
4-Nitrophenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Acenaphthene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Acenaphthylene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Acetophenone	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Aniline	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Anthracene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Atrazine	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Azobenzene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzaldehyde	U	25.7	260	C	µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzidine	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzo(a)anthracene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzo(a)pyrene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzo(b)fluoranthene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzo(g,h,i)perylene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzo(k)fluoranthene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzoic acid	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Benzyl alcohol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Biphenyl	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Bis(2-chloroethoxy)methane	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Bis(2-chloroethyl)ether	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Bis(2-chloroisopropyl)ether	U	25.7	260	C	µg/Kg-dry	1	5/10/2011 8:31:00 AM
Bis(2-ethylhexyl)phthalate	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Butyl benzyl phthalate	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Caprolactam	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Carbazole	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Chrysene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Dibenzo(a,h)anthracene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Dibenzofuran	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Diethyl phthalate	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Dimethyl phthalate	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Di-n-butyl phthalate	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM

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American Analytical Laboratories, LLC.

Date: *13-May-11*

ELAP ID.: 11418

CLIENT:	New York Sand & Stone, LLC	**Client Sample ID:**	25th Street Terminal
Lab Order:	1105084	**Collection Date:**	5/6/2011 11:00:00 AM
Project:	NYSDEC Biannual Test	**Matrix:**	SOIL
Lab ID:	1105084-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3550C**		Analyst: **LDS**
Di-n-octyl phthalate	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Fluoranthene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Fluorene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Hexachlorobenzene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Hexachlorobutadiene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Hexachlorocyclopentadiene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Hexachloroethane	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Indeno(1,2,3-c,d)pyrene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Isophorone	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Naphthalene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Nitrobenzene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
N-Nitrosodimethylamine	U	25.7	260	C	µg/Kg-dry	1	5/10/2011 8:31:00 AM
N-Nitrosodi-n-propylamine	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
N-Nitrosodiphenylamine	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Parathion	U	25.7	260	C	µg/Kg-dry	1	5/10/2011 8:31:00 AM
Pentachlorophenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Phenanthrene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Phenol	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Pyrene	U	25.7	260		µg/Kg-dry	1	5/10/2011 8:31:00 AM
Pyridine	U	25.7	260	C	µg/Kg-dry	1	5/10/2011 8:31:00 AM
Surr: 2,4,6-Tribromophenol	71.2	0	23-121		%REC	1	5/10/2011 8:31:00 AM
Surr: 2-Fluorobiphenyl	70.0	0	23-120		%REC	1	5/10/2011 8:31:00 AM
Surr: 2-Fluorophenol	37.8	0	12-111		%REC	1	5/10/2011 8:31:00 AM
Surr: 4-Terphenyl-d14	87.0	0	23-128		%REC	1	5/10/2011 8:31:00 AM
Surr: Nitrobenzene-d5	55.8	0	18-116		%REC	1	5/10/2011 8:31:00 AM
Surr: Phenol-d6	34.6	0	11-112		%REC	1	5/10/2011 8:31:00 AM
CYANIDE, TOTAL			**SW9012A**		**SW9012A**		Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	U	0.05	0.106		mg/Kg-dry	1	5/12/2011
HEXAVALENT CHROMIUM			**SW7196A**				Analyst: **AH**
Chromium, Hexavalent	U	0.21	0.423		mg/Kg-dry	1	5/9/2011

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American Analytical Laboratories, LLC.

Date: *13-May-11*

ELAP ID : 11418

CLIENT:	New York Sand & Stone, LLC	**Client Sample ID:**	25th Street Terminal
Lab Order:	1105084	**Collection Date:**	5/6/2011 11:00:00 AM
Project:	NYSDEC Biannual Test	**Matrix:**	SOIL
Lab ID:	1105084-01C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TRIVALENT CHROMIUM			**SW6010C**				Analyst: **JP**
Chromium, Trivalent	6.22	0.09	0.379		mg/Kg-dry	1	5/11/2011

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CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: CN_DRY

Sample ID: **BL**	SampType: **MBLK**	TestCode: **CN_DRY**	Units: **mg/Kg**	Prep Date: **5/11/2011**	RunNo: **57832**
Client ID: **PBS**	Batch ID: **32085**	TestNo: **SW9012A**	**SW9012A**	Analysis Date: **5/12/2011**	SeqNo: **811889**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Color	U	0.100									

Sample ID: **LCS**	SampType: **LCS**	TestCode: **CN_DRY**	Units: **mg/Kg**	Prep Date: **5/11/2011**	RunNo: **57832**
Client ID: **LCSS**	Batch ID: **32085**	TestNo: **SW9012A**	**SW9012A**	Analysis Date: **5/12/2011**	SeqNo: **811890**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Color	2.06	0.100	2.000	0	103	63	123				

Qualifiers:

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H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: CR6_DRY

Sample ID: **BL**	SampType: **MBLK**	TestCode: **CR6_DRY**	Units: **mg/Kg**	Prep Date:	RunNo: **57753**
Client ID: **PBS**	Batch ID: **R57753**	TestNo: **SW7196A**		Analysis Date: **5/9/2011**	SeqNo: **810820**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	U	0.400									

Sample ID: **BL SPK**	SampType: **LCS**	TestCode: **CR6_DRY**	Units: **mg/Kg**	Prep Date:	RunNo: **57753**
Client ID: **LCSS**	Batch ID: **R57753**	TestNo: **SW7196A**		Analysis Date: **5/9/2011**	SeqNo: **810821**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium, Hexavalent	9.87	0.400	10.00	0	98.7	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY_TAL_MET

Sample ID: PBS-051111A	SampType: MBLK	TestCode: DRY_TAL_M	Units: mg/Kg	Prep Date: 5/11/2011	RunNo: 57780
Client ID: PBS	Batch ID: 32072	TestNo: SW6010C	SW3050A	Analysis Date: 5/11/2011	SeqNo: 811238

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.400									
Antimony	U	0.500									
Arsenic	U	0.500									
Barium	U	0.400									
Beryllium	U	0.400									
Cadmium	U	0.400									
Calcium	U	0.500									
Cobalt	U	0.400									
Copper	U	0.400									
Iron	U	0.400									
Lead	U	0.400									
Magnesium	U	0.400									
Manganese	U	0.400									
Nickel	U	0.400									
Potassium	U	0.500									
Selenium	U	0.500									
Silver	U	0.400									
Sodium	U	0.500									
Thallium	U	0.500									
Vanadium	U	0.400									
Zinc	U	0.400									

Sample ID: LCSS-051111A	SampType: LCS	TestCode: DRY_TAL_M	Units: mg/Kg	Prep Date: 5/11/2011	RunNo: 57780
Client ID: LCSS	Batch ID: 32072	TestNo: SW6010C	SW3050A	Analysis Date: 5/11/2011	SeqNo: 811239

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	40.3	0.400	40.00	0	101	85	115				
Antimony	40.7	0.500	40.00	0	102	85	120				
Arsenic	41.6	0.500	40.00	0	104	82	118				
Barium	40.0	0.400	40.00	0	100	87	114				
Beryllium	41.1	0.400	40.00	0	103	87	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY_TAL_MET

Sample ID: LCSS-051111A	SampType: LCS	TestCode: DRY_TAL_M	Units: mg/Kg	Prep Date: 5/11/2011	RunNo: 57780
Client ID: LCSS	Batch ID: 32072	TestNo: SW6010C	SW3050A	Analysis Date: 5/11/2011	SeqNo: 811239

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	39.8	0.400	40.00	0	99.4	88	112				
Calcium	41.8	0.500	40.00	0	104	84	116				
Cobalt	40.8	0.400	40.00	0	102	89	113				
Copper	40.1	0.400	40.00	0	100	88	112				
Iron	40.5	0.400	40.00	0	101	80	120				
Lead	40.9	0.400	40.00	0	102	81	119				
Magnesium	40.1	0.400	40.00	0	100	89	113				
Manganese	39.9	0.400	40.00	0	99.7	84	114				
Nickel	39.6	0.400	40.00	0	99.0	85	117				
Potassium	417	0.500	400.0	0	104	82	120				
Selenium	41.5	0.500	40.00	0	104	84	118				
Silver	39.2	0.400	40.00	0	98.0	83	115				
Sodium	44.0	0.500	40.00	0	110	81	119				
Thallium	40.0	0.500	40.00	0	100	83	116				
Vanadium	40.6	0.400	40.00	0	101	88	112				
Zinc	41.1	0.400	40.00	0	103	86	114				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8081_Soil

