



August 9, 2012

Ms. Karen Buerki  
On-Scene Coordinator  
U.S. Environmental Protection Agency, Region 4  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street SW  
Atlanta, Georgia 30303

**Subject:        March 2012 Soil and Waste Sampling Letter Report  
                     Statesboro Highway Creosote  
                     Sylvania, Screven County, Georgia  
                     Contract No. EP-W-05-053  
                     Technical Direction Document (TDD) No.: TNA-05-003-0160**

Dear Ms. Buerki,

The Oneida Total Integrated Enterprises (OTIE), Superfund Technical Assessment and Response Team (START), has prepared this letter report detailing soil and waste sampling activities performed in support of an Expanded Assessment (EA) of the abandoned shed at the Jeffers property located on the Statesboro Highway Creosote site (site). The site was referred to EPA by the Georgia Department of Natural Resources (GA DNR) Environmental Protection Division (EPD). All activities and procedures were performed in accordance with the Environmental Protection Agency (EPA) Science and Ecosystem Support Division (ESD) Region 4 *Field Branches Quality System and Technical Procedures* (FBQSTP) and the site-specific Quality Assurance Project Plan (QAPP) approved by EPA on February 29, 2012.

OTIE was tasked under EPA START Contract Number (No.) EP-W-05-053, TDD No. TNA-05-003-0160 to assess soils adjacent to an abandoned pit of the former Statesboro Highway Wood Preserving Facility. The sampling event focused on surface soil, subsurface soil, and waste sampling in and around the abandoned pit. Specifically, START was tasked to provide written and photographic documentation of on-site conditions; and collect soil and waste samples for laboratory analysis of Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, silver, and selenium) and Mercury, target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic

compounds (SVOCs) including polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and chlorinated pesticides.

This Letter Report summarizes the March 2012 field investigation activities and details the sampling results and findings. This sampling event was conducted as a follow-up to the Site Assessment conducted by the GA DNR prior to referring the site to the EPA for further assessment activities. The purpose of the sampling event was to determine whether or not contaminants related to wood preserving operations are still present at the abandoned pit and/or in the surrounding soil. Findings will assist the EPA to determine if an immediate removal and cleanup of the area is warranted.

### **Site Background**

The site is located at 6476 Statesboro Highway, Sylvania, Screven County, Georgia. The geographic coordinates for the center of the on-site building are 32° 35' 32.50" North latitude and 81° 42' 19.00" West longitude (Attachment A, Figures 1 and 2). The site is a former family owned wood preserving facility. Operations at the facility included treatment of wood posts for use in fences on the property. The facility is still owned by the Jeffers family; however wood preserving operations ceased in the mid to late 1960's. The site is situated in a rural area and it can be accessed either by Scarboro Highway (south) or Statesboro Highway (east). The closest water body is the Ogeechee River, which is located several miles south of the site (Attachment A, Figure 1).

Little is known about the specific details of former wood preserving operations at the site; however conversations with the current property owner, Ms. Sandra Jeffers, indicate that the facility was developed in the 1940's as a small wood preserving facility. The facility consisted of a weighting area, a large pit with wood preserving material that served as the processing area, and the drying and staging area accessible to vehicles with outlet to Statesboro Highway.

In August 18, 2005, a representative of the GA DNR visited the former facility in response to a complaint about an old abandoned creosote pit. Upon arrival, Mrs. Jeffers guided GA DNR to the abandoned facility. The facility and the creosote pit are located in an old abandoned shed behind the owner's house. The pit is an in-ground open area approximately 30 feet by 8 feet by 4 feet lined with a metal insert. The pit was observed to contain a dark liquid waste with a naphthalene type odor. Mrs. Jeffers explained to GA DNR that her father, who is deceased, used the creosote to treat wood posts in the tank during the early 1960's and that the posts were used for fences on the property. The liquid waste was approximately

one foot deep in the tank. On September 2005, GA DNR EPD decided to conduct a site assessment involving the collection of waste samples from the pit as well as surface soil samples from around the pit. Samples were submitted for VOC, SVOC, PAH, and TAL metals analyses. GA DNR laboratory could not perform the analysis for the waste samples; however, soil sample analysis detected the presence of fluoranthene and pyrene (PAHs) indicating the existence of wood preserving materials around the pit area (Attachment F).

