

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:



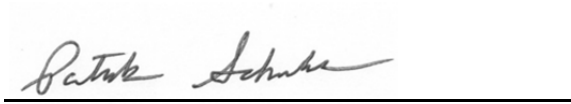
160 East Main Street, Suite 2F
Westborough, MA 01581

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

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	PROJECT OBJECTIVES	2
1.2	PROJECT/SITE INFORMATION	2
2.0	REMEDIAL ACTION SUMMARY	4
2.1	MOBILZATION AND SITE PREPARATION.....	4
2.2	REMOVAL AND STABILIZATION of TANK CONTENTS	5
2.3	UST REMOVAL, DECOMTAMINATION, AND RECYCLING	5
2.4	WASTE CHARACTERIZATION, STORAGE, AND DISPOSAL.....	5
2.5	CONFIRMATORY SAMPLING	6
2.6	SITE RESTORATION AND DISPOSAL	6
2.7	COMMUNITY AIR MONITORING PLAN dOCUMENTATION.....	6
2.8	DEVIATION FROM WORK PLAN.....	6

TABLES

1	PRE-EXCAVATION SAMPLE RESULTS FOR AOC 32
2	POST-EXCAVATION SOIL SAMPLE RESULTS FOR AOC 32

FIGURES

1-1	GENERAL LOCATION MAP
1-2	SITE LOCATION MAP
2-1	AOC 32 TANK LAYOUT
2-2	CONFIRMATION SAMPLE RESULTS AOC 32 TANKS

APPENDICIES

A	INITIAL SAMPLE RESULTS (APRIL 2012)
B	PRE TANK REMOVAL SAMPLE RESULTS (AUGUST 2012)
C	CONTRACTOR QUALITY CONTROL DAILY REPORTS
D	PHOTO LOG
E	METAL RECYLER ACCEPTANCE
F	WASTE DISPOSAL MANEFESTS
G	RCRA CONTAINER STORAGE AREA CHECKLIST
H	CONFIRMATION SAMPLE RESULTS
I	CLEAN FILL
J	CAMP DOCUMENTATION

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 MOBILIZATION 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					
BARIIUM	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.

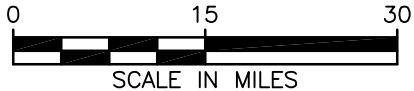
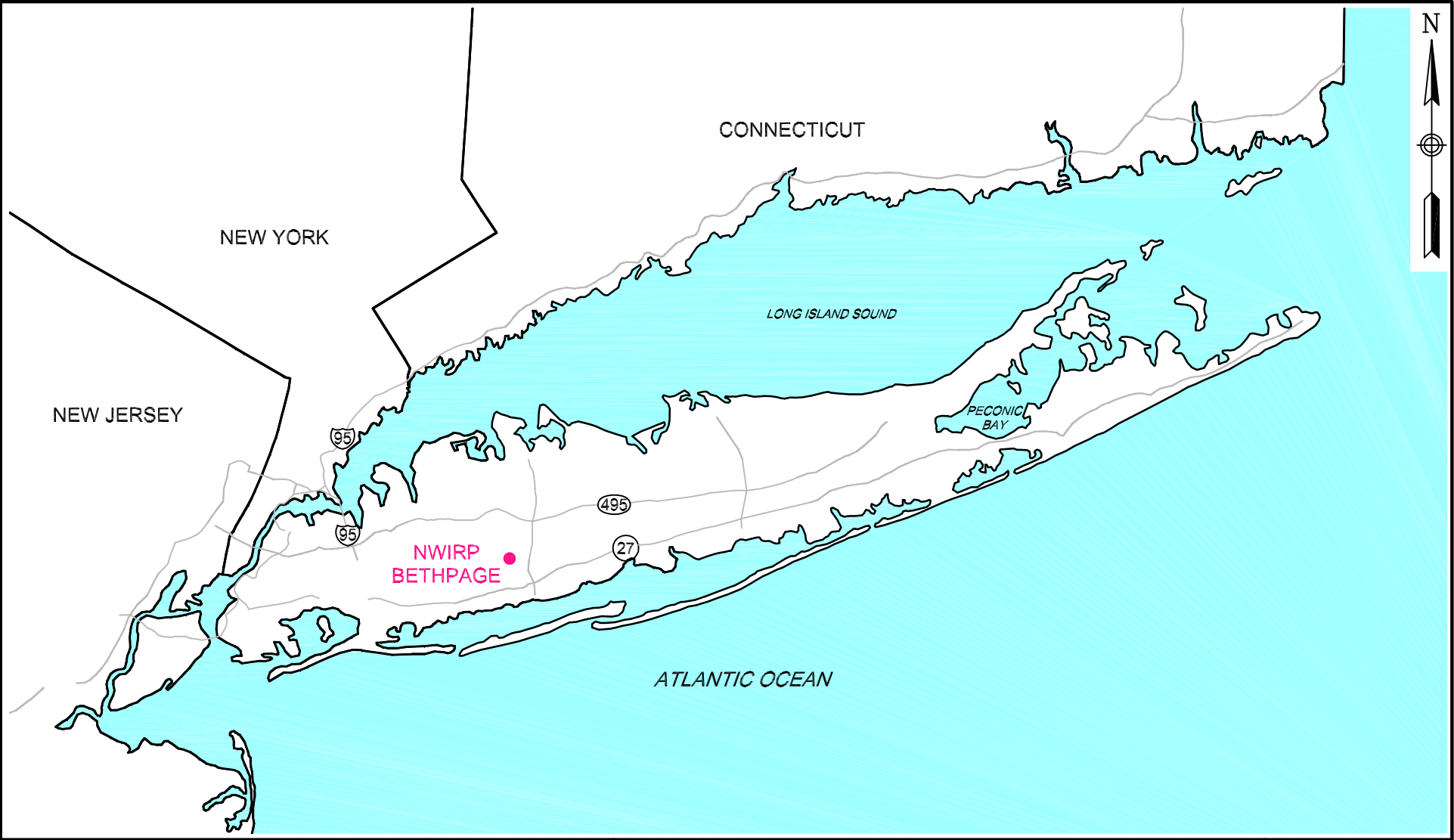
Blank indicates that there was no reported detection for that parameter.

J - Estimated.

UG/KG - micrograms per kilogram.



FIGURES

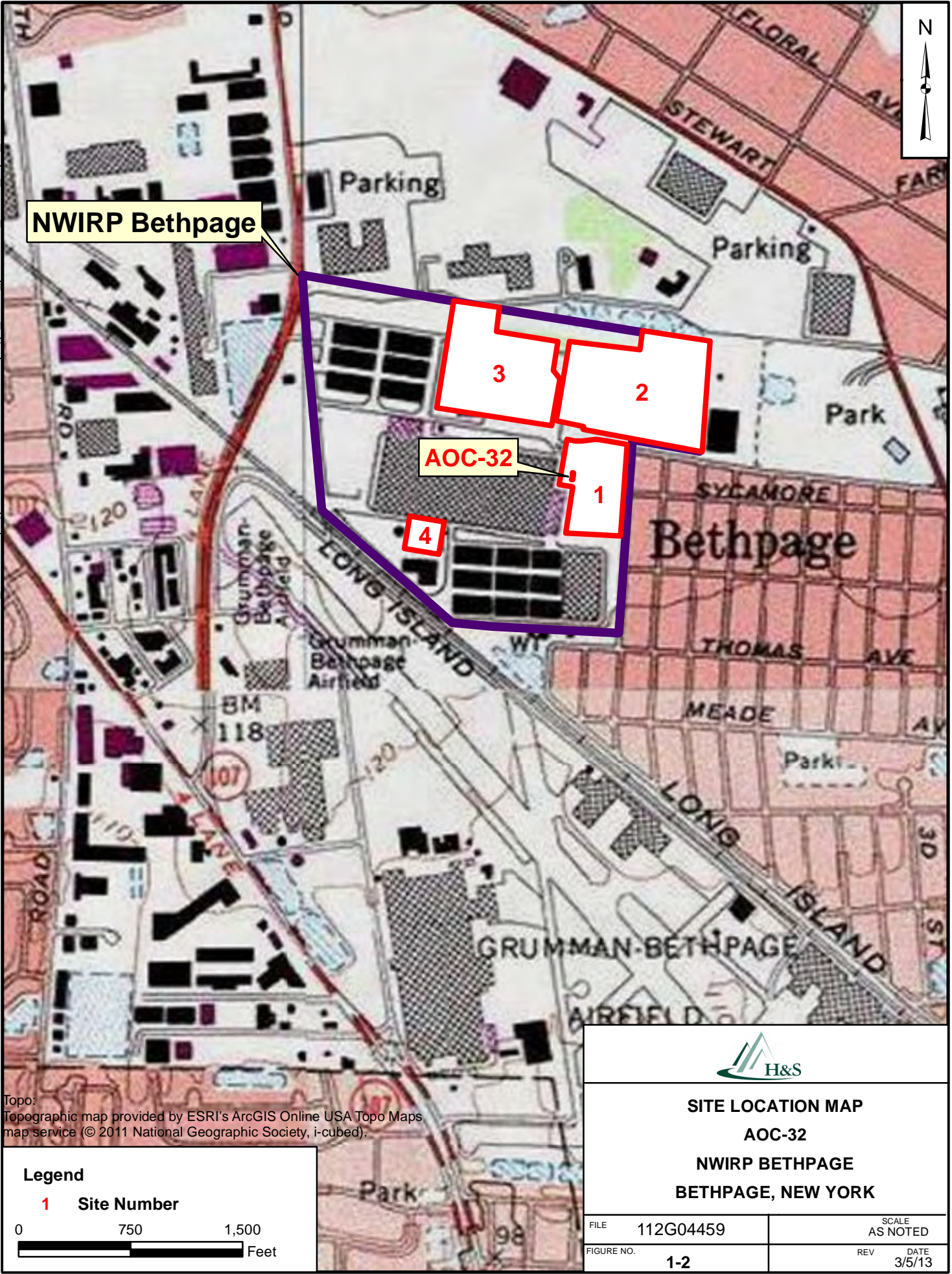


GENERAL LOCATION MAP
NWIRP BETHPAGE
BETHPAGE, NEW YORK

SCALE NOT TO SCALE	
FILE 112G02751CM01	
REV 0	DATE 11/26/12
FIGURE NUMBER FIGURE 1-1	



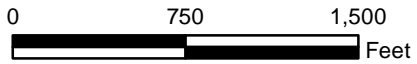
NWIRP Bethpage



Topo:
Topographic map provided by ESRI's ArcGIS Online USA Topo Maps
map service (© 2011 National Geographic Society, i-cubed).