Sample ID: **MB-32058**	SampType: **MBLK**	TestCode: **Dry8081_Soil**	Units: **µg/Kg**	Prep Date: **5/11/2011**	RunNo: **57865**
Client ID: **PBS**	Batch ID: **32058**	TestNo: **SW8081B**	**SW3550**	Analysis Date: **5/13/2011**	SeqNo: **812166**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	U	2.0									
4,4'-DDE	U	2.0									
4,4'-DDT	U	2.0									
Aldrin	U	2.0									
alpha-BHC	U	2.0									
beta-BHC	U	2.0									
Chlordane	U	2.0									
Chlorobenzilate	U	2.0									
DBCP	U	2.0									
delta-BHC	U	2.0									
Dieldrin	U	2.0									
Endosulfan I	U	2.0									
Endosulfan II	U	2.0									
Endosulfan sulfate	U	2.0									
Endrin	U	2.0									
Endrin aldehyde	U	2.0									
Endrin ketone	U	2.0									
gamma-BHC	U	2.0									
Heptachlor	U	2.0									
Heptachlor epoxide	U	2.0									
Hexachlorobenzene	U	2.0									
Hexachlorocyclopentadiene	U	2.0									
Methoxychlor	U	2.0									
Toxaphene	U	10									
Surr: DCB	25		25.00		99.5	23	157				
Surr: TCX	13		25.00		52.8	21	151				

Sample ID: **LCS-32058**	SampType: **LCS**	TestCode: **Dry8081_Soil**	Units: **µg/Kg**	Prep Date: **5/11/2011**	RunNo: **57865**
Client ID: **LCSS**	Batch ID: **32058**	TestNo: **SW8081B**	**SW3550**	Analysis Date: **5/13/2011**	SeqNo: **812167**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8081_Soil

Sample ID: LCS-32058	SampType: LCS	TestCode: Dry8081_Soil	Units: µg/Kg	Prep Date: 5/11/2011	RunNo: 57865
Client ID: LCSS	Batch ID: 32058	TestNo: SW8081B	SW3550	Analysis Date: 5/13/2011	SeqNo: 812167

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	3.2	2.0	5.000	0	64.5	28	162				
4,4'-DDE	4.6	2.0	5.000	0	92.1	25	145				
4,4'-DDT	5.0	2.0	5.000	0	99.2	26	143				
Aldrin	5.7	2.0	5.000	0	114	25	137				
alpha-BHC	5.4	2.0	5.000	0	108	29	154				
beta-BHC	5.2	2.0	5.000	0	103	28	152				
Chlorobenzilate	5.1	2.0	5.000	0	101	28	164				
DBCP	5.0	2.0	5.000	0	99.3	22	147				
delta-BHC	2.5	2.0	5.000	0	49.5	22	158				
Dieldrin	5.3	2.0	5.000	0	106	21	148				
Endosulfan I	5.4	2.0	5.000	0	109	12	153				
Endosulfan II	4.4	2.0	5.000	0	88.3	15	143				
Endosulfan sulfate	4.9	2.0	5.000	0	98.6	18	155				
Endrin	5.0	2.0	5.000	0	100	22	155				
Endrin aldehyde	5.0	2.0	5.000	0	100	19	149				
Endrin ketone	4.5	2.0	5.000	0	90.9	25	150				
gamma-BHC	5.8	2.0	5.000	0	115	23	150				
Heptachlor	5.7	2.0	5.000	0	114	20	152				
Heptachlor epoxide	5.7	2.0	5.000	0	113	19	157				
Hexachlorobenzene	1.0	2.0	5.000	0	20.9	15	152				J
Hexachlorocyclopentadiene	4.6	2.0	5.000	0	92.9	28	133				
Methoxychlor	5.3	2.0	5.000	0	107	25	150				
Surr: DCB	25		25.00		98.0	23	157				
Surr: TCX	12		25.00		49.6	21	151				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8082_Soil

Sample ID: **MB-32057**	SampType: **MBLK**	TestCode: **Dry8082_Soil**	Units: **µg/Kg**	Prep Date: **5/11/2011**	RunNo: **57857**
Client ID: **PBS**	Batch ID: **32057**	TestNo: **SW8082A**	**SW3550**	Analysis Date: **5/13/2011**	SeqNo: **812042**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	80									
Aroclor 1221	U	80									
Aroclor 1232	U	80									
Aroclor 1242	U	80									
Aroclor 1248	U	80									
Aroclor 1254	U	80									
Aroclor 1260	U	80									
Aroclor 1262	U	80									
Aroclor 1268	U	80									
Surr: TCX	12		25.00		47.2	17	151				
Surr: DCB	26		25.00		102	16	152				

Sample ID: **LCS-32057**	SampType: **LCS**	TestCode: **Dry8082_Soil**	Units: **µg/Kg**	Prep Date: **5/11/2011**	RunNo: **57857**
Client ID: **LCSS**	Batch ID: **32057**	TestNo: **SW8082A**	**SW3550**	Analysis Date: **5/13/2011**	SeqNo: **812043**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1221	61	80	50.00	0	122	50	135				J
Aroclor 1262	49	80	50.00	0	99.0	50	135				J
Surr: TCX	8.8		25.00		35.1	17	151				
Surr: DCB	24		25.00		94.5	16	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8151_Soil

Sample ID: **MB-32040**	SampType: **MBLK**	TestCode: **Dry8151_Soil**	Units: **µg/Kg**	Prep Date: **5/9/2011**	RunNo: **57781**
Client ID: **PBS**	Batch ID: **32040**	TestNo: **SW8151A**	**SW8151**	Analysis Date: **5/10/2011**	SeqNo: **811252**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	U	100									
2,4,5-TP	U	100									
2,4-D	U	100									
Dicamba	U	100									
Surr: 2,4-DCAA	17		16.65		99.2	15	135				

Sample ID: **LCS-32040**	SampType: **LCS**	TestCode: **Dry8151_Soil**	Units: **µg/Kg**	Prep Date: **5/9/2011**	RunNo: **57781**
Client ID: **LCSS**	Batch ID: **32040**	TestNo: **SW8151A**	**SW8151**	Analysis Date: **5/10/2011**	SeqNo: **811253**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	22	100	33.33	0	67.3	15	151				J
2,4,5-TP	24	100	33.33	0	71.3	18	134				J
2,4-D	23	100	33.33	0	69.0	15	135				J
Surr: 2,4-DCAA	14		16.65		86.3	15	135				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8270_Soil

Sample ID: **MB-32042**	SampType: **MBLK**	TestCode: **Dry8270_Soil**	Units: **µg/Kg**	Prep Date: **5/9/2011**	RunNo: **57783**
Client ID: **PBS**	Batch ID: **32042**	TestNo: **SW8270D**	**SW3550C**	Analysis Date: **5/10/2011**	SeqNo: **811261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	250									
1,2-Dichlorobenzene	U	250									
1,3-Dichlorobenzene	U	250									
1,4-Dichlorobenzene	U	250									
2,4,5-Trichlorophenol	U	250									
2,4,6-Trichlorophenol	U	250									
2,4-Dichlorophenol	U	250									
2,4-Dimethylphenol	U	250									
2,4-Dinitrophenol	U	250									
2,4-Dinitrotoluene	U	250									
2,6-Dinitrotoluene	U	250									
2-Chloronaphthalene	U	250									
2-Chlorophenol	U	250									
2-Methylnaphthalene	U	250									
2-Methylphenol	U	250									
2-Nitroaniline	U	250									
2-Nitrophenol	U	250									
3,3'-Dichlorobenzidine	U	250									
3+4-Methylphenol	U	250									
3-Nitroaniline	U	250									
4,6-Dinitro-2-methylphenol	U	250									
4-Bromophenyl phenyl ether	U	250									
4-Chloro-3-methylphenol	U	250									
4-Chloroaniline	U	250									
4-Chlorophenyl phenyl ether	U	250									
4-Nitroaniline	U	250									
4-Nitrophenol	U	250									
Acenaphthene	U	250									
Acenaphthylene	U	250									
Acetophenone	U	250									
Aniline	U	250									

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8270_Soil

Sample ID: **MB-32042**	SampType: **MBLK**	TestCode: **Dry8270_Soil**	Units: **µg/Kg**	Prep Date: **5/9/2011**	RunNo: **57783**
Client ID: **PBS**	Batch ID: **32042**	TestNo: **SW8270D**	**SW3550C**	Analysis Date: **5/10/2011**	SeqNo: **811261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Anthracene	U	250									
Atrazine	U	250									
Azobenzene	U	250									
Benzaldehyde	U	250									C
Benzidine	U	250									
Benzo(a)anthracene	U	250									
Benzo(a)pyrene	U	250									
Benzo(b)fluoranthene	U	250									
Benzo(g,h,i)perylene	U	250									
Benzo(k)fluoranthene	U	250									
Benzoic acid	U	250									
Benzyl alcohol	U	250									
Biphenyl	U	250									
Bis(2-chloroethoxy)methane	U	250									
Bis(2-chloroethyl)ether	U	250									
Bis(2-chloroisopropyl)ether	U	250									C
Bis(2-ethylhexyl)phthalate	U	250									
Butyl benzyl phthalate	U	250									
Caprolactam	U	250									
Carbazole	U	250									
Chrysene	U	250									
Dibenzo(a,h)anthracene	U	250									
Dibenzofuran	U	250									
Diethyl phthalate	U	250									
Dimethyl phthalate	U	250									
Di-n-butyl phthalate	U	250									
Di-n-octyl phthalate	U	250									
Fluoranthene	U	250									
Fluorene	U	250									
Hexachlorobenzene	U	250									
Hexachlorobutadiene	U	250									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8270_Soil