GA DNR EPD advised Mrs. Jeffers to cover the pit securely to prevent children from coming into contact with the waste until further evaluation of the situation could be made by GA DNR EPD. The nearest residence, other than the Jeffers' home, to the site is located at 152 Statesboro Highway in Sylvania, GA, and is less than 300 feet from the pit. As a follow up on the security at the abandoned facility and pit, GA DNR EPD conducted another site visit on July 21, 2011 finding the pit properly covered and secured.

On September of 2011, the GA DNR EPD, specifically the Land Protection Branch Chief, Mark Smith, requested the removal and disposal of the creosote pit located at the site. Based on the analytical results conducted by the GA DNR laboratory, the site was scored and placed on EPD's Hazardous Site Inventory (HSI #10827). EPD planned to allocate funds from the Hazardous Waste Trust Fund for removal and disposal of the vessel and contents; however, these funds have since been exhausted. Therefore, GA DNR EPD requested EPA Emergency Response and Removal Branch to conduct the appropriate removal action and any further investigation that might be necessary (Attachment F).

START was contacted by EPA the week of February 21, 2012 and tasked to generate a QAPP and provide personnel to conduct the waste and soil sampling event starting on March 1, 2012.

### **Field Investigation Activities**

The soil and waste sampling event was conducted on March 1 and March 2, 2012, by START personnel. Field activities consisted of documenting on-site conditions with logbook notes and site photographs, and collecting soil and waste samples for laboratory and waste disposal analysis. The QAPP was developed by START and submitted under separate cover and approved by EPA.

START began the field investigation by visually examining the area around the abandoned facility and identifying sample collection locations. Observations of the facility concurred with GA DNR EPD findings of the pit. Waste material and stained soils were visually observed around the former processing

area. The odor of the material inside the pit resembled the odor of alcamphor and naphthalene. No stained soils were found more than 20 feet from the abandoned facility.

A total of five surface soil samples, three subsurface soil samples, one duplicate sample, a background sample, and two waste samples were collected from seven locations. The sampling areas were located around the former wood preserving processing area (north, south, east, and west) at the site and the background location was selected at a point further east of the site (Appendix A, Figure 3). Geographic coordinates for each location were collected using a Trimble® GeoXT Global Positioning System (GPS) and are presented in Table 1 provided in Attachment B

Waste samples SHC-W-01 and SHC-W-02 were collected for each end of the pit (west and east side of the abandoned facility), respectively. Surface soil locations (0 to 6 inches below ground surface) SCH-SS-01 through SHC-SS-05, and subsurface soil locations (6 inches to 4 feet below ground surface), SHC-SB-01 and SHC-SB-03, were collected around the pit. Background locations SHC-BKSS-01 and SHC-BKSB-01 were collected 300 feet east of the abandoned facility (Attachment A, Figure 3). Soil samples for VOC analysis were collected using terracore samplers. All other samples were collected using stainless steel auger buckets, homogenized in stainless steel bowls using stainless steel spoons in accordance with the Region 4 SESD FBQSTP. The soil samples were submitted to TestAmerica, Savannah, GA for TCL VOC, TCL SVOC, PCB, pesticides, and RCRA metals analysis in accordance with EPA SW846 Methods 8260B, 8270C, 8082A, 8081B, and 6010C and 7471A, respectively. Waste samples were submitted to the same laboratory for waste categorization analysis including Toxicity Characteristic Leaching Procedure (TCLP) VOC, TCLP SVOC, TCLP pesticides, TCLP herbicides, TCLP metals, ignitability, and pH in accordance with EPA SW846 Methods 1311/8260B, 1311/8270C/8270D, 1311/8082A/8081B, 1311/7471B, 1010A and 9045D. A summary of the samples collected and the analysis performed is presented in Table 1 provided in Attachment B.