Legend

1 Site Number



**SITE LOCATION MAP
AOC-32
NWIRP BETHPAGE
BETHPAGE, NEW YORK**

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



PLANT 3

SITE 1

Approximate Location of Tank Piping

Tank 1

Tank 2

2010 NYGIS Clearinghouse Aerial Photo



**AOC 32 TANK LAYOUT
NWIRP BETHPAGE
BETHPAGE, NEW YORK**

Legend

✕ Fence Line

▨ Tank 2

▨ Tank 1



FILE 112G04459

SCALE AS NOTED

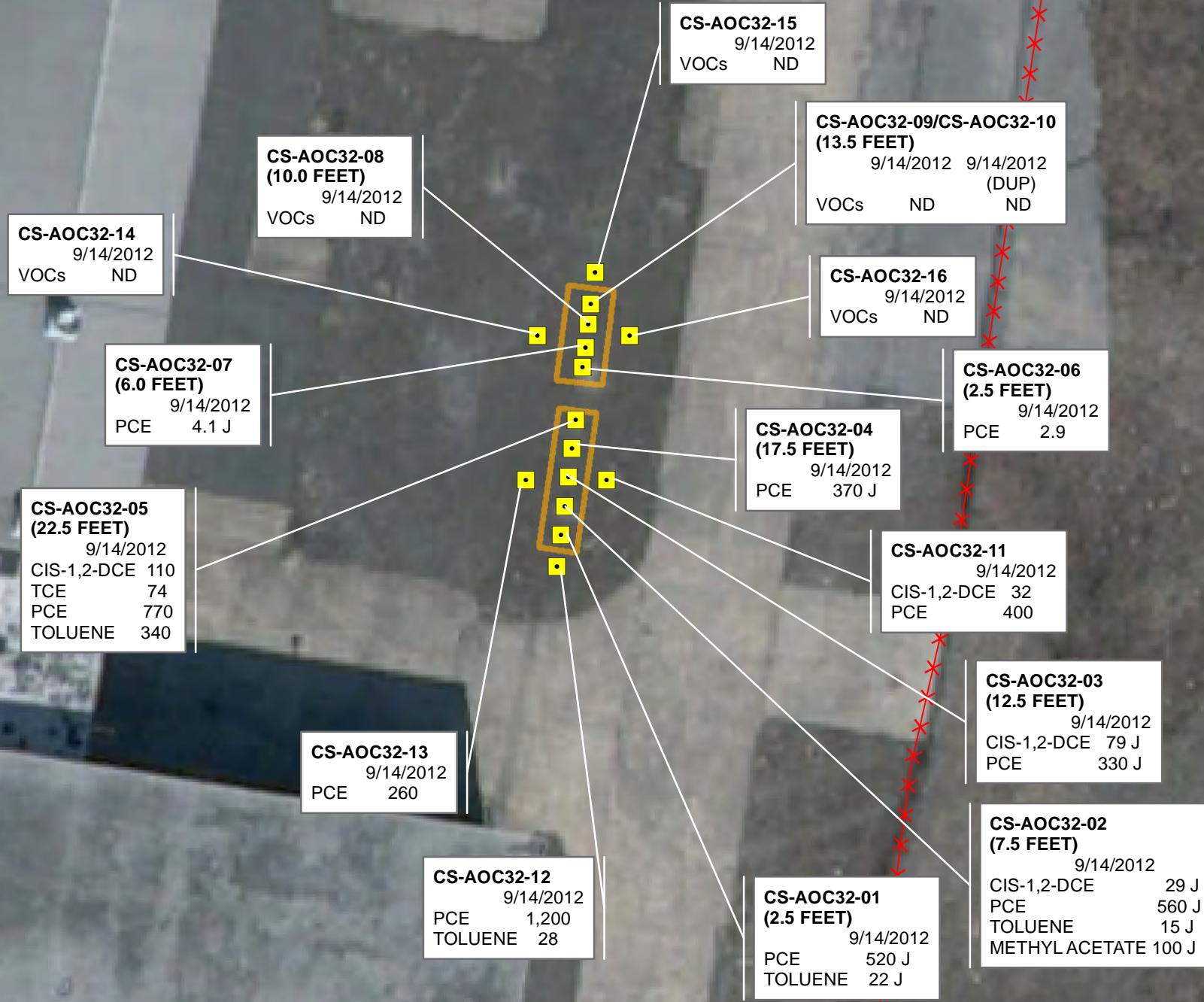
FIGURE NO. 2-1

REV DATE 3/5/13



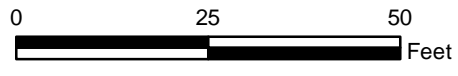
PLANT 3

SITE 1



Legend

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



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



**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

**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**

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



TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER **No 1204**

PAGE **1** OF **1**

D2262

PROJECT NO: 11260375B		FACILITY: BETHPAGE 002		PROJECT MANAGER David Broynack		PHONE NUMBER 757-461-3768		LABORATORY NAME AND CONTACT: Chemtech Kurt Humler			
SAMPLERS (SIGNATURE) 				FIELD OPERATIONS LEADER S. Conti / S. Ferguson		PHONE NUMBER 412-496-9283		ADDRESS 908-789-8900			
				CARRIER/WAYBILL NUMBER Federal Express AB # 8758 0716 6070				CITY, STATE MOUNTAINSIDE, NJ			
STANDARD TAT <input type="checkbox"/> RUSH TAT <input type="checkbox"/> <input checked="" type="checkbox"/> 24 hr. <input type="checkbox"/> 48 hr. <input type="checkbox"/> 72 hr. <input type="checkbox"/> 7 day <input type="checkbox"/> 14 day						CONTAINER TYPE PLASTIC (P) or GLASS (G) G					
						PRESERVATIVE USED					
						TYPE OF ANALYSIS 8260B VOC					
DATE YEAR 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	COMMENTS		
4/17	11:45	AOC37-UST-GRAB	AOC 37	-	-	GW	G	4	7 PPM PID Screen Lower PCE 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 PS				DATE 4/18/12	TIME 9:15
COMMENTS Temp 4°C											

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

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				

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

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

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				

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.
B-1

1

2

3

4

5

6

7

8

9

10

11

12

Case Narrative

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

TestAmerica Job ID: 680-82232-1

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

Case Narrative

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

TestAmerica Job ID: 680-82232-1

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.

Case Narrative

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

TestAmerica Job ID: 680-82232-1

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

Case Narrative

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

TestAmerica Job ID: 680-82232-1

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.

Case Narrative

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

TestAmerica Job ID: 680-82232-1

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

1

2

3

4

5

6

7

8

9

10

11

12

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

Definitions/Glossary

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

TestAmerica Job ID: 680-82232-1

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 Sample Results

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

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 Results

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

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 Sample Results

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

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

Lab Sample ID: 680-82232-3

Date Collected: 08/21/12 08:55

Matrix: Water

Date Received: 08/22/12 10:00

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 Sample Results

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

TestAmerica Job ID: 680-82232-1

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

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 Sample Results

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

TestAmerica Job ID: 680-82232-1

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

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 Results

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

TestAmerica Job ID: 680-82232-1

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

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

Lab Sample ID: 680-82232-6

Date Collected: 08/21/12 09:20

Matrix: Solid

Date Received: 08/22/12 10:00

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 Results

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

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-6

Lab Sample ID: 680-82232-6

Date Collected: 08/21/12 09:20

Matrix: Solid

Date Received: 08/22/12 10:00

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
<i>o</i> -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 Sample Results

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

TestAmerica Job ID: 680-82232-1

Client Sample ID: AOC 32-6

Lab Sample ID: 680-82232-6

Date Collected: 08/21/12 09:20

Matrix: Solid

Date Received: 08/22/12 10:00

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
Dichloroprop	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	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	NB		NONE	NONE	mm/sec			08/22/12 14:07	1
pH	7.33		NONE	NONE	SU			08/27/12 15:40	1
Cyanide, Total	0.88		0.56	0.23	mg/Kg	☆	08/28/12 07:00	08/28/12 12:40	1
Sulfide	69	U	69	69	mg/Kg	☆	08/29/12 08:55	08/29/12 12:49	1

Client Sample Results

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)

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 Sample Results

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 Sample Results

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

TestAmerica Job ID: 680-82232-1

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) (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
<i>Toluene-d8 (Surr)</i>	104		70 - 130					08/29/12 14:08	10
<i>4-Bromofluorobenzene</i>	98		70 - 130					08/29/12 14:08	10
<i>Dibromofluoromethane</i>	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 Sample Results

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

TestAmerica Job ID: 680-82232-1

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: 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 Results

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

TestAmerica Job ID: 680-82232-1

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: 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 Results

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

TestAmerica Job ID: 680-82232-1

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

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

Lab Sample ID: 680-82232-9

Date Collected: 08/22/12 16:20

Matrix: Water

Date Received: 08/23/12 10:00

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

QC Sample Results

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
1,1,1,2-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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	
1,1,1,2-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 LCSD		Limits
	%Recovery	Qualifier	
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 MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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
1,1,1,2-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	MB	Limits				Prepared	Analyzed	Dil Fac
<i>Toluene-d8 (Surr)</i>	99		70 - 130					08/29/12 12:04	1
<i>4-Bromofluorobenzene</i>	99		70 - 130					08/29/12 12:04	1
<i>Dibromofluoromethane</i>	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	
1,1,1,2-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	

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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
1,1,1,2-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 LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	107		70 - 130
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane	106		70 - 130

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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		Limits
	%Recovery	Qualifier	
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		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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
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		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	91		70 - 130

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
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	DU	Limits
	%Recovery	Qualifier	
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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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
Phenol	100	63.9		ug/L		64	29 - 130
Bis(2-chloroethyl)ether	100	82.0		ug/L		82	56 - 130

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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	

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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 LCS		Limits
	%Recovery	Qualifier	
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 LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

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	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
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	MSD	Limits
	%Recovery	Qualifier	
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

Matrix: Water

Analysis Batch: 247888

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 247548

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

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

Lab Sample ID: LCS 680-247548/6-A

Matrix: Water

Analysis Batch: 247888

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 247548

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

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

Lab Sample ID: 680-82232-1 MS

Matrix: Water

Analysis Batch: 247888

Client Sample ID: AOC 32-1

Prep Type: Total/NA

Prep Batch: 247548

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

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

Lab Sample ID: 680-82232-1 MSD

Matrix: Water

Analysis Batch: 247888

Client Sample ID: AOC 32-1

Prep Type: Total/NA

Prep Batch: 247548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C10-C28	0.92		1.07	1.92		mg/L		93	25 - 145	27	50
Surrogate	%Recovery	MSD Qualifier	Limits								
<i>o-Terphenyl</i>	94		62 - 130								

Lab Sample ID: MB 680-247576/10-A

Matrix: Solid

Analysis Batch: 247699

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 680-247576/11-A

Matrix: Solid

Analysis Batch: 247699

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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	%Recovery	LCS Qualifier	Limits				
<i>o-Terphenyl</i>	80		56 - 135				

Lab Sample ID: 680-82232-6 MS

Matrix: Solid

Analysis Batch: 247753

Client Sample ID: AOC 32-6

Prep Type: Total/NA

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	%Recovery	MS Qualifier	Limits						
<i>o-Terphenyl</i>	66		56 - 135						

Lab Sample ID: 680-82232-6 MSD

Matrix: Solid

Analysis Batch: 247753

Client Sample ID: AOC 32-6

Prep Type: Total/NA

Prep Batch: 247576

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C10-C28	7.2		37.6	38.9		mg/Kg	✱	84	19 - 171	23	50
Surrogate	%Recovery	MSD Qualifier	Limits								
<i>o-Terphenyl</i>	86		56 - 135								

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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
<i>o</i> -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	Limits
C10-C28	1.00	0.581		mg/L		58	25 - 145

Surrogate	LCS %Recovery	LCS Qualifier	Limits
<i>o</i> -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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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 LCS		Limits
	%Recovery	Qualifier	
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 LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	71		53 - 130
Tetrachloro-m-xylene	66		53 - 130
DCB Decachlorobiphenyl	39		22 - 130
DCB Decachlorobiphenyl	37		22 - 130

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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		Limits
	%Recovery	Qualifier	
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		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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'-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	LCS	Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	64		53 - 130
Tetrachloro-m-xylene	67		53 - 130
DCB Decachlorobiphenyl	51		22 - 130
DCB Decachlorobiphenyl	58		22 - 130

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
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
MSD MSD											
Surrogate	%Recovery	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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Result	Qualifier								
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	
MB MB										
Surrogate	%Recovery	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				

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	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	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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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 MS		Limits
	%Recovery	Qualifier	
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 MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
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 MSD		Limits
	%Recovery	Qualifier	
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 MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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	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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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

Lab Sample ID: MB 680-247927/1-A
Matrix: Solid
Analysis Batch: 248006

Client Sample ID: Method Blank
Prep Type: Total/NA
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
Matrix: Solid
Analysis Batch: 248006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
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
Matrix: Water
Analysis Batch: 247764

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

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
Matrix: Water
Analysis Batch: 247764

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

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
Matrix: Water
Analysis Batch: 247764

Client Sample ID: AOC 32-1
Prep Type: Total/NA

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
Matrix: Water
Analysis Batch: 247764

Client Sample ID: AOC 32-1
Prep Type: Total/NA

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
Matrix: Solid
Analysis Batch: 248134

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

QC Sample Results

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

TestAmerica Job ID: 680-82232-1

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



QC Association Summary

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

TestAmerica Job ID: 680-82232-1

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	

QC Association Summary

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

TestAmerica Job ID: 680-82232-1

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	

QC Association Summary

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

TestAmerica Job ID: 680-82232-1

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
LCS 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
LCS 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

QC Association Summary

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

TestAmerica Job ID: 680-82232-1

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	

QC Association Summary

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

TestAmerica Job ID: 680-82232-1

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	

QC Association Summary

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

TestAmerica Job ID: 680-82232-1

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

QC Association Summary

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

TestAmerica Job ID: 680-82232-1

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

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
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

Lab Sample ID: 680-82232-6

Date Collected: 08/21/12 09:20

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 14:48	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

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/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

Client / Reporting Information				Project Information				Requested Analysis (see TEST CODE sheet)				Matrix Codes		
Company Name HRS Environmental	Project Name Bethpage Site 1 VST tank removal	Billing Information (if different from Report to)		Company Name		Street Address		City		State		Zip		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
Street Address 160 E. Main Street	Street Westborough MA 01581	City: Westborough		Street Address Greg Bick garchohansen.com		City		State		Zip		LAB USE ONLY		
Phone #	E-mail Fax #	Project Manager Sacey Lee		Attention:		PO#		Matrix # of bottles		Number of preserved Bottles				
Field ID / Point of Collection	MECH/ID/ Vial #	Date	Time	Sampled by	Matrix	Collection		Bisulfite						
AOC 32-1A		8/22/12	1600	SL	AD	X	X	X	X	X	X	X	X	
AOC 32-2A			1616	SL	J	X	X	X	X	X	X	X	X	
AOC 32-3A			1626	SL	J	X	X	X	X	X	X	X	X	
AOC 32-4A		8/22/12	1636	SL	AD	X	X	X	X	X	X	X	X	
Trip Blank						X	X	X	X	X	X	X	X	

Accutest Sample #	Field ID / Point of Collection	MECH/ID/ Vial #	Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles	Collection	Approved By (Accutest PM) / Date:	Turnaround Time (Business days)	Emergency & Rush T/A data available VIA Lablink	Comments / Special Instructions
1	AOC 32-1A		8/22/12	1600	SL	AD	2	2	1600	[Signature]	5 Day RUSH	Emergency & Rush T/A data available VIA Lablink	VOC METALS SVOC PCBs TPH-DE Pesticides herbicides corrosion 6.0°C 180-82232-Cont.1
2	AOC 32-2A			1616	SL	J	2	2	1616	[Signature]	5 Day RUSH		
3	AOC 32-3A			1626	SL	J	2	2	1626	[Signature]	3 Day EMERGENCY		
4	AOC 32-4A		8/22/12	1636	SL	AD	2	2	1636	[Signature]	2 Day EMERGENCY		
5	Trip Blank						2	2		[Signature]	1 Day EMERGENCY		

Relinquished by Sampler:	Date Time:	Relinquished By:	Date Time:	Relinquished by:	Date Time:	Relinquished By:	Date Time:
1 [Signature]	8/22/12	[Signature]	8/22/12	2	8/22/12	[Signature]	8/22/12
3 [Signature]		[Signature]		4		[Signature]	
5 [Signature]		[Signature]		5		[Signature]	