Sample ID: **MB-32042**	SampType: **MBLK**	TestCode: **Dry8270_Soil**	Units: **µg/Kg**	Prep Date: **5/9/2011**	RunNo: **57783**
Client ID: **PBS**	Batch ID: **32042**	TestNo: **SW8270D**	**SW3550C**	Analysis Date: **5/10/2011**	SeqNo: **811261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorocyclopentadiene	U	250									
Hexachloroethane	U	250									
Indeno(1,2,3-c,d)pyrene	U	250									
Isophorone	U	250									
Naphthalene	U	250									
Nitrobenzene	U	250									
N-Nitrosodimethylamine	U	250									C
N-Nitrosodi-n-propylamine	U	250									
N-Nitrosodiphenylamine	U	250									
Parathion	U	250									C
Pentachlorophenol	U	250									
Phenanthrene	U	250									
Phenol	U	250									
Pyrene	U	250									
Pyridine	U	250									C
Surr: 2,4,6-Tribromophenol	1100		1997		56.7	23	121				
Surr: 2-Fluorobiphenyl	800		998.5		80.2	23	120				
Surr: 2-Fluorophenol	910		1997		45.8	12	111				
Surr: 4-Terphenyl-d14	930		998.5		93.6	23	128				
Surr: Nitrobenzene-d5	630		998.5		62.9	18	116				
Surr: Phenol-d6	910		1997		45.7	11	112				

Sample ID: **LCS-32042**	SampType: **LCS**	TestCode: **Dry8270_Soil**	Units: **µg/Kg**	Prep Date: **5/9/2011**	RunNo: **57783**
Client ID: **LCSS**	Batch ID: **32042**	TestNo: **SW8270D**	**SW3550C**	Analysis Date: **5/10/2011**	SeqNo: **811262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1500	250	1974	0	78.0	38	128				
1,2-Dichlorobenzene	1500	250	1974	0	75.8	37	123				
1,3-Dichlorobenzene	1400	250	1974	0	72.7	39	121				
1,4-Dichlorobenzene	1400	250	1974	0	73.0	32	124				
2,4,5-Trichlorophenol	1600	250	1974	0	81.6	42	122				

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8270_Soil

Sample ID: **LCS-32042**	SampType: **LCS**	TestCode: **Dry8270_Soil**	Units: **µg/Kg**	Prep Date: **5/9/2011**	RunNo: **57783**
Client ID: **LCSS**	Batch ID: **32042**	TestNo: **SW8270D**	**SW3550C**	Analysis Date: **5/10/2011**	SeqNo: **811262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	1500	250	1974	0	78.2	40	124				
2,4-Dichlorophenol	1400	250	1974	0	73.4	37	124				
2,4-Dimethylphenol	1100	250	1974	0	56.3	35	127				
2,4-Dinitrophenol	880	250	1974	0	44.7	13	125				
2,4-Dinitrotoluene	1700	250	1974	0	87.7	28	126				
2,6-Dinitrotoluene	1700	250	1974	0	85.8	29	127				
2-Chloronaphthalene	1800	250	1974	0	88.7	41	117				
2-Chlorophenol	1400	250	1974	0	69.9	33	121				
2-Nitrophenol	1400	250	1974	0	72.0	10	128				
4,6-Dinitro-2-methylphenol	1600	250	1974	0	82.8	13	127				
4-Bromophenyl phenyl ether	1800	250	1974	0	92.2	47	123				
4-Chloro-3-methylphenol	890	250	1974	0	45.1	31	135				
4-Chloroaniline	490	250	1974	0	24.8	20	130				
4-Chlorophenyl phenyl ether	1700	250	1974	0	86.9	20	130				
4-Nitrophenol	900	250	1974	0	45.5	11	115				
Acenaphthene	1700	250	1974	0	85.3	38	122				
Acenaphthylene	1600	250	1974	0	81.7	48	121				
Aniline	730	250	1974	0	36.8	27	83				
Anthracene	1700	250	1974	0	87.1	40	120				
Benzo(a)anthracene	1700	250	1974	0	88.4	45	120				
Benzo(a)pyrene	1800	250	1974	0	89.9	47	120				
Benzo(b)fluoranthene	1900	250	1974	0	94.0	42	119				
Benzo(g,h,i)perylene	1900	250	1974	0	95.8	42	138				
Benzo(k)fluoranthene	1800	250	1974	0	90.9	35	130				
Bis(2-chloroethoxy)methane	1300	250	1974	0	67.4	50	121				
Bis(2-chloroethyl)ether	730	250	1974	0	36.8	29	120				
Bis(2-chloroisopropyl)ether	1200	250	1974	0	61.8	52	138				C
Bis(2-ethylhexyl)phthalate	1600	250	1974	0	82.3	57	129				
Butyl benzyl phthalate	1600	250	1974	0	81.2	51	125				
Chrysene	1800	250	1974	0	90.8	43	125				
Dibenzo(a,h)anthracene	1900	250	1974	0	95.3	43	133				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8270_Soil

Sample ID: LCS-32042	SampType: LCS	TestCode: Dry8270_Soil	Units: µg/Kg	Prep Date: 5/9/2011	RunNo: 57783
Client ID: LCSS	Batch ID: 32042	TestNo: SW8270D	SW3550C	Analysis Date: 5/10/2011	SeqNo: 811262

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethyl phthalate	1900	250	1974	0	96.9	47	125				
Dimethyl phthalate	1800	250	1974	0	89.5	44	131				
Di-n-butyl phthalate	1800	250	1974	0	91.9	51	128				
Di-n-octyl phthalate	1800	250	1974	0	90.0	41	123				
Fluoranthene	1900	250	1974	0	94.3	42	120				
Fluorene	1700	250	1974	0	86.5	38	122				
Hexachlorobenzene	1700	250	1974	0	85.4	40	133				
Hexachlorobutadiene	1700	250	1974	0	88.6	38	135				
Hexachlorocyclopentadiene	1800	250	1974	0	93.4	10	128				
Hexachloroethane	1600	250	1974	0	79.5	21	138				
Indeno(1,2,3-c,d)pyrene	1800	250	1974	0	92.4	49	150				
Isophorone	1200	250	1974	0	61.3	47	122				
Naphthalene	1600	250	1974	0	79.1	33	127				
Nitrobenzene	1200	250	1974	0	59.4	36	127				
N-Nitrosodi-n-propylamine	1400	250	1974	0	68.5	39	130				
N-Nitrosodiphenylamine	1700	250	1974	0	84.3	49	122				
Pentachlorophenol	1800	250	1974	0	91.7	21	124				
Phenanthrene	1700	250	1974	0	88.1	49	126				
Phenol	670	250	1974	0	33.7	21	106				
Pyrene	1700	250	1974	0	88.3	39	123				
Surr: 2,4,6-Tribromophenol	1300		1974		66.4	23	121				
Surr: 2-Fluorobiphenyl	820		987.2		83.3	23	120				
Surr: 2-Fluorophenol	680		1974		34.4	12	111				
Surr: 4-Terphenyl-d14	870		987.2		88.3	23	128				
Surr: Nitrobenzene-d5	540		987.2		54.8	18	116				
Surr: Phenol-d6	750		1974		38.2	11	112				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **V624LCS-050611HS** SampType: **LCS** TestCode: **DryFull8260_** Units: **µg/Kg** Prep Date: **5/6/2011** RunNo: **57737**
Client ID: **LCSS** Batch ID: **R57737** TestNo: **SW8260C** Analysis Date: **5/6/2011** SeqNo: **810696**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	36	5.0	50.00	0	72.7	26	120				
1,1,2,2-Tetrachloroethane	41	5.0	50.00	0	82.2	30	130				
1,1,2-Trichloroethane	39	5.0	50.00	0	77.2	26	126				
1,1-Dichloroethane	36	5.0	50.00	0	72.1	20	129				
1,1-Dichloroethene	36	5.0	50.00	0	71.5	25	130				
1,2-Dichlorobenzene	34	5.0	50.00	0	68.6	21	120				
1,2-Dichloroethane	38	5.0	50.00	0	76.7	20	120				
1,2-Dichloropropane	37	5.0	50.00	0	73.7	22	126				
1,3-Dichlorobenzene	35	5.0	50.00	0	69.6	23	120				
1,4-Dichlorobenzene	34	5.0	50.00	0	68.2	26	123				
2-Chloroethyl vinyl ether	49	5.0	50.00	0	97.7	20	125				C
Benzene	36	5.0	50.00	0	72.7	30	130				
Bromodichloromethane	37	5.0	50.00	0	75.0	30	130				
Bromoform	36	5.0	50.00	0	72.9	20	123				
Bromomethane	33	5.0	50.00	0	65.4	35	133				
Carbon tetrachloride	38	5.0	50.00	0	76.6	25	125				
Chlorobenzene	36	5.0	50.00	0	71.5	21	133				
Chloroethane	29	5.0	50.00	0	57.0	40	144				C
Chloroform	36	5.0	50.00	0	71.6	26	124				
Chloromethane	34	5.0	50.00	0	67.9	36	140				
cis-1,3-Dichloropropene	35	5.0	50.00	0	70.4	22	122				
Dibromochloromethane	38	5.0	50.00	0	75.1	22	124				
Ethylbenzene	34	5.0	50.00	0	67.7	15	130				
Methylene chloride	40	5.0	50.00	0	79.1	30	149				B
Tetrachloroethene	31	5.0	50.00	0	62.4	20	120				
Toluene	36	5.0	50.00	0	72.9	20	119				
trans-1,2-Dichloroethene	33	5.0	50.00	0	66.6	20	120				
trans-1,3-Dichloropropene	35	5.0	50.00	0	70.4	14	115				
Trichloroethene	36	5.0	50.00	0	72.0	23	121				
Trichlorofluoromethane	49	5.0	50.00	0	97.2	38	142				
Vinyl chloride	42	5.0	50.00	0	83.1	40	145				