The samples were packaged and shipped the same day via Federal Express for analysis. All sampling activities were documented with digital photographs and written logbook notes (Attachment C and D, respectively).



## **Laboratory Analytical Results**

A summary of the analytical results for the surface soil, subsurface soil and waste samples collected during this sampling event are presented in Tables 2 through 4 provided in Attachment B. A complete copy of the laboratory analytical report is provided as Attachment E. Figures 4 through 6 provided in Attachment A, illustrate specific results for soil and waste samples.

### Surface Soil and Subsurface Soil Samples

In addition to the summary of results presented in the tables, the total PAH concentration was calculated by summing the concentration of all the PAH results in the samples and the carcinogenic benzo(a)pyrene toxic equivalent (cBaP teq) was calculated from the six carcinogenic PAH results as follows:

$$\text{cBaP teq} = (\text{concentration (conc) benzo(a)pyrene} \times 1.0) + (\text{conc benzo(a)anthracene} \times 0.1) + (\text{conc benzo(b)fluoranthene} \times 0.1) + (\text{conc benzo(k)fluoranthene} \times 0.1) + (\text{conc chrysene} \times 0.01) + (\text{conc indeno(1,2,3-cd)pyrene} \times 0.1).$$

A review of the analytical results from the surface and subsurface soil samples collected around the abandoned pit of the site indicate the following:

- Arsenic was detected in all samples at concentrations ranging from 1.3 milligrams per kilogram (mg/Kg) to 4.8 mg/Kg. All sample results were less than the EPA Region 4 Removal Action Level (RAL) for worker soil of 38.9 mg/Kg for arsenic.
- Barium was detected in all samples at concentrations ranging from 18 mg/Kg to 45 mg/Kg. All sample results were less than the worker soil RAL of 164,000 mg/Kg for barium.
- Chromium was detected in all samples at concentrations ranging from 3.5 mg/Kg to 28 mg/Kg, but at concentrations less than the worker soil RAL of 27,600 mg/Kg.
- Lead was detected in all samples at concentrations ranging from 5.2 mg/Kg to 27 mg/Kg, but at concentrations less than the RAL value of 400 mg/Kg.
- Mercury was detected in all samples at concentrations ranging from 0.015 mg/Kg to 0.069 mg/Kg, but at concentrations less than the worker soil RAL value of 20 mg/Kg.
- DDT was detected in all the surface soil samples except SHC-SS-BK01(background) and in subsurface soil sample SHC-SB-03 at concentrations ranging from 10 micrograms per kilogram (µg/Kg) to 590 µg/Kg. Results are less than the worker soil RAL value of 172,000 µg/Kg.
- Pesticides 4,4'-DDE , alpha-BHC endrin and/or gamma-BHC (Lindane) were detected in the surface soils with the exception of the background samples. All pesticides were below their individual worker soil RALs.
- No PCBs were detected in any of the samples.

- VOCs were only detected at the background location. Trace amounts of 2-butanone, acetone, methyl acetate, and toluene were detected above the detection limit but significantly less than the worker soil RAL values.
- SVOCs, other than the PAHs, were not above the detection levels.
- The residential RAL for cBaP teq is 1.5 mg/Kg. The sample results for cBaP teq ranged from 0.067733 mg/Kg to 84.55 mg/Kg. With the exception of the background location, all of the cBaP teq results for surface samples collected exceeded the residential soil RALs.
- The total PAH levels for the surface soils, not including the background sample (SHC-SS-BK01), ranged from 389 mg/Kg to 5,355 mg/Kg.
- Furthermore, all surface samples, except the background, had benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno[1,2,3-cd]pyrene in exceedance of their respective RAL values.