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 <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/>	Temperature(F°)	Min. 78 Max. 70
Wind:	4.2 MPH	Precipitation: Rain <input type="checkbox"/> Snow <input type="checkbox"/>	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		

Contractor Quality Control Daily Report

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 <i>(attach minutes of meetings/inspections to DQCR)</i>		
		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					

Contractor Quality Control Daily Report

7. Material Received: (Note inspection results and storage provided).							Inspection Results		
Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Accept	Reject	Comments	
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	Sand bags	
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		

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:				
<ul style="list-style-type: none"> ▪ (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	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>	Power Cords/Tools	<input type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>	Flammables	<input checked="" type="checkbox"/>
Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>	Overhead Lines	<input type="checkbox"/>

Contractor Quality Control Daily Report

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 and 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

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		
7:00 AM	3:30	Mark Spring	EMER
7:00	3:30	MATT COSTANTINO	EMER
7 AM	3:30	John Akkerman	EMER
7 AM	- 5 PM	Hudson Job	H&S



Attn: John Hudacek

Fax: (631) 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)					
QUANTITY	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

SUBTOTAL: \$1,250.00

Signature: 

Penalties @ 1.5% p/month: \$0.00

Remarks/Comments:

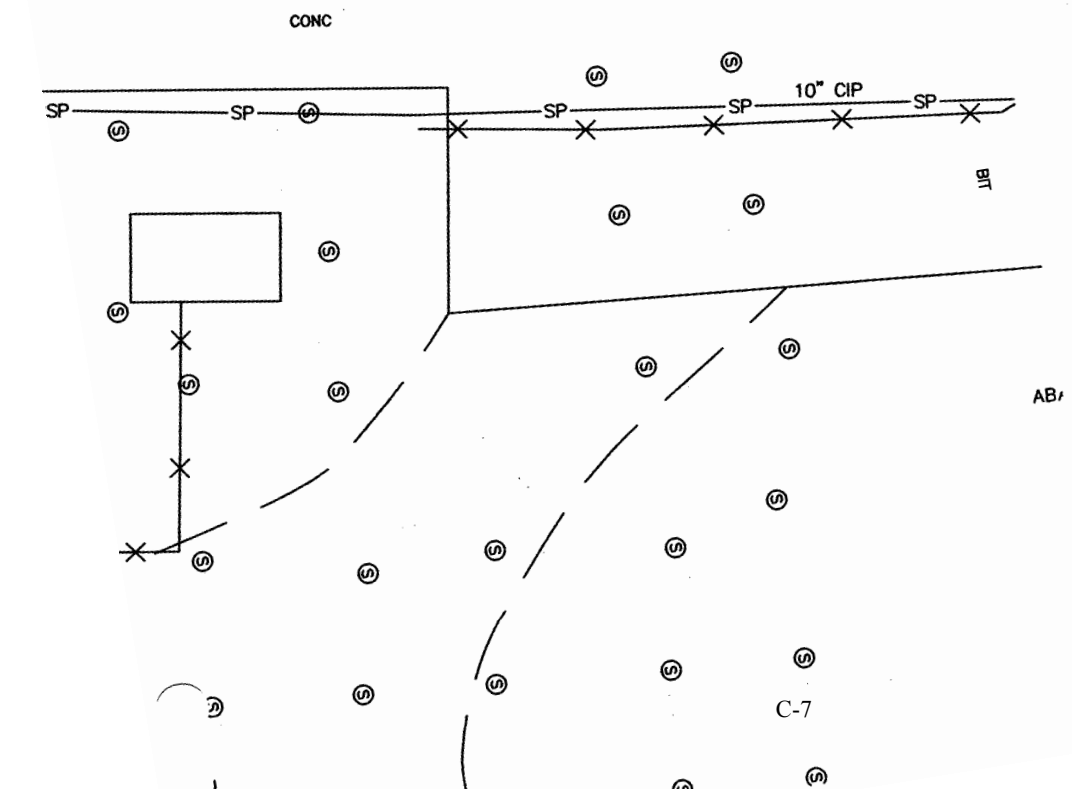
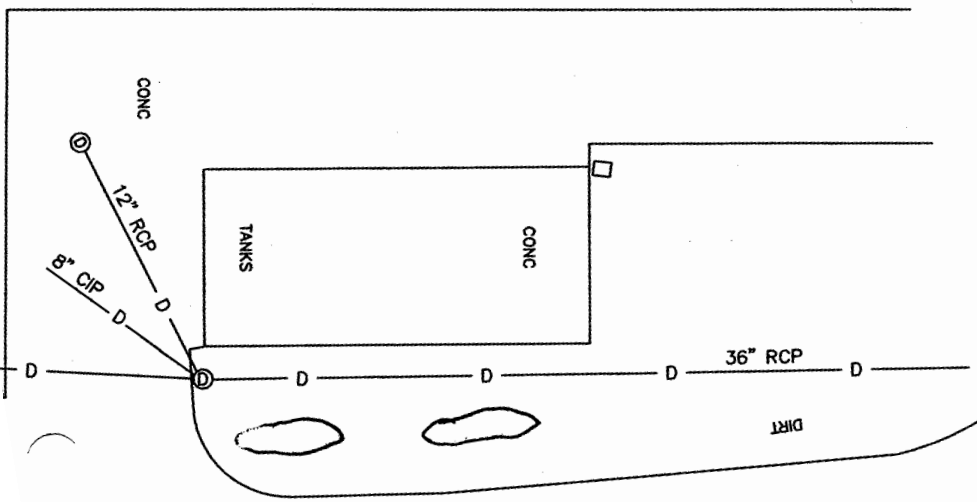
INVOICE TOTAL: \$1,250.00

Met with John Hudacek on site. Located and field marked out subsurface utilities within a 20' perimeter of the area requested by John for the tank removal.

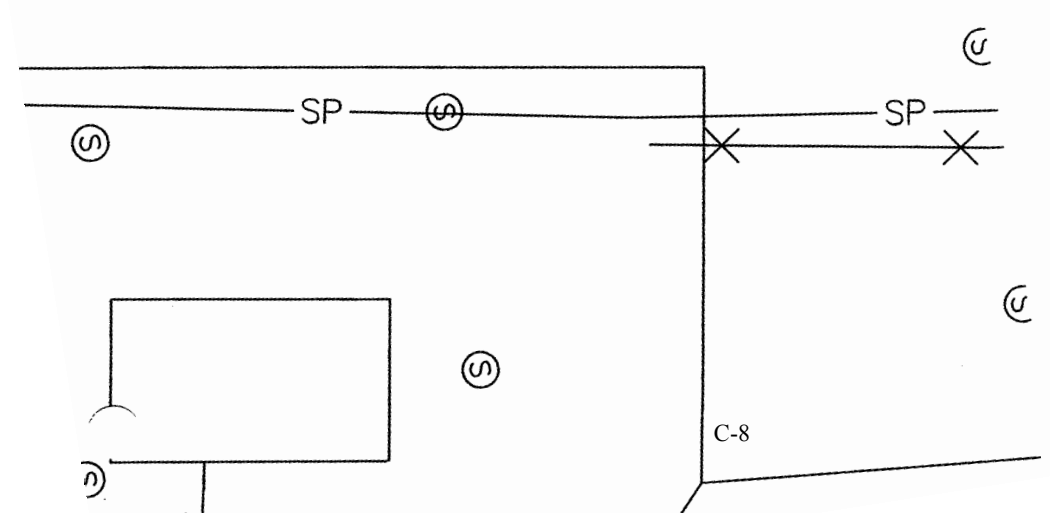
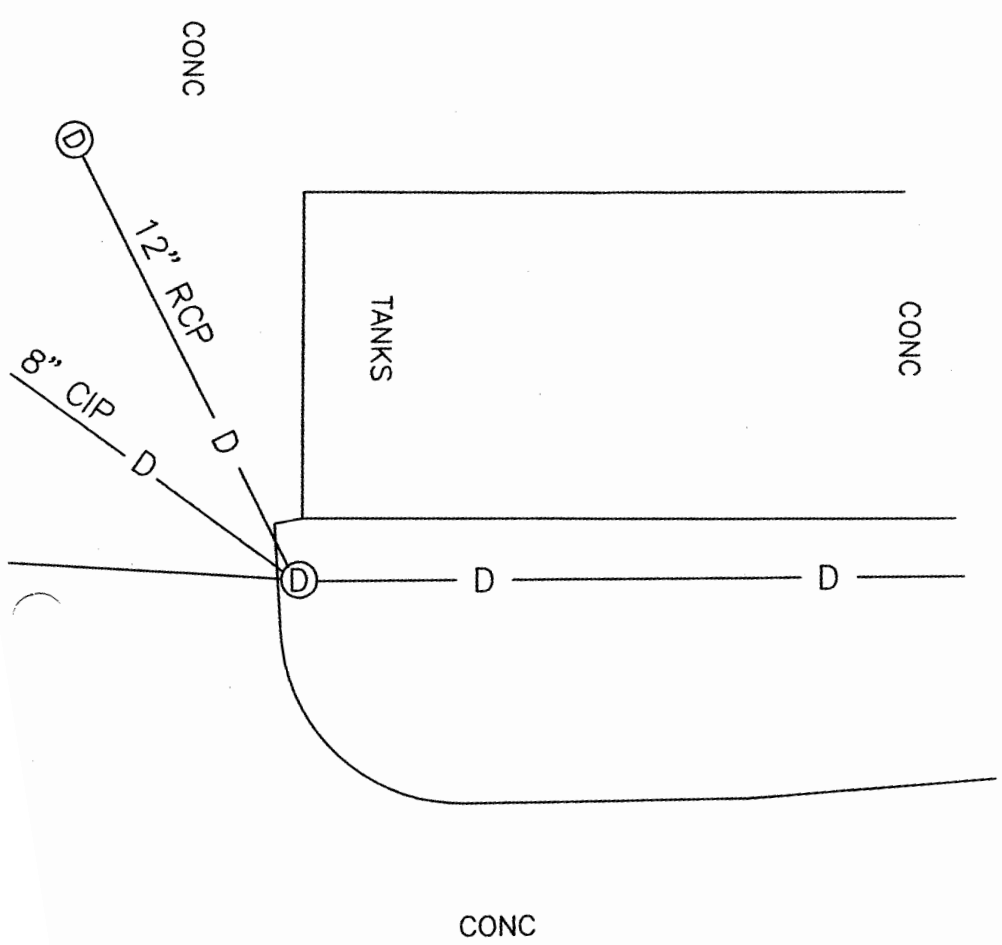
All invoices are 30 days net, unless agreed to in writing by both parties. Make checks payable to "Consumer Markouts".

3" CW
2" CA
2 1/2" PO
5" STEAM

SP - - - - - SP - - - - - SP - - - - - SP - - - - - SP - - - - - SP



SP - - - - - SP - - - - - SP - - - - -



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

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 <i>(attach minutes of meetings/inspections to DQCR)</i>		
		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					

Contractor Quality Control Daily Report

7. Material Received: (Note inspection results and storage provided).							Inspection Results		
Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Accept	Reject	Comments	
				N/A		<input type="checkbox"/>	<input type="checkbox"/>	Sand bags	
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		

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:				
<ul style="list-style-type: none"> ▪ (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	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>
Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>
		Power Cords/Tools	<input type="checkbox"/>
		Flammables	<input checked="" type="checkbox"/>
		Overhead Lines	<input type="checkbox"/>

Contractor Quality Control Daily Report

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

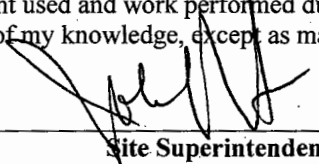
Cumulative on-site safety hours to date: 48 hours

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 and 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.:	N40085-12-D-1717
		Task Order No.:	
Weather: Clear <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/>		Temperature(F°) Min. 59 Max. 77	
Wind: MPH 2-5	Precipitation: Rain <input type="checkbox"/> Snow <input type="checkbox"/>		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		

Contractor Quality Control Daily Report

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 <i>(attach minutes of meetings/inspections to DOCR)</i>		
		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		NO EXCEED ST	LAW ESTABLISHED LIMITS		

Contractor Quality Control Daily Report

7. Material Received: (Note inspection results and storage provided).							Inspection Results		
Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Accept	Reject	Comments	
1	6	6	SACK	CKD	Y	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		

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:				
<ul style="list-style-type: none"> ▪ (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	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>
		Power Cords/Tools	<input checked="" type="checkbox"/>

Contractor Quality Control Daily Report

Lifting Straps/Cables <input type="checkbox"/>	Fire Extinguishers <input checked="" type="checkbox"/>	Flammables <input checked="" type="checkbox"/>
Personnel PPE <input checked="" type="checkbox"/>	Traffic Control <input checked="" type="checkbox"/>	Overhead Lines <input type="checkbox"/>

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

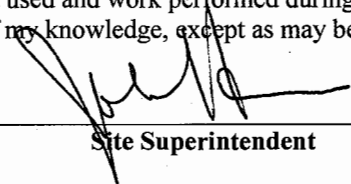
Cumulative on-site safety hours to date: 84 hours

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 and 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 AOL 32 TANK REMOVAL
 Project Location: NWIRP - BETHPAGE N1

Time		Name	Organization
In	Out		
6:30	3:30	Matt Sgling	EQNT
6:30	3:30	MATT COSTANTINO	EQNF
6:30	6:40	HUDALLO JOHN J	HdS
6:30	3:30	John C. Long	EQ
8:00	3:30	P. Liatta	Liatta & Sons