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: V624LCS-050611HS	SampType: LCS	TestCode: DryFull8260_	Units: µg/Kg	Prep Date: 5/6/2011	RunNo: 57737
Client ID: LCSS	Batch ID: R57737	TestNo: SW8260C		Analysis Date: 5/6/2011	SeqNo: 810696

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	50		50.00		100	64	132				
Surr: Dibromofluoromethane	54		50.00		107	66	131				
Surr: Toluene-d8	51		50.00		103	54	132				

Sample ID: VBLK-050611HS	SampType: MBLK	TestCode: DryFull8260_	Units: µg/Kg	Prep Date: 5/6/2011	RunNo: 57737
Client ID: PBS	Batch ID: R57737	TestNo: SW8260C		Analysis Date: 5/6/2011	SeqNo: 810697

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									
1,2,4,5-Tetramethylbenzene	U	5.0									
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
1,4-Dioxane	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-050611HS**	SampType: **MBLK**	TestCode: **DryFull8260_**	Units: **µg/Kg**	Prep Date: **5/6/2011**	RunNo: **57737**
Client ID: **PBS**	Batch ID: **R57737**	TestNo: **SW8260C**		Analysis Date: **5/6/2011**	SeqNo: **810697**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2-Dichloropropane	U	5.0									
2-Butanone	U	5.0									C
2-Chloroethyl vinyl ether	U	5.0									C
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									C
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									C
Acrolein	U	10									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
Bromodichloromethane	U	5.0									
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									C
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-050611HS**	SampType: **MBLK**	TestCode: **DryFull8260_**	Units: **µg/Kg**	Prep Date: **5/6/2011**	RunNo: **57737**
Client ID: **PBS**	Batch ID: **R57737**	TestNo: **SW8260C**		Analysis Date: **5/6/2011**	SeqNo: **810697**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethanol	U	10									
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									
Methyl Acetate	U	5.0									
Methyl tert-butyl ether	U	5.0									C
Methylene chloride	7.9	5.0									
n-Amyl acetate	U	5.0									
Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									
Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									
trans-1,3-Dichloropropene	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID: **VBLK-050611HS**	SampType: **MBLK**	TestCode: **DryFull8260_**	Units: **µg/Kg**	Prep Date: **5/6/2011**	RunNo: **57737**
Client ID: **PBS**	Batch ID: **R57737**	TestNo: **SW8260C**		Analysis Date: **5/6/2011**	SeqNo: **810697**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	47		50.00		94.7	64	132				
Surr: Dibromofluoromethane	55		50.00		110	66	131				
Surr: Toluene-d8	48		50.00		96.0	54	132				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID: **LCSS-051111A**	SampType: **LCS**	TestCode: **DRYHG_S**	Units: **mg/Kg**	Prep Date: **5/11/2011**	RunNo: **57791**
Client ID: **LCSS**	Batch ID: **32073**	TestNo: **SW7471B**	**SW7471B**	Analysis Date: **5/11/2011**	SeqNo: **811304**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.196	0.0100	0.2000	0	97.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: CN_DRY

Sample ID: 1105084-01B-MS	SampType: MS	TestCode: CN_DRY	Units: mg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57832
Client ID: 25th Street Terminal	Batch ID: 32085	TestNo: SW9012A	SW9012A	Analysis Date: 5/12/2011	SeqNo: 811893

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Color	2.16	0.106	2.115	0	102	63	123				

Sample ID: 1105084-01B-MSD	SampType: MSD	TestCode: CN_DRY	Units: mg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57832
Client ID: 25th Street Terminal	Batch ID: 32085	TestNo: SW9012A	SW9012A	Analysis Date: 5/12/2011	SeqNo: 811894

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Color	2.14	0.106	2.115	0	101	63	123	2.158	0.985	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY_TAL_MET

Sample ID: 1105098-02A-MS	SampType: MS	TestCode: DRY_TAL_M	Units: mg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57780
Client ID: ZZZZZZ	Batch ID: 32072	TestNo: SW6010C	SW3050A	Analysis Date: 5/11/2011	SeqNo: 811676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	3710	0.414	21.97	3757	-197	68	124				S
Antimony	15.6	0.518	21.97	0	70.9	62	122				
Arsenic	20.6	0.518	21.97	2.288	83.5	66	126				
Barium	53.3	0.414	21.97	39.63	62.1	65	125				S
Beryllium	14.9	0.414	21.97	0	67.7	64	124				
Cadmium	17.1	0.414	21.97	0	77.7	66	124				
Calcium	3840	0.518	21.97	3955	-511	64	124				S
Cobalt	12.7	0.414	21.97	0	57.8	65	123				S
Copper	29.5	0.414	21.97	11.32	82.9	67	130				
Iron	5610	0.414	21.97	0	25500	70	125				S
Lead	46.9	0.414	21.97	30.81	73.3	64	124				
Magnesium	1680	0.414	21.97	1705	-118	56	132				S
Manganese	180	0.414	21.97	167.2	58.4	65	125				S
Nickel	25.2	0.414	21.97	9.486	71.4	63	125				
Potassium	1380	0.518	219.7	1213	75.8	75	125				
Selenium	17.5	0.518	21.97	0	79.6	66	124				
Silver	16.5	0.414	21.97	0	74.9	67	123				
Sodium	140	0.518	21.97	91.12	224	75	125				S
Thallium	17.0	0.518	21.97	0.7905	73.8	65	125				
Vanadium	33.3	0.414	21.97	15.62	80.6	63	126				
Zinc	63.3	0.414	21.97	46.25	77.4	62	130				

Sample ID: 1105098-02A-MSD	SampType: MSD	TestCode: DRY_TAL_M	Units: mg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57780
Client ID: ZZZZZZ	Batch ID: 32072	TestNo: SW6010C	SW3050A	Analysis Date: 5/11/2011	SeqNo: 811677

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	3710	0.414	21.97	3757	-225	68	124	3714	0.168	20	S
Antimony	16.3	0.518	21.97	0	74.3	60	126	15.59	4.68	20	
Arsenic	20.8	0.518	21.97	2.288	84.2	63	120	20.62	0.801	20	
Barium	53.4	0.414	21.97	39.63	62.8	65	125	53.26	0.311	20	S
Beryllium	16.4	0.414	21.97	0	74.7	64	124	14.88	9.80	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- C Calibration %RSD/%D exceeded for non-CCC analytes
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- LOD Limit of Detection
- LOQ Limit of Quantitation
- P >40% diff for detected conc between the two GC column
- R RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY_TAL_MET

Sample ID: 1105098-02A-MSD	SampType: MSD	TestCode: DRY_TAL_M	Units: mg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57780
Client ID: ZZZZZZ	Batch ID: 32072	TestNo: SW6010C	SW3050A	Analysis Date: 5/11/2011	SeqNo: 811677

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	17.1	0.414	21.97	0	78.0	66	124	17.08	0.363	20	
Calcium	3850	0.518	21.97	3955	-464	64	124	3842	0.269	20	S
Cobalt	13.0	0.414	21.97	0	59.1	65	123	12.70	2.10	20	S
Copper	29.6	0.414	21.97	11.32	83.1	67	130	29.53	0.140	20	
Iron	5600	0.414	21.97	0	25500	67	123	5610	0.259	20	S
Lead	47.2	0.414	21.97	30.81	74.5	64	124	46.92	0.529	20	
Magnesium	1680	0.414	21.97	1705	-94.4	56	132	1679	0.308	20	S
Manganese	181	0.414	21.97	167.2	62.0	65	125	180.1	0.448	20	S
Nickel	25.3	0.414	21.97	9.486	71.9	63	125	25.18	0.411	20	
Potassium	1380	0.518	219.7	1213	77.0	62	121	1379	0.180	20	
Selenium	17.5	0.518	21.97	0	79.5	60	122	17.49	0.119	20	
Silver	16.5	0.414	21.97	0	75.2	67	123	16.46	0.377	20	
Sodium	140	0.518	21.97	91.12	222	62	128	140.2	0.163	20	S
Thallium	17.0	0.518	21.97	0.7905	73.9	54	125	16.99	0.122	20	
Vanadium	33.3	0.414	21.97	15.62	80.7	63	126	33.33	0.0622	20	
Zinc	63.4	0.414	21.97	46.25	78.3	62	130	63.25	0.294	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- C Calibration %RSD/%D exceeded for non-CCC analytes
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- LOD Limit of Detection
- LOQ Limit of Quantitation
- P >40% diff for detected conc between the two GC column
- R RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8081_Soil