### Waste Samples

Waste samples were collected inside the abandoned pit and were a representative sample of the material existent. These samples were analyzed to determine if the material inside the pit is a hazardous waste. Analytical results were compared with their RCRA Maximum Allowable Levels (MAL) and showed the following:

- Flashpoint: samples were equal to the RCRA MALs of >140 milligrams per liter (mg/L).
- pH: samples were not within the hazardous ranges, >2 and <12.5
- TCLP metals: cadmium and chromium were detected but not in exceedance of their RCRA MALs of 1 and 5 mg/L, respectively.
- TCLP pesticides/herbicides: pentachlorophenol was detected below the RCRA MAL of 297 mg/L.
- TCLP VOC: 2-butanone was detected but the concentration did not exceed the RCRA MAL of 143,000 mg/L.

### **Conclusion**

In March 2012, START conducted field sampling activities in support of the EPA and as a continuation of the site assessment conducted by GA DNR EPD in September 2005 at the former wood preserving facility named the Statesboro Highway Creosote facility. The sampling activities took place around and inside the abandoned pit and included the collection of nine soil samples (six surface soils, one duplicate, and two subsurface soils) and two waste samples from seven locations that were submitted for laboratory analysis. Sampling was conducted to determine whether soils and waste at the abandoned pit and surroundings are contaminated by former facility operations, and if the contaminant concentrations were above the RAL values and RCRA MALs. None of the waste samples showed analytical results above the

RCRA MALs, but the presence of pentachlorophenol in the pit is a concern and justifies the removal of the abandoned pit. In addition, soil samples collected around the abandoned pit were analyzed for VOCs, SVOCs including PAHs, PCBs, pesticides and metals. The samples showed PAH values significantly higher than the RAL values. Furthermore, when the PAH analytical results were calculated for carcinogenic BaP teqs, all surface soil samples, except the background location, exceeded the residential RAL of 1.5 mg/Kg significantly. The cBaP teqs exceedance for the surface samples ranged from 30.39 mg/Kg to 84.55 mg/Kg. These results are between 21 and 56 times greater than the RAL in residential soils. Also, one subsurface soil sample, SHC-SB-03, had a cBaP teq result of 1.80 mg/Kg, which exceeds the residential RAL of 1.5 mg/Kg. Sample locations are illustrated in figures in Attachment A and results were discussed above and are summarized in Attachment B Tables 2 through 4.

Further activities at the site are to be determined by EPA. If you have any questions or comments regarding this letter report or require any additional information please contact me at (678) 468-0160, or Greg Kowalski at 678-355-5550.