9
9
12
9
9

*Checked
Hudallos*



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.:	N40085-12-D-1717
		Task Order No.:	
Weather: Clear <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/>		Temperature(F°) Min. 52 Max. 74	
Wind: MPH 2-5	Precipitation: Rain <input type="checkbox"/> Snow <input type="checkbox"/>	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		

Contractor Quality Control Daily Report

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, identify 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 <i>(attach minutes of meetings/inspections to DQCR)</i>		
		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		

Contractor Quality Control Daily Report

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ALL HERE	
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		

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:				
<ul style="list-style-type: none"> ▪ (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	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>
		Power Cords/Tools	<input checked="" type="checkbox"/>
		Flammables	<input checked="" type="checkbox"/>

Contractor Quality Control Daily Report

Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>	Overhead Lines	<input type="checkbox"/>
Comments: (include violations, corrective measures, damaged or compromised equipment, etc): <ul style="list-style-type: none">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 <input checked="" type="checkbox"/> No <input type="checkbox"/>					

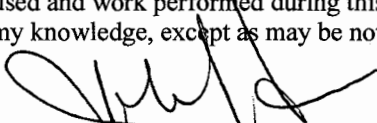
11. Remarks: (Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)
<ul style="list-style-type: none">CLIENT NOTIFIED OF CHANGED CONDITION-

12. Planned Activities: (list anticipated field activities for future work)
<ul style="list-style-type: none">CONTINUE REMOVAL OF LIQUIDS AND SOILS FROM TANKS

13. Safety Hours: (list daily and cumulative)	
Daily on-site safety hours including subcontractors: 53 hours	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:
<ul style="list-style-type: none">Site Control LogsAIR MONITORING LOGS

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and 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 TAD Removal
Project Location: NW IRP - BETHPICE N1

Time		Name	Organization	
In	Out			
6:30	5:40	John Geary	EA	11
6:30	5:30	Mark Spring	EA	11
6:30	5:21	Muft Constantine	FQWL	11
6:30	6:20	Hudakov John	H&S	12
8:00	4:60	Michael DeLerno	LIOTTA	8

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 <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/>		Temperature(F°) Min. 55 Max. 71	
Wind: MPH 2-5	Precipitation: Rain <input type="checkbox"/> Snow <input type="checkbox"/>	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		
Concx Box	9-6-12		DAILY	8	8		

Contractor Quality Control Daily Report

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 <i>(attach minutes of meetings/inspections to DQCR)</i>		
		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

Contractor Quality Control Daily Report

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ALL HERE	
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		

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:				
<ul style="list-style-type: none"> ▪ (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	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>	Power Cords/Tools	<input checked="" type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>	Flammables	<input checked="" type="checkbox"/>
Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>	Overhead Lines	<input type="checkbox"/>

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 and 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 WEDS.

Project Name: AOC 32

Project Location: NWIRD - BETHLEHEM NT

Time		Name	Organization	
In	Out			
0700	1630	KURT OOSTERMAN	EQ	9.5
0630	1630	MATT COSTANTINO	EQNE	10
✓ 0630	1630	MORRIS SPINNEY	(CWE)	10
✓ 0800	1600	GREG BIRCH	HSENV	8
✓ 0800	1630	Michael Delemo	LIOTTA	8.5
✓ 0630	1630	HUNTER JOUR	H&S	10



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 <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/>		Temperature(F°) Min. 57 Max. 77	
Wind: MPH 2-5	Precipitation: Rain <input type="checkbox"/> Snow <input type="checkbox"/>	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		

Contractor Quality Control Daily Report

Conex Box	9-6-12					
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, identify 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 <i>(attach minutes of meetings/inspections to DQCR)</i>		
		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	

Contractor Quality Control Daily Report

AIR MONITORING VOC/DUST MONITORING	AIR/DU ST	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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ALL HERE
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	

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

Contractor Quality Control Daily Report

10. Job Safety: <i>(List items checked results, instructions, and corrective actions taken)</i>			
Inspections Conducted:			
Heavy Equipment	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>
Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>
		Power Cords/Tools	<input checked="" type="checkbox"/>
		Flammables	<input checked="" type="checkbox"/>
		Overhead Lines	<input type="checkbox"/>

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

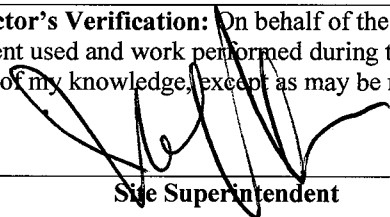
11. Remarks: <i>(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)</i>
<ul style="list-style-type: none"> ▪ NYS DEC REP ON SITE FOR INSPECTION ▪ TETRA TECH REP ON SITE TO TAKE SURVEY POINTS FOR SAMPLING

12. Planned Activities: <i>(list anticipated field activities for future work)</i>
<ul style="list-style-type: none"> ▪ CLEANING AND TRANSPORTATION OF SCRAPPED TANKS

13. Safety Hours: <i>(list daily and cumulative)</i>	
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:
<ul style="list-style-type: none"> ▪ Site Control Logs

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and 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

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 <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/>	Temperature(F°)	Min. 59 Max. 75
Wind:	MPH 2-5	Precipitation:	Rain <input type="checkbox"/> Snow <input type="checkbox"/> 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		

Contractor Quality Control Daily Report

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 TANK #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 <i>(attach minutes of meetings/inspections to DQCR)</i>		
		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

Contractor Quality Control Daily Report

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ALL HERE
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	

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

Contractor Quality Control Daily Report

10. Job Safety: <i>(List items checked results, instructions, and corrective actions taken)</i>					
Inspections Conducted:					
Heavy Equipment	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>	Power Cords/Tools	<input checked="" type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>	Flammables	<input checked="" type="checkbox"/>
Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>	Overhead Lines	<input type="checkbox"/>
Comments: (include violations, corrective measures, damaged or compromised equipment, etc): <ul style="list-style-type: none"> • ALL ACTIVITIES PERFORMED IN A SAFE MANNER 					
Daily Tailgate Safety Topic: COMPLACENCY					
Were all activities conducted in accordance with the SSHSP? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
AIR MONITORING SWITCHED FROM MANUAL TO DATA LOGGING					

11. Remarks: <i>(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)</i>
<ul style="list-style-type: none"> ▪ ADDITIONAL SURVEY POINTS REQUESTED FROM TT. ▪ CLIENT REMINDED h&s ABOUT PROPER SECURITY AT HAZ WASTE STORAGE AREA.

12. Planned Activities: <i>(list anticipated field activities for future work)</i>
<ul style="list-style-type: none"> ▪ BACKFILL AND COMPACTION OF EXCAVATION ▪ TRANSPORTATION OF SOILS AND WATER TO DISPOSAL FACILITY ▪ RESTORATION AND DEMOBILIZATION

13. Safety Hours: <i>(list daily and cumulative)</i>	
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:
<ul style="list-style-type: none"> ▪ 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 and 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 NT - NWIRP

Time		Name	Organization	
In	Out			
7am	3:30	MARL SPRING	EQNT	8.5
7am	3:30	KURT OSTROMAY	EQ	8.5
7am	3:30	MATT COSTANTINO	EQ	8.5
8am	3:30	LIOTTA TRUCKING	LIOTTA	7.5
6:30	6:30	HYDACEE JOHN	EQ	12
6:30	6:30	BIRCH GREG	EQ	12



NATIONAL CONSTRUCTION RENTALS®

— Since 1962 —

800-352-5675 • rentnational.com

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 #

H AND S ENVIRONMENTAL
160 EAST MAIN ST SUITE 2F
WESTBOROUGH, MA 01581

Job Site # **30054046-0001**
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 ⁺	204	FT	6 FT TEMPORARY PANELS	09/13/12 - 03/13/13	\$3.59	\$732.36

Special Instructions:

COD CHARGE CUSTOMER CREDIT CARD
ENDING 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= _____
<input type="checkbox"/> Core Drilling <input type="checkbox"/> Hillside <input type="checkbox"/> Hand carry	
Authorized Signature for Above _____	

Paid by: Cash Credit Card Check # _____

Time Confirmed	11:00 AM	Date	9/14/12	Time Arrived	10:50 AM	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 [Signature] C-42

Date 9/14/12

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 <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/>	Temperature(F°)	Min. _____ Max. _____
Wind:	MPH 2-5	Precipitation:	Rain <input type="checkbox"/> Snow <input type="checkbox"/> 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			

Contractor Quality Control Daily Report

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 <i>(attach minutes of meetings/inspections to DOCR)</i>		
		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).							Inspection Results		
Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Accept	Reject	Comments	
1	0	6	SACK	CKD	Y	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ALL HERE.	
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		

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:				
<ul style="list-style-type: none"> ▪ (6) ROLLOFF CONTAINERS DELIVERED DURING WEEK FOR SOILS- CONTAINERS STAGED AT REAR OF PROPERTY 				

Contractor Quality Control Daily Report

10. Job Safety: <i>(List items checked results, instructions, and corrective actions taken)</i>					
Inspections Conducted:					
Heavy Equipment	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>	Power Cords/Tools	<input checked="" type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>	Flammables	<input checked="" type="checkbox"/>
Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>	Overhead Lines	<input type="checkbox"/>
Comments: (include violations, corrective measures, damaged or compromised equipment, etc): <ul style="list-style-type: none"> • NO ACTIVITIES 					
Daily Tailgate Safety Topic: NONE					
Were all activities conducted in accordance with the SSHSP? Yes <input type="checkbox"/> No <input type="checkbox"/>					

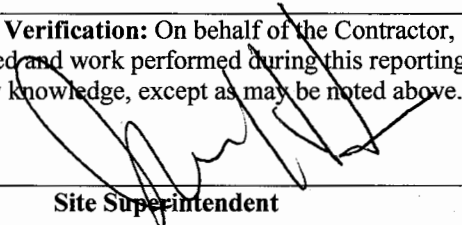
11. Remarks: <i>(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)</i>
<ul style="list-style-type: none"> ▪ ADDITIONAL SURVEY POINTS REQUESTED FROM TT. ▪ CLIENT REMINDED H&S ABOUT PROPER SECURITY AT HAZ WASTE STORAGE AREA.

12. Planned Activities: <i>(list anticipated field activities for future work)</i>
<ul style="list-style-type: none"> ▪ BACKFILL AND COMPACTION OF EXCAVATION ▪ TRANSPORTATION OF SOILS AND WATER TO DISPOSAL FACILITY ▪ RESTORATION AND DEMOBILIZATION

13. Safety Hours: <i>(list daily and cumulative)</i>	
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:
<ul style="list-style-type: none"> ▪ NONE

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and 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 <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/>	Temperature(F°)	Min. 52 Max. 73
Wind:	MPH 2-5	Precipitation: Rain <input type="checkbox"/> Snow <input type="checkbox"/>	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			

Contractor Quality Control Daily Report

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 <i>(attach minutes of meetings/inspections to DOCR)</i>		
		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

Contractor Quality Control Daily Report

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ALL HERE	
2	60 TON	60	TON	PIPE SAND FOR BACK FILL	N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	INSTALLED	
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		

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

Contractor Quality Control Daily Report

10. Job Safety: <i>(List items checked results, instructions, and corrective actions taken)</i>			
Inspections Conducted:			
Heavy Equipment	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>
Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>
		Power Cords/Tools	<input checked="" type="checkbox"/>
		Flammables	<input checked="" type="checkbox"/>
		Overhead Lines	<input type="checkbox"/>
<p>Comments: (include violations, corrective measures, damaged or compromised equipment, etc):</p> <ul style="list-style-type: none"> • ALL WORK PERFORMED WITHOUT ISSUES <p>Daily Tailgate Safety Topic: NOISE VIBRATION</p> <p>Were all activities conducted in accordance with the SSHSP? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>			

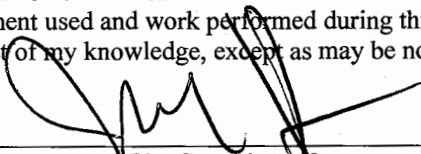
11. Remarks: <i>(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)</i>
<ul style="list-style-type: none"> ▪ EXCESS BACKFILL MATERIALS GIVEN TO STEEL EQUITIES ▪ STEEL EQUITIES INSPECTS JOB SITE AND APPROVES COMPLETED WORK ZONE

12. Planned Activities: <i>(list anticipated field activities for future work)</i>
<ul style="list-style-type: none"> • DEMOBE OF EXCESS MATERIALS AND EQUIPMENT

13. Safety Hours: <i>(list daily and cumulative)</i>	
Daily on-site safety hours including subcontractors: 44 hours	Number of on-site Workdays: 9 days
Cumulative on-site safety hours to date: 359 hours	Calendar Days Since Start of Work: 13 days

14. Attachments:
<ul style="list-style-type: none"> ▪ 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 and 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: AOL 32
 Project Location: BETHPAGE NY NWIRP

Time		Name	Organization
In	Out		
7:00am	3:00	MARC SMY	KONG
7:00	3:00	Redmond	H&S
7:00	3:00	MARC SMY	ENVE
7:00	5:00	Hudson	H&S
7:00	3:00	TRUCE DRUSON	LIO TTA

2
 2
 2
 12
 2



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 <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Temperature(F°) Min. 58 Max. 75			
Wind: MPH 2-5 Precipitation: Rain <input type="checkbox"/> Snow <input type="checkbox"/> 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			

Contractor Quality Control Daily Report

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 <i>(attach minutes of meetings/inspections to DOCR)</i>		
		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		

Contractor Quality Control Daily Report

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ALL HERE
2	0	60	TON	PIPE SAND FOR BACK FILL	N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	INSTALLED
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	