Sample ID: 1105098-02A-MS	SampType: MS	TestCode: Dry8081_Soil	Units: µg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57865
Client ID: ZZZZZZ	Batch ID: 32058	TestNo: SW8081B	SW3550	Analysis Date: 5/12/2011	SeqNo: 812164

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	13		27.34		47.3	23	157				
Surr: TCX	9.7		27.34		35.6	21	151				

Sample ID: 1105098-02A-MSD	SampType: MSD	TestCode: Dry8081_Soil	Units: µg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57865
Client ID: ZZZZZZ	Batch ID: 32058	TestNo: SW8081B	SW3550	Analysis Date: 5/12/2011	SeqNo: 812165

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	14		27.41		50.2	23	157		0	0	
Surr: TCX	11		27.41		38.4	21	151		0	0	

Sample ID: 1105098-02A-MS	SampType: MS	TestCode: Dry8081_Soil	Units: µg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57865
Client ID: ZZZZZZ	Batch ID: 32058	TestNo: SW8081B	SW3550	Analysis Date: 5/11/2011	SeqNo: 812264

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	20		27.34		71.9	23	157				
Surr: TCX	18		27.34		67.3	21	151				

Sample ID: 1105098-02A-MSD	SampType: MSD	TestCode: Dry8081_Soil	Units: µg/Kg-dry	Prep Date: 5/11/2011	RunNo: 57865
Client ID: ZZZZZZ	Batch ID: 32058	TestNo: SW8081B	SW3550	Analysis Date: 5/11/2011	SeqNo: 812265

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	20		27.41		74.8	23	157		0	0	
Surr: TCX	19		27.41		67.7	21	151		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8082_Soil

Sample ID: **1105084-01B-MSD** SampType: **MSD** TestCode: **Dry8082_Soil** Units: **µg/Kg-dry** Prep Date: **5/11/2011** RunNo: **57857**
Client ID: **25th Street Terminal** Batch ID: **32057** TestNo: **SW8082A** **SW3550** Analysis Date: **5/12/2011** SeqNo: **812182**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1221	47	84	52.65	0	88.8	30	120	0	0	20	J
Aroclor 1262	51	84	52.65	0	96.0	30	143	0	0	20	J
Surr: TCX	10		26.32		39.8	17	151		0	0	
Surr: DCB	25		26.32		94.4	16	152		0	0	

Sample ID: **1105084-01B-MS** SampType: **MS** TestCode: **Dry8082_Soil** Units: **µg/Kg-dry** Prep Date: **5/11/2011** RunNo: **57857**
Client ID: **25th Street Terminal** Batch ID: **32057** TestNo: **SW8082A** **SW3550** Analysis Date: **5/12/2011** SeqNo: **812205**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1221	57	84	52.72	0	108	30	120				J
Aroclor 1262	56	84	52.72	0	106	30	143				J
Surr: TCX	13		26.36		50.0	17	151				
Surr: DCB	28		26.36		108	16	152				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: Dry8151_Soil

Sample ID: **1105084-01B-MS** SampType: **MS** TestCode: **Dry8151_Soil** Units: **µg/Kg-dry** Prep Date: **5/9/2011** RunNo: **57781**
Client ID: **25th Street Terminal** Batch ID: **32040** TestNo: **SW8151A SW8151** Analysis Date: **5/10/2011** SeqNo: **811259**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	21	110	35.23	0	60.4	15	151				J
2,4,5-TP	24	110	35.23	0	67.6	18	134				J
2,4-D	29	110	35.23	0	83.1	15	135				J
Surr: 2,4-DCAA	22		17.60		123	15	135				

Sample ID: **1105084-01B-MSD** SampType: **MSD** TestCode: **Dry8151_Soil** Units: **µg/Kg-dry** Prep Date: **5/9/2011** RunNo: **57781**
Client ID: **25th Street Terminal** Batch ID: **32040** TestNo: **SW8151A SW8151** Analysis Date: **5/10/2011** SeqNo: **811260**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	21	110	35.19	0	59.5	15	151	21.27	0	20	J
2,4,5-TP	21	110	35.19	0	59.9	18	134	23.81	0	20	J
2,4-D	29	110	35.19	0	81.4	15	135	29.27	0	20	J
Surr: 2,4-DCAA	20		17.58		116	15	135		0	20	

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration %RSD/%D exceeded for non-CCC analytes
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
P >40% diff for detected conc between the two GC column
R RPD outside accepted recovery limits

CLIENT: New York Sand & Stone, LLC
Work Order: 1105084
Project: NYSDEC Biannual Test

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID: **1105084-01B-MS**	SampType: **MS**	TestCode: **DRYHG_S**	Units: **mg/Kg-dry**	Prep Date: **5/11/2011**	RunNo: **57791**
Client ID: **25th Street Terminal**	Batch ID: **32073**	TestNo: **SW7471B**	**SW7471B**	Analysis Date: **5/11/2011**	SeqNo: **811313**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.215	0.0104	0.2074	0.008980	99.2	80	120				

Sample ID: **1105084-01B-MSD**	SampType: **MSD**	TestCode: **DRYHG_S**	Units: **mg/Kg-dry**	Prep Date: **5/11/2011**	RunNo: **57791**
Client ID: **25th Street Terminal**	Batch ID: **32073**	TestNo: **SW7471B**	**SW7471B**	Analysis Date: **5/11/2011**	SeqNo: **811316**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.213	0.0102	0.2034	0.008980	100	80	120	0.2146	0.741	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	R	RPD outside accepted recovery limits

UNIVERSAL TESTING & INSPECTION SERVICES, Inc.

AASHTO- NATIONALLY ACCREDITED- Soils/ Concrete/ Aggregates/ HMA

ServiceReport

Report No. 11-1919 Page 3 of 3

Date: April 14, 2011

Client: New York Sand & Stone, LLC
63 Flushing Ave.
Unit 311
Brooklyn, NY 11205

Material: Aggregate Base Stone Item 4
Sampled By: Client Delivered By: Client
Test Type:, ASTM C136, ASTM 117

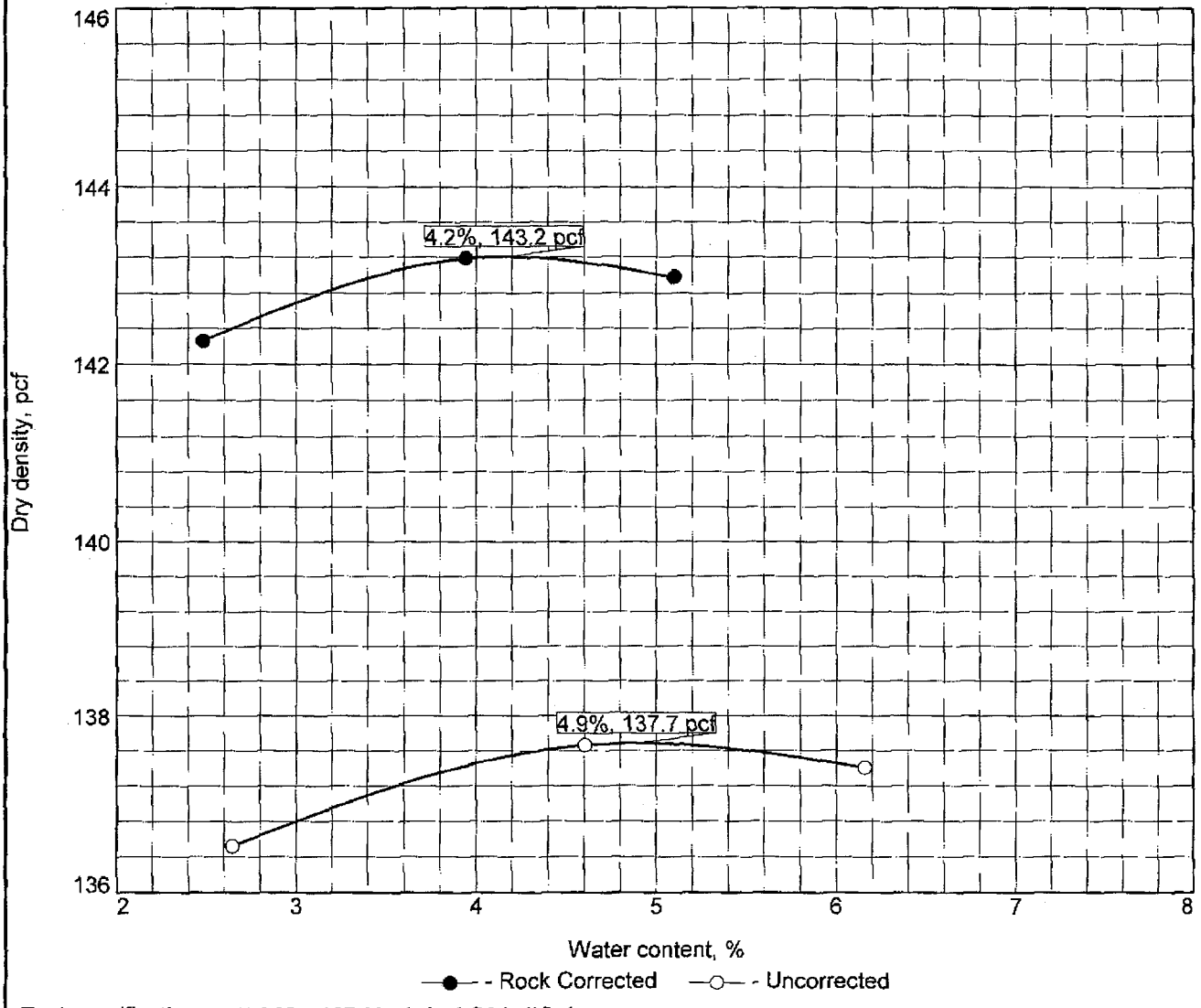
Gradation ASTM C136 ASTM C117

Sieve Size	Percent Passing	Specification
2 in	100.0	100
¼ in	56.5	25 - 60
#40	17.6	5 - 40
#200	2.4	0 - 10