Sincerely,



Nairimer Berríos-Cartagena, MS  
Project Manager  
OTIE START Contract

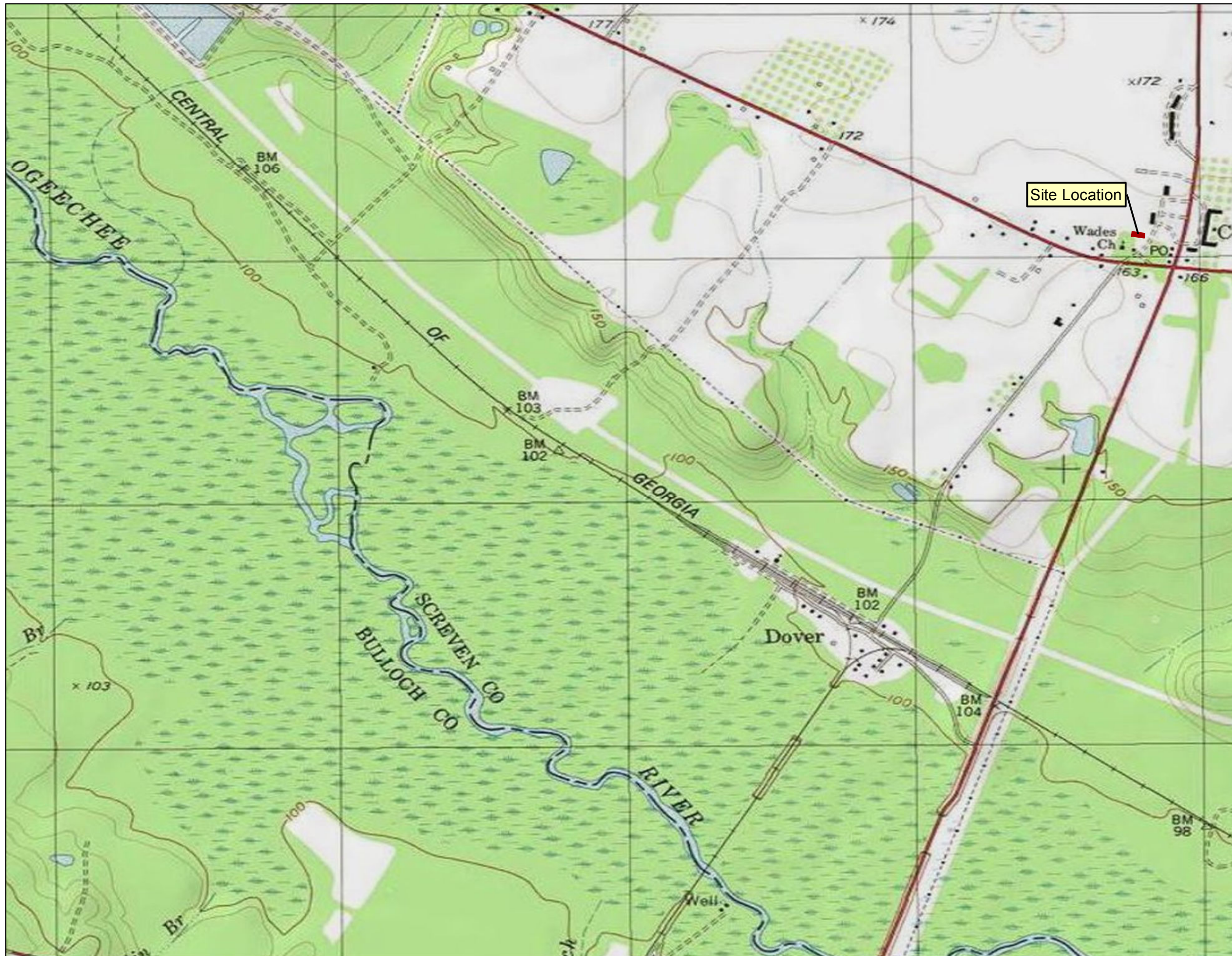
Enclosures

Attachment A	Figures
Attachment B	Tables
Attachment C	Photographic Log
Attachment D	Logbook Notes
Attachment E	Analytical Laboratory Reports (cd)
Attachment F	GA Department of Natural Resources Site Assessment Report and EPA Referral Letter

## **ATTACHMENT A**

### **FIGURES**





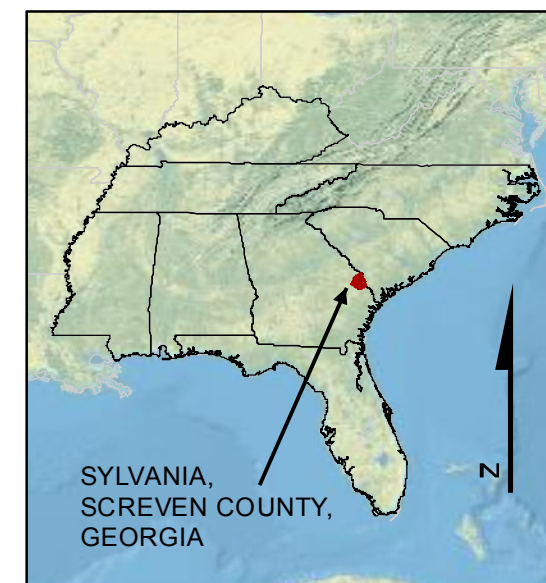
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Disclaimer: This map is intended for visual orientation use only. In no way is this map to be used for precise locational use.

## Legend

 Site Location

Feet  
0 1,250 2,500



 United States Environmental Protection Agency

STATESBORO HIGHWAY CREOSOTE  
SYLVANIA,  
SCREVEN COUNTY,  
GEORGIA  
TDD No. TNA-05-003-0160

FIGURE 1  
TOPOGRAPHICAL MAP





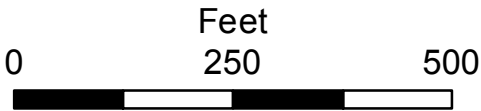



Aerial By: Bing

Disclaimer: This map is intended for visual orientation use only. In no way is this map to be used for precise locational use.