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:				
<ul style="list-style-type: none"> ▪ (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	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>
Lifting Straps/Cables	<input type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>
		Power Cords/Tools	<input checked="" type="checkbox"/>
		Flammables	<input checked="" type="checkbox"/>

Contractor Quality Control Daily Report

Personnel PPE <input checked="" type="checkbox"/>	Traffic Control <input checked="" type="checkbox"/>	Overhead Lines <input type="checkbox"/>
Comments: (include violations, corrective measures, damaged or compromised equipment, etc): <ul style="list-style-type: none">ALL WORK PERFORMED WITHOUT ISSUES		
Daily Tailgate Safety Topic: LIFTING RIGGING DANGERS		
Were all activities conducted in accordance with the SSHSP? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

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 and 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

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 <input checked="" type="checkbox"/> Partly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Temperature(F°) Min. 60 Max. 74			
Wind: MPH 2-5 Precipitation: Rain <input type="checkbox"/> Snow <input type="checkbox"/> 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					

Contractor Quality Control Daily Report

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 <i>(attach minutes of meetings/inspections to DQCR)</i>		
		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).							Inspection Results		
Item	Daily Quantity	Cumulative Quantity	Units	Description	Storage Provided	Accept	Reject	Comments	
1	0	6	SACK	CKD	Y	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ALL HERE	
2	0	60	TON	PIPE SAND FOR BACK FILL	N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	INSTALLED	
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		

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:				
<ul style="list-style-type: none"> ▪ (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	<input checked="" type="checkbox"/>	Vehicles	<input type="checkbox"/>	Power Cords/Tools	<input checked="" type="checkbox"/>
Lifting Straps/Cables	<input checked="" type="checkbox"/>	Fire Extinguishers	<input checked="" type="checkbox"/>	Flammables	<input checked="" type="checkbox"/>

Contractor Quality Control Daily Report

Personnel PPE	<input checked="" type="checkbox"/>	Traffic Control	<input checked="" type="checkbox"/>	Overhead Lines	<input type="checkbox"/>
Comments: (include violations, corrective measures, damaged or compromised equipment, etc): <ul style="list-style-type: none">ALL WORK PERFORMED WITHOUT ISSUES					
Daily Tailgate Safety Topic: LOADING EQUIPMENT-BLIND SPOTS					
Were all activities conducted in accordance with the SSHSP? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					

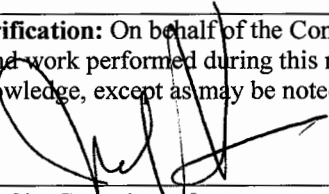
11. Remarks: <i>(Instructions received or given. Conflict(s) in Plans and/or specifications or delays encountered)</i>
<ul style="list-style-type: none">ALL EQUIPMENT REMOVED FROM SITESOILS HAZ CAN # RT 3030SOILS NON HAZCAN RT 3033,2908,3406EMPTY TO RETURN 3488,3448

12. Planned Activities: <i>(list anticipated field activities for future work)</i>
<ul style="list-style-type: none">SHIPMENT OF LIQUIDS AND SOILS TO DISPOSAL FACILITY

13. Safety Hours: <i>(list daily and cumulative)</i>	
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:
<ul style="list-style-type: none">NONE

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and 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 Fluid and Sediment



Pumping of Contaminated Water



Tank #1 Cleaned of Fluid and Sediment



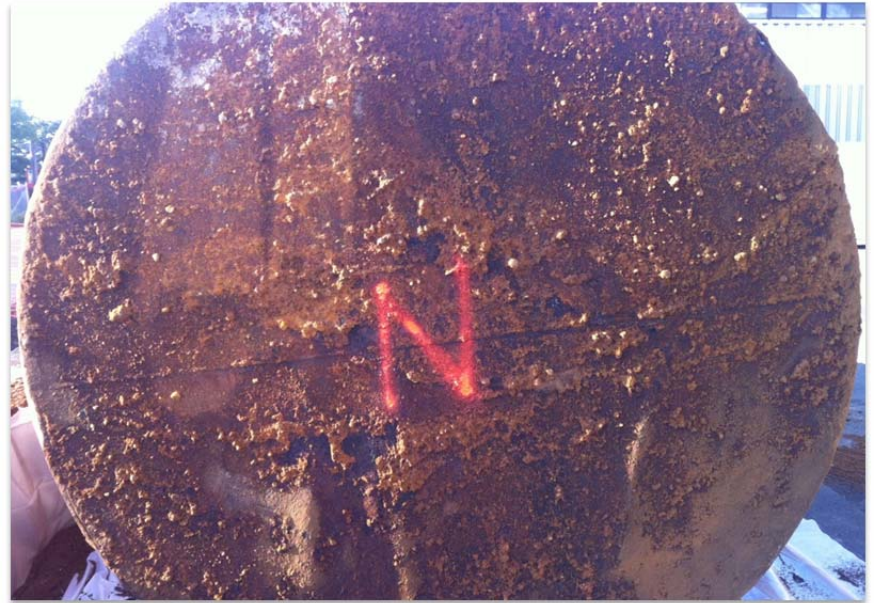
Condition Post Removal of Fluid and Sediment



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)



Compaction 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: 9/17/12
 Ship To: 999 South Oyster Bay Rd
 Bethpage NY
 (START 7AM)
 Driver: MIKE D. - 1011-018

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 508-902-7098

Accepted by: _____ Date: _____

Delivery to curb only — driver crosses curb, sidewalk or driveway at owner's risk.

GO EMPTY (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: 9/14/12
 Ship To: 999 South Oyster Bay Rd
 Bethpage 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. 6K 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

14-103

Please type (or print)		1. Generator's US EPA ID No. NON HAZARDOUS	Manifest Document No.	2. Page 1 1 of 1	
3. Generator's Name and Mailing Address US Navy/NWRP Bathpage 999 South Oyster Bay Road - Bathpage, NY 11714		6. US EPA ID Number CTD021816880		A. Nonhazardous Waste Manifest Document Number UIS A 0373443	
4. Generator's Phone (516 346-0344)		7. Transporter 1 Company Name UNITED INDUSTRIAL SERVICES		B. G.S.I. (Gen. Site Address) US Navy/NWRP Bathpage 999 South Oyster Bay Road Bathpage, NY 11714	
5. Transporter 2 Company Name		8. US EPA ID Number		C. S.T.I. (Trans. Lic. Plate #) V78607	
9. Designated Facility Name and Site Address BRIDGEPORT UNITED RECYCLING 50 CROSS STREET BRIDGEPORT, CT 06810		10. US EPA ID Number CTD002593887		D. Tran. Phone (203 238-8745)	
				E. S.T.I. (Trans. Lic. Plate #)	
				F. Tran. Phone ()	
				G. State Facility's ID (Not Required)	
				H. Facility's Phone 203 3341555	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON DOT / NON RCRA REGULATED MATERIAL NONE,NONE,,NONE		029	DM	0.1595	G
b.					EPA STATE NONE CR04
c.					EPA STATE
d.					EPA STATE
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
a. Non hazardous aqueous waste		Interim Final Interim Final			
b.		c. 1130			
c.		d.			
15. Special Handling Instructions and Additional Information EMERGENCY PH# (203)238-8745 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.					
Printed/Typed Name LORA B. FLY		Signature <i>Lora B. Fly</i>		Month Day Year 11 01 12	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name JAN MACIUSZK		Signature <i>Jan Maciuszk</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
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 Deborah Duquette		Signature <i>Deborah Duquette</i>		Month Day Year 11 02 12	

COPY 2 FACILITY MAILES 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.

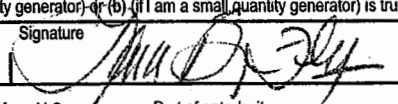
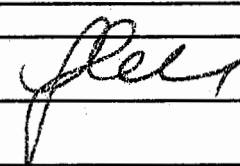
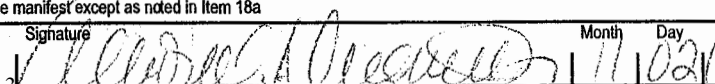
Thank you for choosing a United facility for your treatment and recycling needs. For additional information, please visit our website at www.unitedindustrialservices.com. To schedule a tour of our facility, please call (888) 276-0887 or email us at csa@unitedindustrialservices.com.

Very truly yours,

William C. Morris
Environmental Director

WCM/clm

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYDD02047976	2. Page 1 of 1	3. Emergency Response Phone (203)238-6745	4. Manifest Tracking Number 010742140 JJK				
5. Generator's Name and Mailing Address US Navy/NWIRP Bethpage 999 South Oyster Bay Road - Bethpage, NY 11714			Generator's Site Address (if different than mailing address) US Navy/NWIRP Bethpage 999 South Oyster Bay Road Bethpage, NY 11714					
Generator's Phone: 516 345-0344			U.S. EPA ID Number CTD021816889					
6. Transporter 1 Company Name UNITED INDUSTRIAL SERVICES			U.S. EPA ID Number CTD021816889					
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			U.S. EPA ID Number CTD002583887					
Facility's Phone: 203 3341666								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	X	1. NA3082, WASTE, HAZARDOUS WASTE, LIQUID, N.O.S. (Vinyl Chloride), 9, PGIII, RC	55	DM	3,025	6	D043	
		2.						
		3.						
14. Special Handling Instructions and Additional Information 1) ERG # 171 - P092712002H1S0 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/Offoror's Printed/Typed Name Lora B. FLY					Signature 		Month Day Year 11 01 12	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	Transporter signature (for exports only): _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name JAN MAGDZIA				Signature 		Month Day Year 11 01 12	
	Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number: _____ U.S. EPA ID 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. HEE 141		2.		3.		4.		
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 Day Year 11 02 12		



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 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
HAD084814136

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

U.S. EPA ID Number
NJD991291105

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. **NON RCRA, NON DOT REGULATED SOLID MATERIAL (SOIL) NONE, NONE, NONE**

No. Type

1 CM

15 YDS

13. Special Handling Instructions and Additional Information

EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343

DECL # 33573

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/Officer's Printed/Typed Name

Signature

Month Day Year

Lora D. Fly

[Signature]

11 20 12

15. International Shipments Import to U.S. Export from U.S.

Port of entry/exit:
Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

DAVID HARPER

[Signature]

11 20 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:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

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

Signature

Month Day Year

Robert F. Fitzer JR

[Signature]

11 20 12

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



IN

GENERATOR US NAVY
 MAN. NO. 077864
 TRANSPORTER E.Q. NORTH EAST
 VEHICLE ID. RT 3406
 DRIVER ON OFF
 REMARKS:

69380 LB

09:20 AM 11/20/12

OUT

36000 LB

05:33 PM 11/20/12

33,300
WEIGHT

4. Waste Tracking Number 077864	
5. EPA ID Number AD084814136	
6. EPA ID Number	
7. EPA ID Number JD991291105	
Total quantity	12. Unit Wt./Vol.

WELCH TRENIX

EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
 NON HAZARDOUS SOIL - APPROVAL CODE 123082343

NON HAZARDOUS SOIL

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/Officer's Printed/Typed Name: Lura D. Fly Signature: [Signature] Month: 11 Day: 20 Year: 12

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID HARTER Signature: [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

Quantity: 33,300 lbs Manifest Reference Number: _____ U.S. EPA ID 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: Rob [Signature] Signature: [Signature] Month: 11 Day: 20 Year: 12

1. Generator ID Number: **Non-Hazardous** 2. Page 1 of **1** 3. Emergency Response Phone: **800-426-9878** 4. Waste Tracking Number: **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: **NJ0991291105**

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. NON RCRA, NON DOT REGULATED SOLID MATERIAL (SOIL) NONE, NONE, NONE	1	CM	20	40
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information:
EMERGENCY PH# (800) 426-9878 - EQ NORTHEAST INC.
NON HAZARDOUS SOIL - APPROVAL CODE 123082343
Facility # 33571
CAA # RT0909

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/Officer's Printed/Typed Name: *Lisa D. Flig* Signature: _____ Month: **11** Day: **20** Year: **12**

15. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name: **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: _____

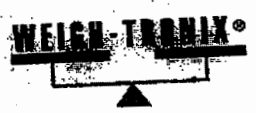
17b. Alternate Facility (or Generator): _____ U.S. EPA ID Number: _____
 Facility's Phone: _____
 17c. Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____

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 ...* Signature: _____ Month: **11** Day: **20** Year: **12**

GENERATOR US NAVY
 MAN. NO. 077861
 TRANSPORTER EQ NORTHEAST
 VEHICLE ID. RT 2909
 DRIVER ON OFF
 REMARKS:

IN
 68980 LB
 03:19 PM 11/20/12
 OUT
 35100 LB
 05:33 PM 11/20/12
 32,880
 WEIGHER

4. Waste Tracking Number		077861
5. EPA ID Number		
AD084814136		EPA ID Number
EPA ID Number		
0991291105		
Total Quantity	12. Unit Wt./Vol.	
	40	



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/Officer's Printed/Typed Name: Line 1 Flg Signature: [Signature] Month: 11 Day: 20 Year: 12

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [Signature] Signature: [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: _____

17c. Signature of Alternate Facility (or Generator) [Signature] 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] Signature: [Signature] Month: 11 Day: 20 Year: 12

RECEIVED PENDING MANIFEST
 REVIEW AND QUALITY CONTROL

RT 3030

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 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 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 NJ0991291105
--	------------------------------------

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
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/Officer's Printed/Typed Name Lora D. Fly	Signature <i>[Signature]</i>	Month Day Year 11 28 12
---	---------------------------------	----------------------------

15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
--	---

16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Robert McAlister	Signature <i>[Signature]</i>	Month Day Year 11 28 12
Transporter 2 Printed/Typed Name	Signature	Month Day Year

17. Discrepancy 17a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Rec'd: 30,040	Manifest Reference Number:
---	----------------------------

17b. Alternate Facility (or Generator) Facility's Phone:	U.S. EPA ID Number
---	--------------------

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 <i>[Signature]</i>	Month Day Year 11 29 12
--	---------------------------------	----------------------------

GENERATOR

INT'L

TRANSPORTER

SIGNATED FACILITY

GENERATOR

INTL
TRANSPORTER

DESIGNATED FACILITY

1. Generator ID Number WASTE MANIFEST		2. Page No. 1		3. Generator Phone No. 800-426-9878		4. Generator ID Number 077863	
5. Generator's Name and Mailing Address US Navy/NWIRP Bethpage 999 South Oyster Bay Road-Bethpage, NY 11714				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				U.S. EPA ID Number NJD991291105			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity		12. Unit WL/Vol.	
		No. Type					
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/Officer's Printed/Typed Name Lora B. Fly				Signature <i>[Signature]</i>		Month Day Year 11 27 12	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Robert McAuliffe				Signature <i>[Signature]</i>		Month Day Year 11 27 12	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
17. Discrepancy							
17a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Rec'd: 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 <i>[Signature]</i>		Month Day Year 11 28 12	

CLEANGRTH

Faster, smarter, greener solutions.