Laboratory Supervisor

 UTI Headquarters: 73 Otis Street, West Babylon, NY 11704 (T) 631.491.5252/ 888.686.4522 (F) 631.491.5959

COMPACTION TEST REPORT



Test specification: ASTM D 1557-02 Method C Modified
ASTM D 4718-87 Oversize Corr. Applied to Each Test Point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
BORROW			2.6				25.4	6.8

ROCK CORRECTED TEST RESULTS	UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 143.2 pcf	137.7 pcf	CRUSHED STONE WITH SCREENINGS AND FINES.PICKED UP AND DELIVERED BY MTL ON 9/07/12.
Optimum moisture = 4.2 %	4.9 %	

Project No. **Client:** ENVIRONMENTAL QUALITY COMPANY
Project: EQ BETHPAGE

o **Loc.:** BETHPAGE **Depth:** BORROW **Sample No.:** ITEM #4

MUNICIPAL TESTING LABORATORY, INC.

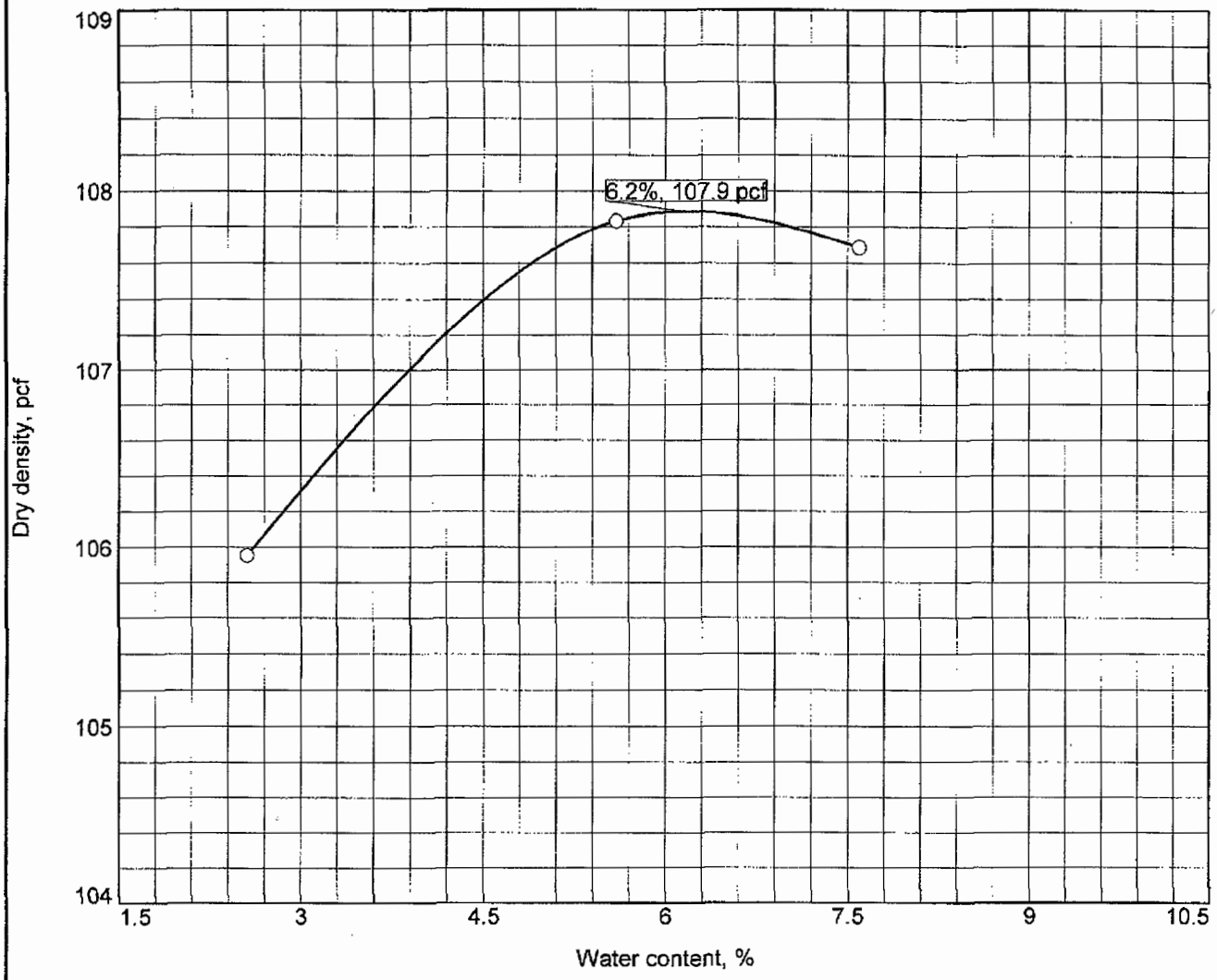
Hauppauge, NY

Remarks:
REPORT#B9709.ASTM D1557.DATE:9/10/12.SAMPLE ID - ITEM #4.

Figure

Tested By: J.ALINCASTRE **Checked By:** MURAT SIMSEK,P.E.

COMPACTION TEST REPORT



Test specification: ASTM D 1557-02 Method C Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
BORROW	SP		2.6				0.0	1.4

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 107.9 pcf Optimum moisture = 6.2 %	CLEAN COARSE TO FINE SAND.PICKED UP AND DELIVERED BY MTL ON 9/07/12. SOURCE:NEW YORK

Project No. **Client:** ENVIRONMENTAL QUALITY COMPANY

Project: EQ BETHPAGE

o **Loc.:** BETHPAGE **Depth:** BORROW **Sample No.:** PIPE SAND

Remarks:

REPORT#B6706. ASTM D1557. DATE:9/10/12.SAMPLE ID - PIPE SAND.

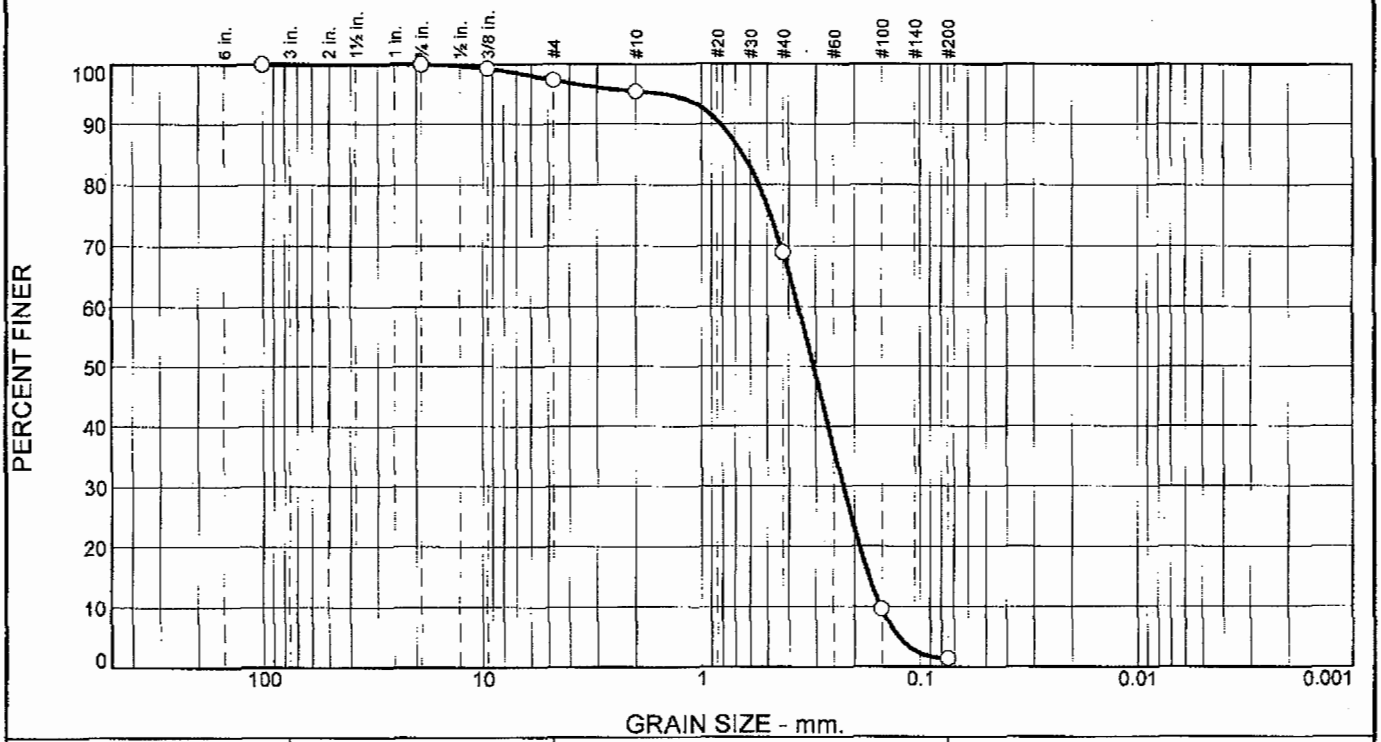
MUNICIPAL TESTING LABORATORY, INC.