## Legend

 Site Boundary



 United States Environmental Protection Agency

STATESBORO HIGHWAY CREOSOTE  
SYLVANIA,  
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TDD No. TNA-05-003-0160



FIGURE 2  
AERIAL MAP



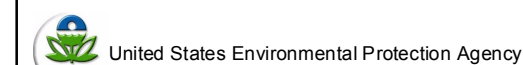
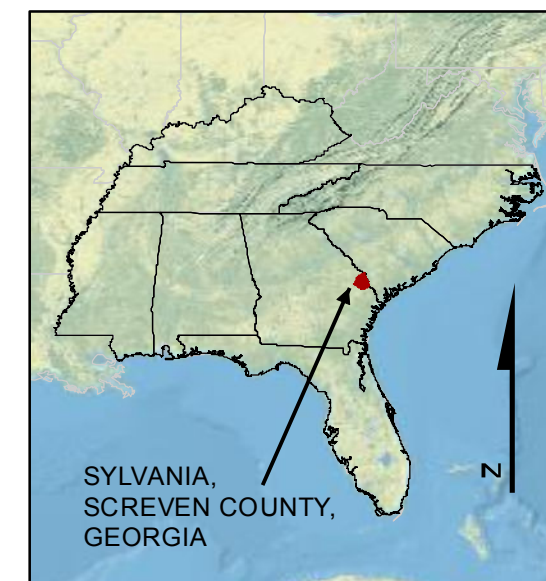




## Legend

-  Site Boundary
-  Sample Location

Notes:  
BK - Background  
SB - Subsurface Soil  
SHC - Statesboro Highway Creosote  
SS - Surface Soil