GENERATOR 15 MAY 4

MAN. NO. 077863

TRANSPORTER EQ

VEHICLE ID. RT3033

DRIVER ON OFF

REMARKS:

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

91291105

12, Unit
WL/Vol

T

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/Officer's Printed/Typed Name: Lora B. Fly Signature: [Signature] Month: 11 Day: 27 Year: 12

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials
Transporter Signature (for exports only): _____
Transporter 1 Printed/Typed Name: Robert McAllister Signature: [Signature] Month: 11 Day: 27 Year: 12
Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

17. Discrepancy
17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection
Rec'd: 30,260

17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____

Facility's Phone: _____

17c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____

RECEIVED RECEIVING MANIFEST
NOV 28 2012

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: [Signature] 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	Container is marked with the accumulation start date.	§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.	§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	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: <ol style="list-style-type: none"> 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): <ol style="list-style-type: none"> ✓ 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

¹Required by §§262.34(a)(1) and 262.34(d).

²Required by §§262.34(a)(4) and 262.34(d).

RCRA Container Storage Area Checklist

Date: 9/20/2012

Time: 1430

Inspector's Name: JOHN HURACEK

42

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 C		
YES	Container is in good condition and non-leaking. 55 HAZ / 29 NONHAZ	§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: <ol style="list-style-type: none"> 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): <ul style="list-style-type: none"> ✓ 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

¹Required by §§262.34(a)(1) and 262.34(d).

²Required by §§262.34(a)(4) and 262.34(d).

Source: Adapted from EPA Region 9.

#13

RCRA Container Storage Area Checklist

Date: 9/26/12

Time: 1600

Inspector's Name: JOHN HURALOK

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		
105 JA	Container is marked with the accumulation start date. <i>55HAR / 24 NOV 12</i>	§262.34(a)(2)
405 JA	Container is marked with the words "Hazardous Waste."	§262.34(a)(3)
Container Requirements — Part 265, Subpart C		
105 JA	Container is in good condition and non-leaking.	§265.171
405 JA	Waste is compatible with container that it is stored in.	§265.172
405 JA	Container is closed except when adding or removing waste.	§265.173(a)
405 JA	Container not stored in a way that would cause it to spill or leak.	§265.173(b)
405 JA	Weekly inspections are conducted. <i>#3</i>	§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: <ol style="list-style-type: none"> 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		
105 JA	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
405 #1-3 NO #4	Facility must be equipped with (unless hazards posed would not require): <ol style="list-style-type: none"> 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
405 JA	Testing and maintenance of equipment.	§265.33
405 JA	Immediate access to communication equipment when handling hazardous waste.	§265.34
405 JA	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: 14⁴²

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 <input checked="" type="checkbox"/>	Container is marked with the accumulation start date. 55 HAZ / 29 NOV HAZ	§262.34(a)(2)
YES <input checked="" type="checkbox"/>	Container is marked with the words "Hazardous Waste."	§262.34(a)(3)
Container Requirements — Part 265, Subpart 1		
YES <input checked="" type="checkbox"/>	Container is in good condition and non-leaking.	§265.171
YES <input checked="" type="checkbox"/>	Waste is compatible with container that it is stored in.	§265.172
YES <input checked="" type="checkbox"/>	Container is closed except when adding or removing waste.	§265.173(a)
YES <input checked="" type="checkbox"/>	Container not stored in a way that would cause it to spill or leak.	§265.173(b)
YES <input checked="" type="checkbox"/>	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
Transport Requirements — Part 265, Subpart 3		
	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 ATEHS TIME	<p>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:</p> <ol style="list-style-type: none"> "HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency." Generator's name and address. Generator's EPA ID number. Manifest tracking number. 	§262.32
Preparedness and Prevention — Part 265, Subpart 5		
YES <input checked="" type="checkbox"/>	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
YES # 1-3	<p>Facility must be equipped with (unless hazards posed would not require):</p> <ol style="list-style-type: none"> Internal communications to signal emergency to facility personnel. Communication device to alert local emergency response personnel. Fire extinguishers. 	§265.32
NO # 4	4. Fire suppression: adequate water supply or foam producing equipment.	
YES <input checked="" type="checkbox"/>	Testing and maintenance of equipment.	§265.33
YES <input checked="" type="checkbox"/>	Immediate access to communication equipment when handling hazardous waste.	§265.34
YES <input checked="" type="checkbox"/>	Adequate aisle space.	§265.35

¹Required by §§262.34(a)(1) and 262.34(d).

²Required 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: 14:00 Inspector's Name: JOHN HUDACOR

ONE LABEL HAD BROWN CLIP - 6 LBS IT WAS REPLACED

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		
YES JH	Container is marked with the accumulation start date. 55 HAZ / 29 NOV 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 262, Subpart C		
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
DOT Usage 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: <ol style="list-style-type: none"> "HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency." Generator's name and address. Generator's EPA ID number. Manifest tracking number. 	§262.32
Preparation and Prevention - Part 265, Subpart C		
YES JH	Facility is maintained in a manner to prevent fire, explosions or spills.	§265.31
JH	Facility must be equipped with (unless hazards posed would not require): <ol style="list-style-type: none"> Internal communications to signal emergency to facility personnel. Communication device to alert local emergency response personnel. Fire extinguishers. Fire suppression: adequate water supply or foam producing equipment. 	§265.32
NO #4		
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

¹Required by §§262.34(a)(1) and 262.34(d).
²Required by §§262.34(a)(4) and 262.34(d).

Source: Adapted from EPA Region 9.

RCRA Container Storage Area Checklist

Date: 10-18-12 THURS Time: 10AM Inspector's Name: JOHN HUDACK

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. 55HAZ / 29 NOV 11A2	§262.34(a)(2)
YES JH	Container is marked with the words "Hazardous Waste."	§262.34(a)(3)
Container Requirements — Part 265, Subpart C		
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: <ol style="list-style-type: none"> 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	Facility must be equipped with (unless hazards posed would not require): <ol style="list-style-type: none"> ✓ 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

¹Required by §§262.34(a)(1) and 262.34(d).

²Required by §§262.34(a)(4) and 262.34(d).

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 ($\leq 15.0\%$) 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 ($\leq 15.0\%$) for all compounds. No qualifications were required.
3. CCV analyzed on 09/23/2012 @ 19:51 (MSL) exhibited acceptable %Ds ($\leq 15.0\%$) for all compounds. No qualifications were required.
4. CCV analyzed on 09/23/2012 @ 19:51 (MSL) exhibited acceptable %Ds ($\leq 15.0\%$) for all compounds. No qualifications were required.
5. CCV analyzed on 09/18/2012 @ 08:44 (MSP2) exhibited acceptable %Ds ($\leq 15.0\%$) 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



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-AOC32-11	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



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-AOC32-11	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



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-AOC32-12	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



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-AOC32-13	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



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-AOC32-13	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



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-AOC32-14	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



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-AOC32-15	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



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-AOC32-16	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



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-AOC32-16	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



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
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



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-AOC32-02	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



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-AOC32-02	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



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-AOC32-03	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



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-AOC32-04	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



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-AOC32-05	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



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-AOC32-05	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



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-AOC32-06	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



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-AOC32-07	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



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-AOC32-07	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



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-AOC32-08	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



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	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

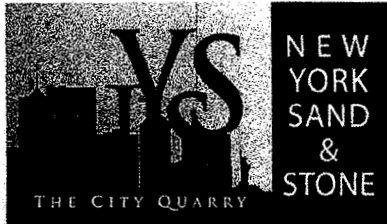
Point	Northing	Easting	Notes
Tank 1 - South Edge	214,340	1,124,705	Tank edge AOC32-UST-GRAB, AOC32-
Tank 1 - Manway	214,350	1,124,706	1/1A, AOC32-5
Tank 1 - North Edge	214,364	1,124,708	Tank edge
Tank 2 - South Edge	214,369	1,124,709	Tank edge
Tank 2 - Manway	214,373	1,124,709	AOC32-3/3A, AOC32-6
Tank 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



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

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.

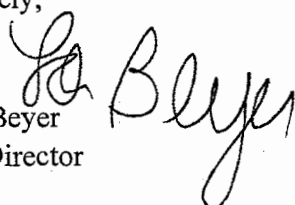
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

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

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

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): <i>Jessica Diemberi</i> SAMPLER NAME (PRINT): Jessica Diemberi	SAMPLE(S) SEALED: YES / NO CORRECT CONTAINER(S): YES / NO TEMPERATURE (°C): 4.1
--	----------------------------	---	--

PROJECT LOCATION: **NYSDEC BIENNIAL TEST**

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION														
1105084-01A	S/S	2	5/6/11	11:00	25th ST. TERMINAL														

ANALYSIS REQUIRED
 THRU 4/30/11
 PACT 3/15

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 <input type="checkbox"/> STAT <input type="checkbox"/> BY / / <small>(7-10 business days)</small>	E-MAIL ADDRESS FOR RESULTS:
---	--	-----------------------------

RELINQUISHED BY (SIGNATURE) <i>Louis Zeffien</i>	DATE 6/6/11	PRINTED NAME Louis Zeffien	RECEIVED BY LAB (SIGNATURE) <i>John Bey</i>	DATE 5/6/11	PRINTED NAME John Bey
RELINQUISHED BY (SIGNATURE)	DATE	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE	PRINTED NAME
	TIME			TIME	

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 *[Handwritten Signature]*

Date 5/6/11

Reviewed by

Initials Pmas

Date 5/6/11

Matrix

Carrier name Client

- Shipping container/cooler in good condition? Yes No Not Presen
- Custody seals intact on shipping 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
 Lab Order: 1105084
 Project: NYSDEC Biannual Test
 Lab ID: 1105084-01A

Client Sample ID: 25th Street Terminal
 Collection Date: 5/6/2011 11:00:00 AM
 Matrix: SOIL

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
 Lab Order: 1105084
 Project: NYSDEC Biannual Test
 Lab ID: 1105084-01A

Client Sample ID: 25th Street Terminal
 Collection Date: 5/6/2011 11:00:00 AM
 Matrix: SOIL

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
Lab Order: 1105084
Project: NYSDEC Biannual Test
Lab ID: 1105084-01B

Client Sample ID: 25th Street Terminal
Collection Date: 5/6/2011 11:00:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY							
Mercury	0.00898	0.005	0.00998	J	mg/Kg-dry	1	5/11/2011 10:27:38 AM
							Analyst: AH
HERBICIDES SW-846 8151							
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
							Analyst: SB
PCB'S AS AROCLORS SW-846 METHOD 8082							
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
							Analyst: SB
PESTICIDES SW-846 METHOD 8081							
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

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
 Lab Order: 1105084
 Project: NYSDEC Biannual Test
 Lab ID: 1105084-01B

Client Sample ID: 25th Street Terminal
 Collection Date: 5/6/2011 11:00:00 AM
 Matrix: SOIL

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

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
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - LOQ Limit of Quantitation
 - S Spike Recovery, outside accepted recovery limits
 - C Calibration %RSD/%D exceeded for non-CCC analytes
 - H Holding times for preparation or analysis exceeded
 - LOD Limit of Detection
 - P >40% diff for detected conc between the two GC columns
 - 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
Lab Order: 1105084
Project: NYSDEC Biannual Test
Lab ID: 1105084-01B

Client Sample ID: 25th Street Terminal
Collection Date: 5/6/2011 11:00:00 AM
Matrix: SOIL

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

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
 Lab Order: 1105084
 Project: NYSDEC Biannual Test
 Lab ID: 1105084-01B

Client Sample ID: 25th Street Terminal
 Collection Date: 5/6/2011 11:00:00 AM
 Matrix: SOIL

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

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.