Hauppauge, NY

Figure

Tested By: J.ALINCASTRE **Checked By:** MURAT SIMSEK,P.E.

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	2.6	2.0	26.4	67.6	1.4	

Test Results (ASTM D422 & ASTM D422)

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
4	100.0	100.0 - 100.0	
3/4	100.0		
3/8	99.3		
#4	97.4		
#10	95.4		
#40	69.0	0.0 - 70.0	
#100	9.6		
#200	1.4	0.0 - 15.0	

* NY STATE SELECT FILL

Material Description

CLEAN COARSE TO FINE SAND.PICKED UP AND DELIVERED BY MTL ON 9/07/12. SOURCE:NEW YORK SAND AND STONE BROOKLYN.

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= SP AASHTO (M 145)=

Coefficients

D_{90}= 0.8161 D_{85}= 0.6472 D_{60}= 0.3616
D_{50}= 0.3078 D_{30}= 0.2252 D_{15}= 0.1712
D_{10}= 0.1516 C_u= 2.39 C_c= 0.93

Remarks

REPORT#B6705. ASTM D422 & D2487.

Date Received: 9/07/12 **Date Tested:** 9/10/12

Tested By: J.ALINCASTRE

Checked By: MURAT SIMSEK,P.E.

Title: LAB DIRECTOE

Location: BETHPAGE **Date Sampled:** 9/07/12

Sample Number: PIPE SAND **Depth:** BORROW

MUNICIPAL TESTING LABORATORY, INC.

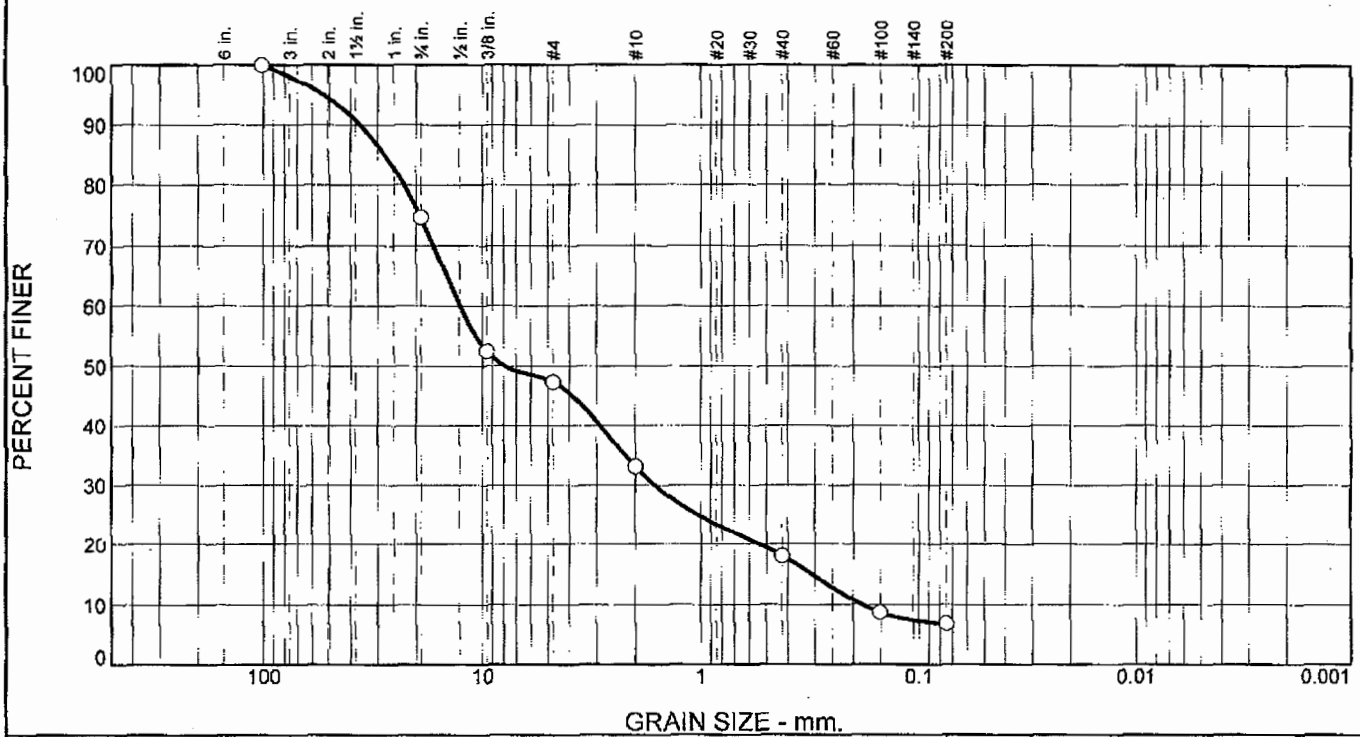
Hauppauge, NY

Client: ENVIRONMENTAL QUALITY COMPANY

Project: EQ BETHPAGE

Project No: **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
1.9	23.5	27.2	14.3	15.1	11.2	6.8	

Test Results (ASTM D422 & ASTM D422)

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
4	100.0	100.0 - 100.0	
3/4	74.6		
3/8	52.5		
#4	47.4		
#10	33.1		
#40	18.0	0.0 - 70.0	
#100	8.7		
#200	6.8	0.0 - 15.0	

* NY STATE SELECT FILL

Material Description

CRUSHED STONE WITH SCREENINGS AND FINES.PICKED UP AND DELIVERED BY MTL ON 9/07/12. SOURCE:NEW YORK SAND AND STONE BROOKLYN.

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D_{90}= 36.1949 D_{85}= 27.8759 D_{60}= 12.5521
D_{50}= 7.9282 D_{30}= 1.6274 D_{15}= 0.3095
D_{10}= 0.1819 C_u= 69.02 C_c= 1.16

Remarks

REPORT#B6707.ASTM D422. SAMPLE ID - ITEM#4.

Date Received: 9/07/12 **Date Tested:** 9/10/12

Tested By: J.ALINCASTRE

Checked By: MURAT SIMSEK,P.E.

Title: LAB DIRECTOR

Location: BETHPAGE **Date Sampled:** 9/07/12

Sample Number: ITEM #4 **Depth:** BORROW

MUNICIPAL TESTING LABORATORY, INC.

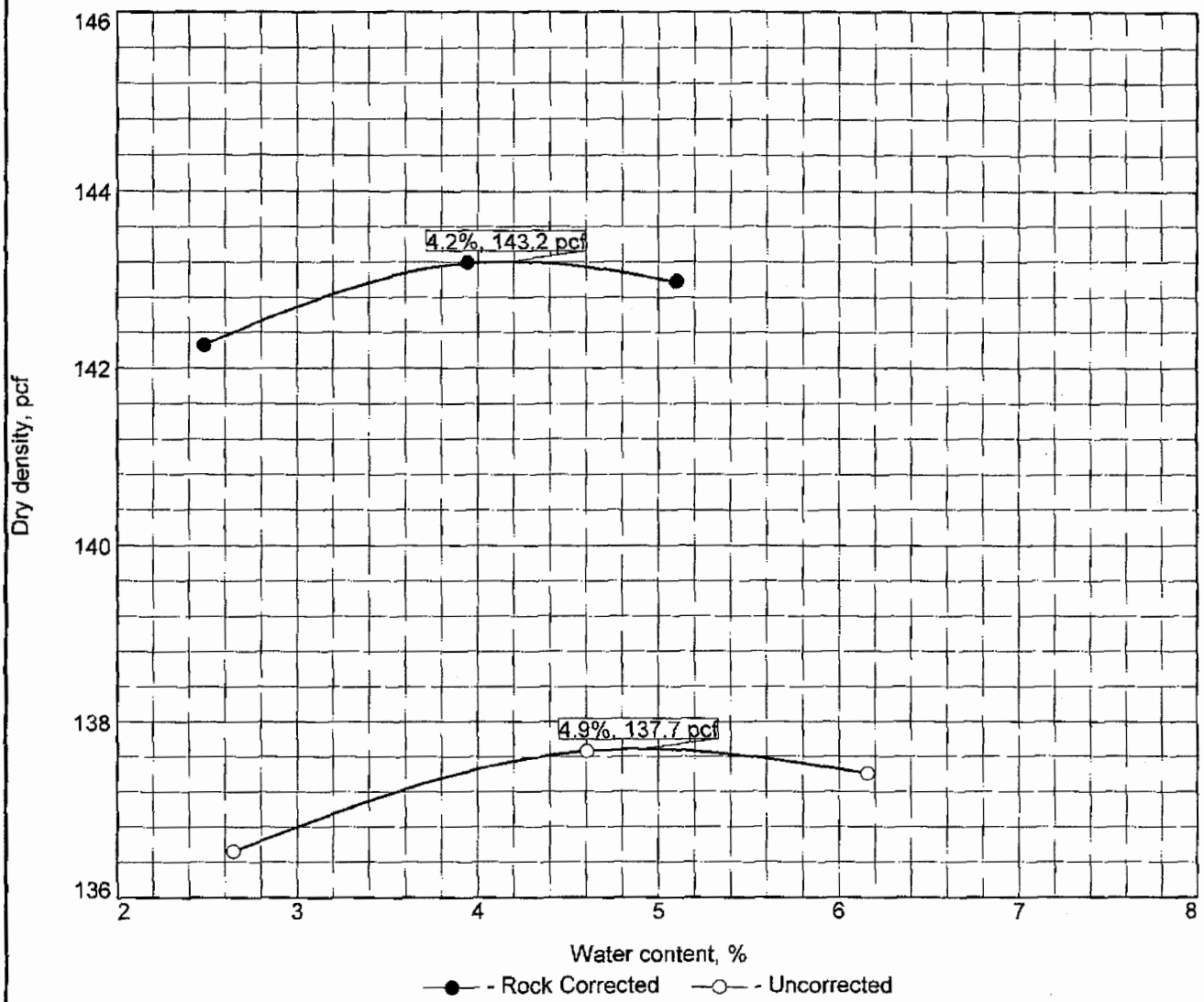
Hauppauge, NY

Client: ENVIRONMENTAL QUALITY COMPANY

Project: EQ BETHPAGE

Project No: **Figure**

COMPACTION TEST REPORT



Test specification: ASTM D 1557-02 Method C Modified
ASTM D 4718-87 Oversize Corr. Applied to Each Test Point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
BORROW			2.6				25.4	6.8

ROCK CORRECTED TEST RESULTS	UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 143.2 pcf	137.7 pcf	CRUSHED STONE WITH SCREENINGS AND FINES.PICKED UP AND DELIVERED BY MTL ON 9/07/12.
Optimum moisture = 4.2 %	4.9 %	

Project No. **Client:** ENVIRONMENTAL QUALITY COMPANY
Project: EQ BETHPAGE

○ **Loc.:** BETHPAGE **Depth:** BORROW **Sample No.:** ITEM #4

MUNICIPAL TESTING LABORATORY, INC.

Hauppauge, NY

Remarks:
REPORT#B9709.ASTM D1557.DATE:9/10/12.SAMPLE ID - ITEM #4.

Figure

Tested By: J.ALINCASTRE **Checked By:** MURAT SIMSEK,P.E.

MUNICIPAL TESTING
NUCLEAR DENSITY TEST REPORT

Client: EQUINOX Date: 9/17/12 (office use only) Report No: _____ Page ___ of ___

Project: 999 SOUTH OYSTER BAY RD Gauge Model/Serial#: 17393-#9

Technician: TRAMELL SMITH Battery Hours Left: 27HRS

General Location: @ ADC-32 (SOIL) Standard Counts: DS 3,235 MS 6082 #1

Time: ___ 1/2 Day ___ Full Day ___ OT (Hours) OT Authorized By: _____ _____
Signature Print Name

Client Signature/Print Name/Company: _____ / _____ / _____

Test #	Lift #	Retest Y/N?	Depth or Elevation	Wet Density	% H20	Dry Density	Proctor Density	Percent Compact.	Required Min Compact.	Exact Test Location
#1	#1	N	@ LEFT B-5-6	109.7	5.3	104.4	107.9	96.8	95.0%	@ NORTH
#2	↓	↓	↓	108.1	4.0	104.0	↓	96.4	↓	@ SOUTH
#3	#2	↓	@ SUB GRADE	105.9	3.1	102.8	↓	95.3	↓	@ NORTH
#4	↓	N	↓	109.9	4.1	105.8	107.9	98.0	95.0%	@ SOUTH

LIFT SIZE? (6",8",_____): 10"

EST LOCATIONS CHOSEN BY: _____ Client ✓ (MTL) _____ Contractor

Test Results Given To Client: ___ Yes ___ No Copy Given of this Page? _____ Yes _____ No

/kn702.xls (3/99)

APPENDIX J
CAMP DOCUMENTATION

AIR MONITORING LOG

Project Name: AOC 32

Project Location: NWIRP - BETHPAGE NY

Date: 9/10/12

Conducted By: JOHN HUCKER

Page Number: #1 of 2

COVER EXCAVATION

FLUID PUMP

Time	Location	CO ( )	H_2S ( )	OXY ( )	LEL ( )	VOC ( )
900	TANK #2 AREA	0	0	20.9	-	0
915		0	0	20.2	-	0
930		0	0	20.9	-	0
1000		2	0	20.3	-	0
1015		0	0	20.9	-	0
1030		0	0	20.9	-	0
1100		0	0	20.3	-	0
1115		0	0	20.9	-	0
1130		0	0	20.9	-	0
	11:30 - 1230 NO ACT					
1245		0	0	20.9	-	0
1300		0	0	20.9	-	0
1315		0	0	20.9	-	0
1330		0	0	20.9	-	0
1400		0	0	20.9	-	0

LEGEND:

VOC:	Volatile organic compound
PID:	Photoionization detector
FID:	Flame ionization detector
LEL:	Lower explosive limit
O_2:	Oxygen meter
mg/m^3:	Milligrams per cubic meter
ppm:	Parts per million

AIR MONITORING LOG

Project Name: AOC 32

Project Location: NWIRP - BETHPAGE NY

Date: 9/10/12

Conducted By: J. HUNTER

Page Number: #2 of 2

FINAL READING

Time	Location	CO ( )	H_2S ( )	O2 ( )	LEL ( )	VOC ( )
1415	TANK #2	0	0	20.9	—	0
1430	↓	0	0	20.9	—	0
1500	↓	0	0	20.9	—	0

LEGEND:

VOC:	Volatile organic compound
PID:	Photoionization detector
FID:	Flame ionization detector
LEL:	Lower explosive limit
O_2:	Oxygen meter
mg/m^3:	Milligrams per cubic meter
ppm:	Parts per million

H&S

AIR MONITORING LOG

Project Name: AOC-32

Project Location: NWIRP - BETHPAGE NY

Date: 9/4/12

Conducted By: J. HUCALOR

Page Number: #1 of 1

Time	Location	CO ( )	H_2S ( )	OXY ( )	LEL ( )	VOC ( )
0700	TANK #2	0	0	20.7	—	0
0715	↓	0	0	20.9	—	0
07:30	↓	0	0	20.9	—	0
7:45	↓	0	0	20.7	—	0
8:00	↓	0	0	20.9	—	0
815	↓	0	6	20.9	—	0
830	↓					
	830 – 1430 NO WORK					
1445	TANK #2	0	0	20.7	—	0
1500	↓	0	0	20.7	—	0
1515	↓	0	0	20.9	—	0
15:30	TANK #1	0	0	20.9	—	0
1545	↓	0	0	20.9	—	0
16:00	↓	0	0	20.9	—	0
16:15	↓	0	0	20.9	—	0

LEGEND:

VOC:	Volatile organic compound
PID:	Photoionization detector
FID:	Flame ionization detector
LEL:	Lower explosive limit
O_2:	Oxygen meter
mg/m^3:	Milligrams per cubic meter
ppm:	Parts per million

H&S

AIR MONITORING LOG

Project Name: AOC 32

Project Location: NWIRP BOTTOMS N-1

Date: 9/12/12

Conducted By: J. Hudson

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Time	Location	CO (ppm)	H_2S (ppm)	O_2 (%)	LEL (%)	VOC (ppm)
7:45	TANK #2	2	0	20.9	-	0
8:00	TEST EXHAUST	456	0	17.0	7	2
8:15	TANK #2	1	0	20.9	0	.1
8:30	TANK #2	0	0	20.9	0	0
8:45		0	0	20.9	0	0
9:00		1	0	20.9	0	0
9:15	TANK #1 TEST	111	0	20.9	0	104
9:30	TANK #1	7	0	20.9	0	.03
9:45	TANK #1	1	0	20.9	0	.01
10:00		1	0	20.9	0	0

SEE ABOVE

LEGEND:

VOC:	Volatile organic compound
PID:	Photoionization detector
FID:	Flame ionization detector
LEL:	Lower explosive limit
O_2:	Oxygen meter
mg/m^3:	Milligrams per cubic meter
ppm:	Parts per million

H&S