ELAP ID.: 11418

CLIENT: New York Sand & Stone, LLC
 Lab Order: 1105084
 Project: NYSDEC Biannual Test
 Lab ID: 1105084-01B

Client Sample ID: 25th Street Terminal
 Collection Date: 5/6/2011 11:00:00 AM
 Matrix: SOIL

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

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
 Lab Order: 1105084
 Project: NYSDEC Biannual Test
 Lab ID: 1105084-01C

Client Sample ID: 25th Street Terminal
 Collection Date: 5/6/2011 11:00:00 AM
 Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TRIVALENT CHROMIUM Chromium, Trivalent	6.22	0.09	0.379	SW6010C	mg/Kg-dry	1	Analyst: JP 5/11/2011

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
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - LOQ Limit of Quantitation
 - S Spike Recovery outside accepted recovery limits
 - C Calibration %RSD/%D exceeded for non-CCC analytes
 - H Holding times for preparation or analysis exceeded
 - LOD Limit of Detection
 - P >40% diff for detected conc between the two GC columns
 - U Indicates the compound was analyzed but not detected.

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: 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: 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 H Holding times for preparation or analysis exceeded LOQ Limit of Quantitation	C Calibration %RSD/%D exceeded for non-CCC analytes J Analyte detected below quantitation limits P >40% diff for detected conc between the two GC column	E Value above quantitation range LOD Limit of Detection 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: 812042						
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 H Holding times for preparation or analysis exceeded LOQ Limit of Quantitation	C Calibration %RSD/%D exceeded for non-CCC analytes J Analyte detected below quantitation limits P >40% diff for detected conc between the two GC column	E Value above quantitation range LOD Limit of Detection 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 H Holding times for preparation or analysis exceeded LOQ Limit of Quantitation	C Calibration %RSD/%D exceeded for non-CCC analytes J Analyte detected below quantitation limits P >40% diff for detected conc between the two GC column	E Value above quantitation range LOD Limit of Detection 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 H Holding times for preparation or analysis exceeded LOQ Limit of Quantitation	C Calibration %RSD/%D exceeded for non-CCC analytes J Analyte detected below quantitation limits P >40% diff for detected conc between the two GC column	E Value above quantitation range LOD Limit of Detection 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: VLBK-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 H Holding times for preparation or analysis exceeded LOQ Limit of Quantitation	C Calibration %RSD/%D exceeded for non-CCC analytes J Analyte detected below quantitation limits P >40% diff for detected conc between the two GC column	E Value above quantitation range LOD Limit of Detection 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

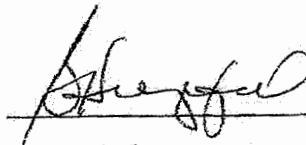
Client: New York Sand & Stone, LLC
63 Flushing Ave.
Unit 311
Brooklyn, NY 11205

Material: Aggregate Base Stone Item 4
Sampled By: Client
Test Type: ASTM C136, ASTM 117

Delivered By: Client

Gradation ASTM C136 ASTM C117

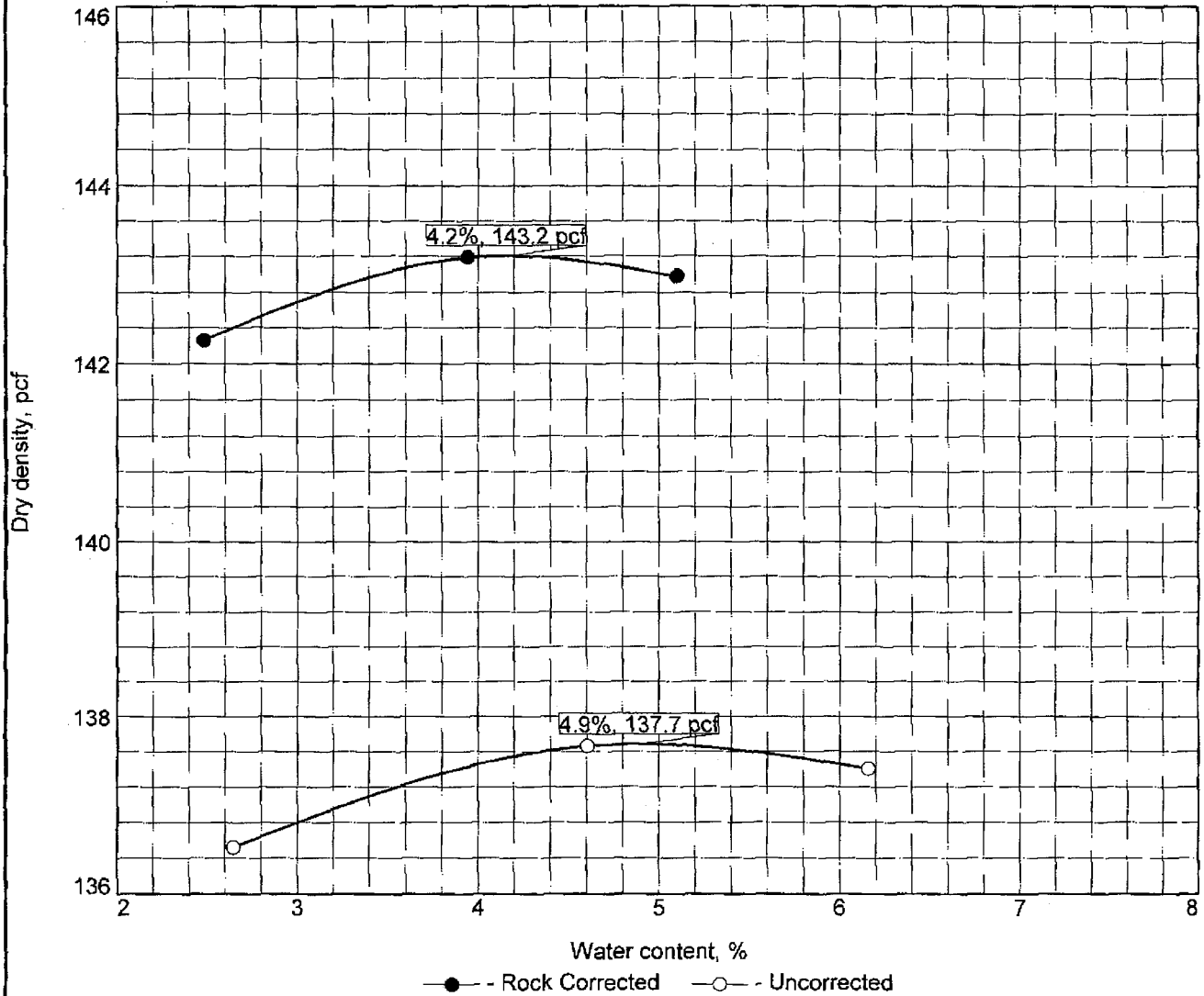
<u>Sieve Size</u>	<u>Percent Passing</u>	<u>Specification</u>
2 in	100.0	100
¾ in	56.5	25 - 60
#40	17.6	5 - 40
#200	2.4	0 - 10



Laboratory Supervisor

THIS REPORT RELATES ONLY TO THE ITEMS AND/OR EXACT TEST AND/OR INSPECTED LOCATION AND IS CONFIDENTIAL PROPERTY OF THE UNIVERSAL GROUP AND ITS CLIENT (S). INFORMATION CONTAINED IN THIS REPORT MAY NOT BE PUBLISHED AND/OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM THE UNIVERSAL GROUP. FAILURE TO DO SO MAY RESULT IN LEGAL OBLIGATIONS ON YOUR PART. 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

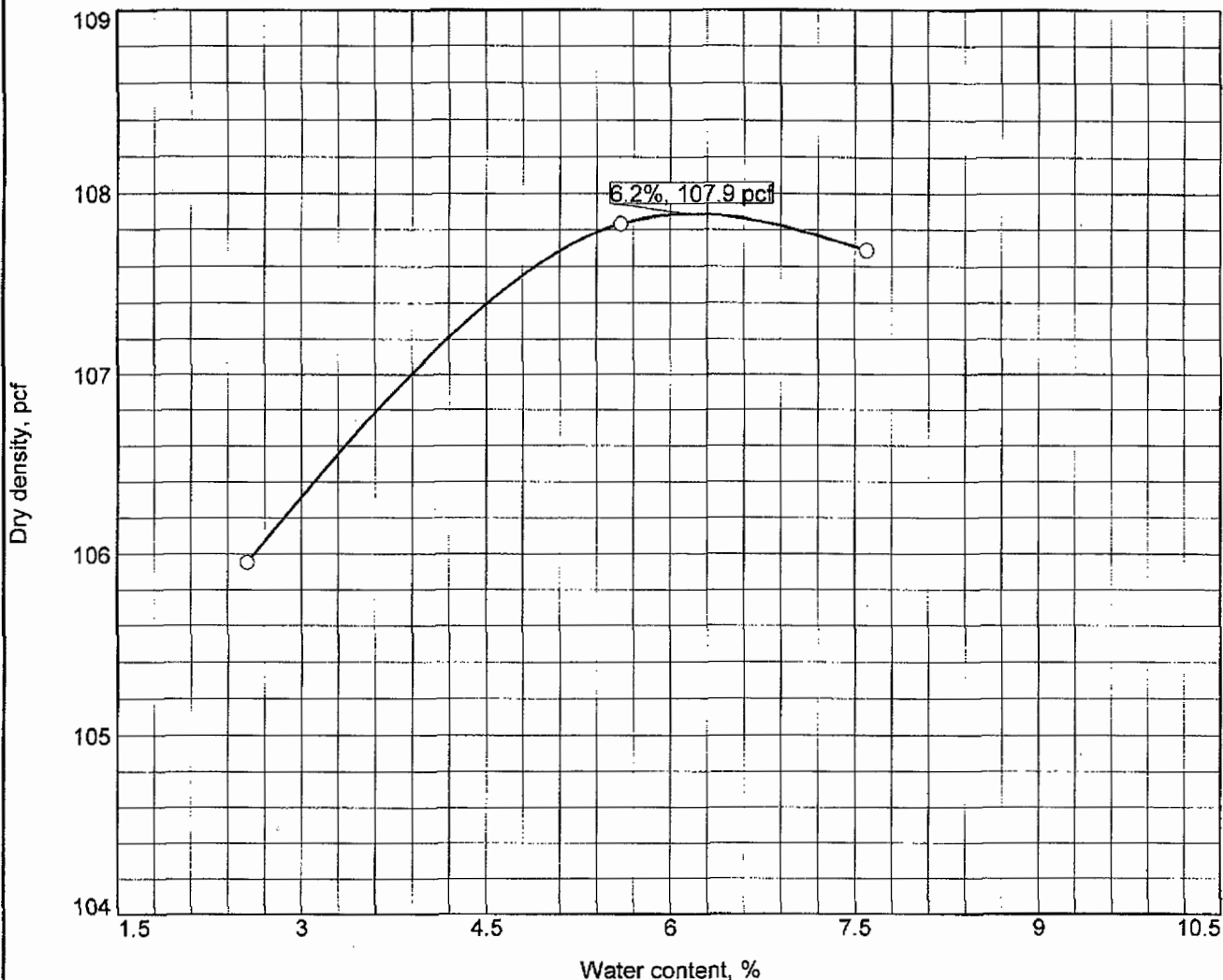
Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
BORROW			2.6				25.4	6.8

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 ○ 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

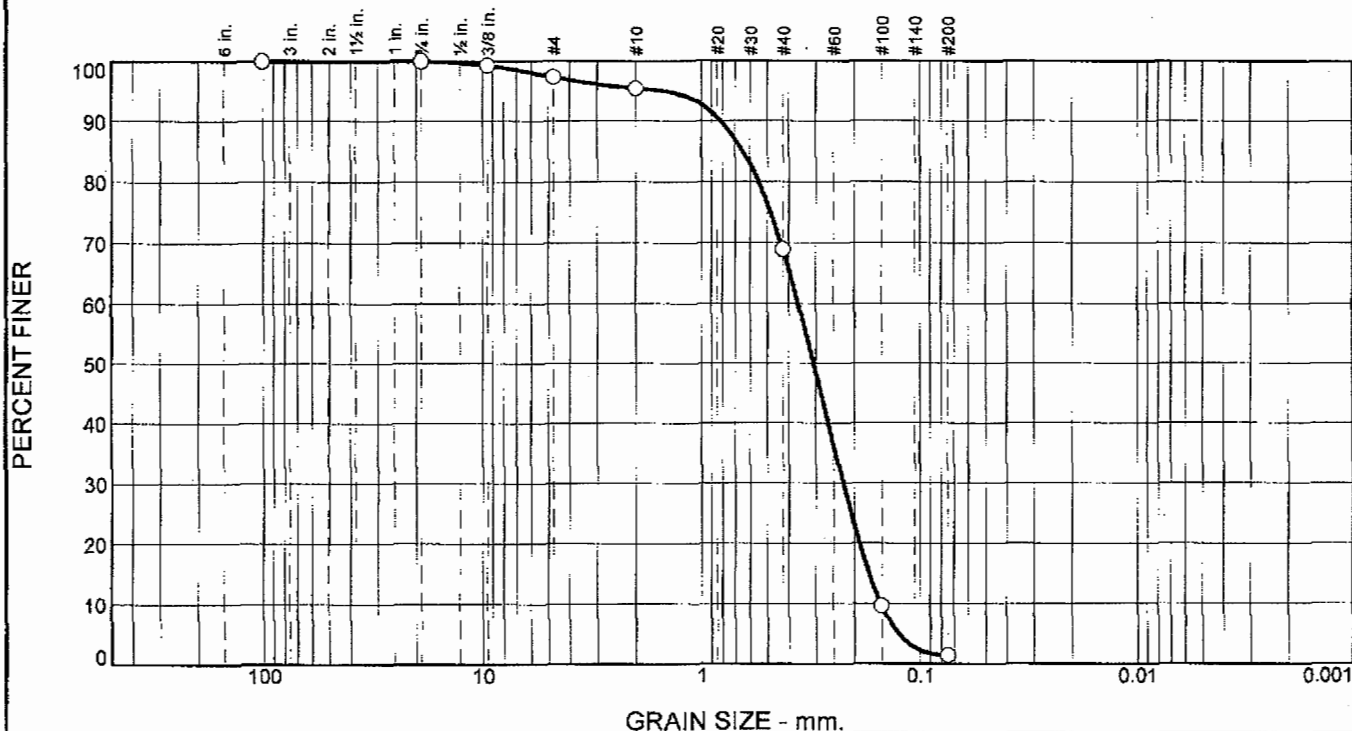
TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 107.9 pcf Optimum moisture = 6.2 %	CLEAN COARSE TO FINE SAND.PICKED UP AND DELIVERED BY MTL ON 9/07/12. SOURCE:NEW YORK
Project No. Client: ENVIRONMENTAL QUALITY COMPANY Project: EQ BETHPAGE	Remarks: REPORT#B6706. ASTM D1557. DATE:9/10/12.SAMPLE ID - PIPE SAND.
Loc.: BETHPAGE Depth: BORROW Sample No.: 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	

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	

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
 D₉₀= 0.8161 D₈₅= 0.6472 D₆₀= 0.3616
 D₅₀= 0.3078 D₃₀= 0.2252 D₁₅= 0.1712
 D₁₀= 0.1516 C_u= 2.39 C_c= 0.93

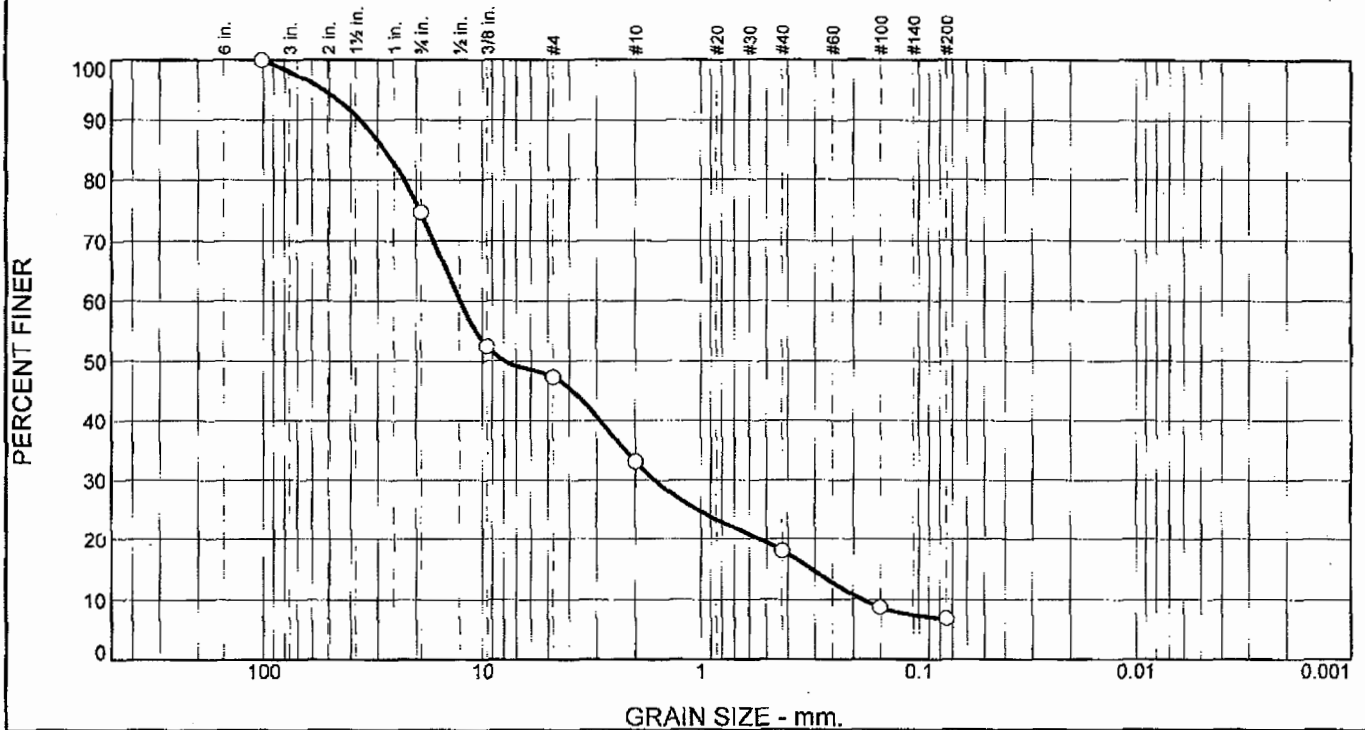
Remarks
 REPORT#B6705. ASTM D422 & D2487.

Date Received: 9/07/12 **Date Tested:** 9/10/12
Tested By: J.ALINCASTRE
Checked By: MURAT SIMSEK,P.E.
Title: LAB DIRECTOE

* NY STATE SELECT FILL

Location: BETHPAGE	Depth: BORROW	Date Sampled: 9/07/12
Sample Number: PIPE SAND		
MUNICIPAL TESTING LABORATORY, INC.	Client: ENVIRONMENTAL QUALITY COMPANY	
	Project: EQ BETHPAGE	
Hauppauge, NY	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	

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.A.LINCASTRE

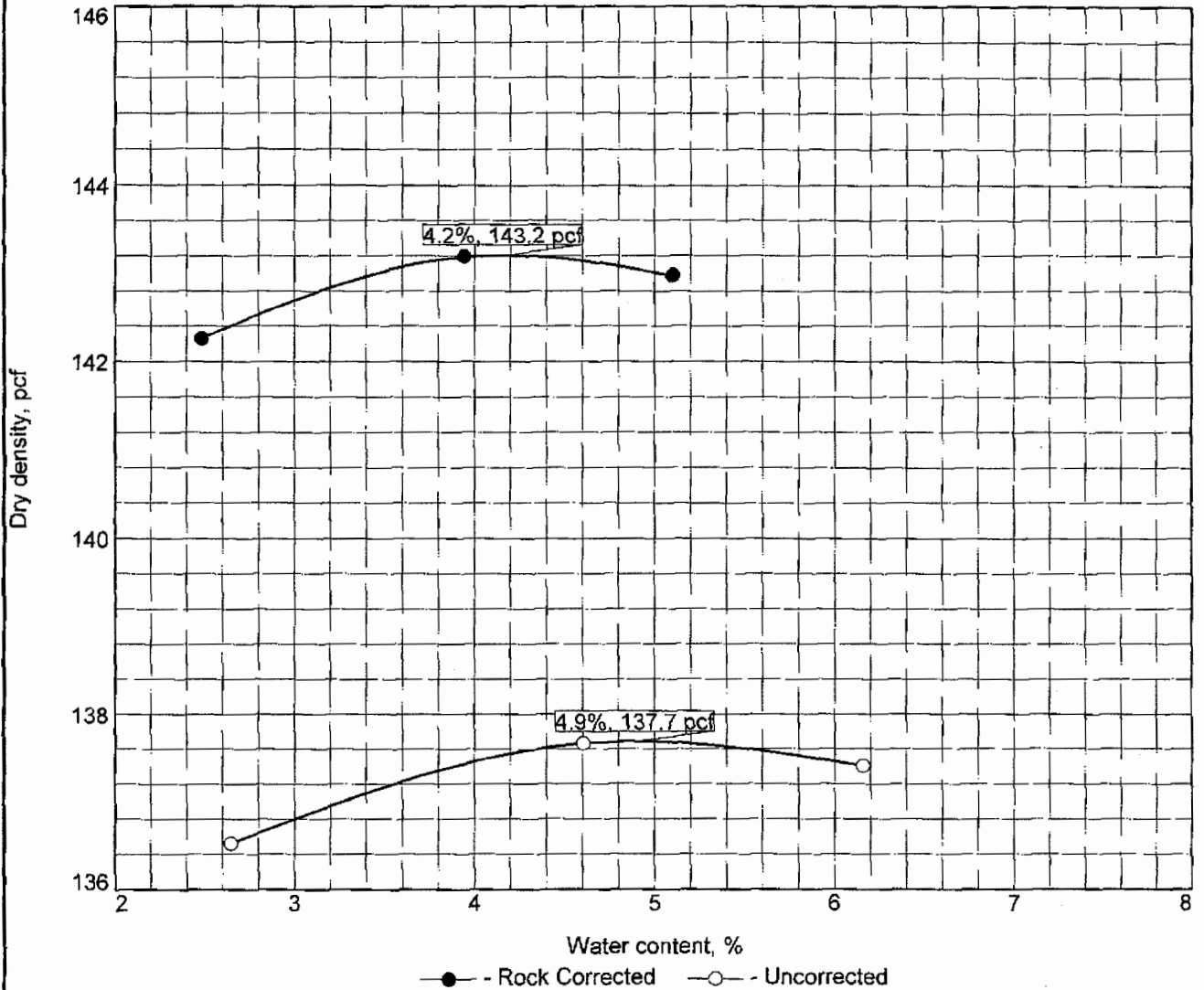
Checked By: MURAT SIMSEK, P.E.

Title: LAB DIRECTOR

* NY STATE SELECT FILL.

Location: BETHPAGE	Depth: BORROW	Date Sampled: 9/07/12
Sample Number: ITEM #4		
MUNICIPAL TESTING LABORATORY, INC.	Client: ENVIRONMENTAL QUALITY COMPANY	
	Project: EQ BETHPAGE	
Hauppauge, NY	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.

Tested By: J.ALINCASTRE

Checked By: MURAT SIMSEK,P.E.

MUNICIPAL TESTING NUCLEAR DENSITY TEST REPORT

Client: EDN PRIMEAST Date: 9/17/12 Report No: _____ Page ____ of ____
 Project: 999 SOUTH DUSTER PAV TRD Gauge Model/Serial#: 17393-#9
 Technician: TRAVONIA BETH Battery Hours Left: 27 HR'S
 General Location: @ ADC-32 (SOUTH) Standard Counts: DS 3235 MS 1082
 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	% H2O	Dry Density	Proctor Density	Percent Compact.	Required Min Compact.	Exact Test Location
#1	#1	N	@ 1st B-5-6	109.7	5.3	124.4	107.9	96.8	95.0%	@ NORTH
#2	↓	↓	↓	108.1	4.0	124.0	↓	96.4	↓	@ SOUTH
#3	#2	↓	@ SUB GRADE	105.9	3.1	122.8	↓	95.3	↓	@ NORTH
#4	↓	N	↓	109.9	4.1	125.8	107.9	98.0	95.0%	@ SOUTH

LIFT SIZE? (6", 8", _____): 12"
 EST LOCATIONS CHOSEN BY: _____ Client: MTL Contractor: _____
 Test Results Given To Client: Yes ___ No ___ Copy Given of this Page? Yes ___ No ___

APPENDIX J
CAMP DOCUMENTATION

AIR MONITORING LOG

Project Name: AOC 32
Project Location: NWIRP - BETHPAGE N1
Date: 9/10/12
Conducted By: JOHN HODNER
Page Number: #1 of 2

COVER EXCAVATION
 ↓
 FLUID DUMP

Time	Location	CO ()	H ₂ S ()	O ₂ ()	LEL ()	VOC ()
9:00	TANK #2 AREA	0	0	20.9	-	0
9:15		0	0	20.2	-	0
9:30		0	0	20.9	-	0
10:00		2	0	20.3	-	0
10:15		0	0	20.9	-	0
10:30		0	0	20.9	-	0
11:00		0	0	20.3	-	0
11:15		0	0	20.9	-	0
11:30	↓	0	0	20.9	-	0
	11:30 - 12:30 NO ACT					
12:45	↓	0	0	20.9	-	0
13:00		0	0	20.9	-	0
13:15		0	0	20.9	-	0
13:30		0	0	20.9	-	0
14:00	↓	0	0	20.9	-	0

LEGEND:

- VOC: Volatile organic compound
- PID: Photoionization detector
- FID: Flame ionization detector
- LEL: Lower explosive limit
- O₂: Oxygen meter
- mg/m³: 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

Fluid Removal
 ↓

Time	Location	CO ()	H ₂ S ()	O ₂ ()	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
- O₂: Oxygen meter
- mg/m³: Milligrams per cubic meter
- ppm: Parts per million



AIR MONITORING LOG

Project Name: AOC-32
Project Location: NWIRP - BETHPAGE MT
Date: 9/1/12
Conducted By: J. Hudson
Page Number: # 1 of 1

Time	Location	CO ()	H ₂ S ()	O ₂ ()	LEL ()	VOC ()
0700	TAVE #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
8:15	↓	0	6	20.9	—	0
830						
	830-1430 NOWALK					
1445	TAVE #2	0	0	20.7	—	0
1500	↓	0	0	20.7	—	0
1515	↓	0	0	20.9	—	0
15:30	TAVE #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
 O₂: Oxygen meter
 mg/m³: Milligrams per cubic meter
 ppm: Parts per million

AIR MONITORING LOG

Project Name: AOC 32
Project Location: NWIR? BOTHPAGE #1
Date: 9/12/12
Conducted By: J. Hudson
Page Number: 4/04

Time	Location	CO ()	H2S ()	O ₂ ()	LEL ()	VOC ()
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

SCORING
 ↓

LEGEND:

- VOC: Volatile organic compound
- PID: Photoionization detector
- FID: Flame ionization detector
- LEL: Lower explosive limit
- O₂: Oxygen meter
- mg/m³: Milligrams per cubic meter
- ppm: Parts per million