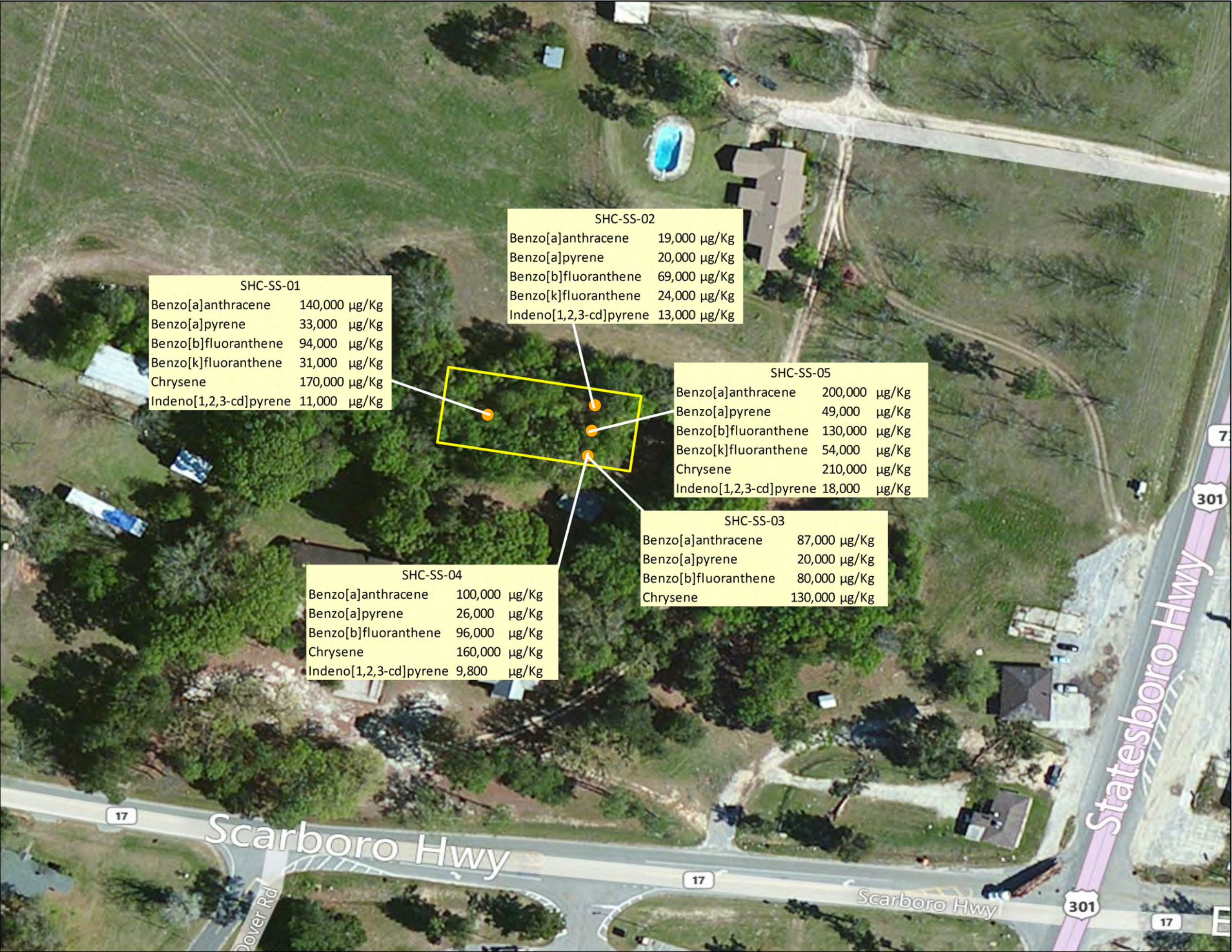


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FIGURE 3  
SAMPLE LOCATIONS MAP



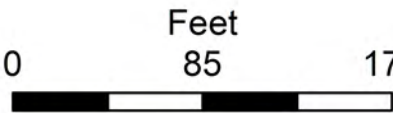




**Legend**

- Site Boundary
- Sample Location

Notes:  
SHC – Statesboro Highway Creosote  
SS – Surface Soil  
ug/Kg - Micrograms per kilogram



United States Environmental Protection Agency  
STATESBORO HIGHWAY CREOSOTE  
SYLVANIA,  
SCREVEN COUNTY,  
GEORGIA  
TDD No. TNA-05-003-0160

FIGURE 4  
SURFACE SOIL PAH  
EXCEEDANCES MAP







## Legend

● Sample Location

Notes:

BK - Background

SB - Subsurface Soil

SHC - Statesboro Highway Creosote

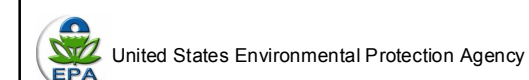
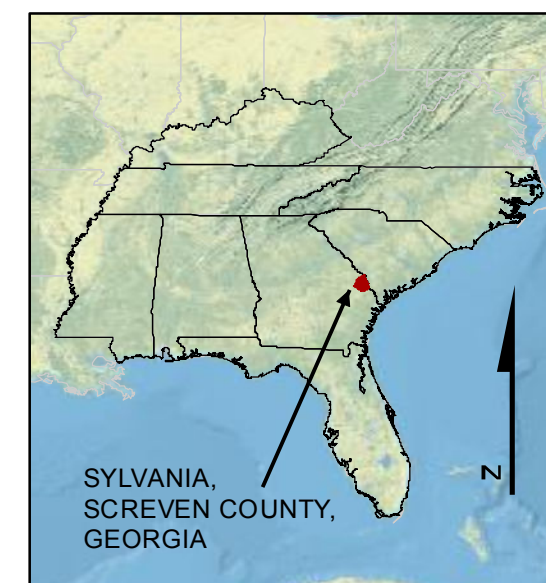
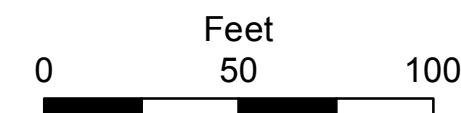
SS - Surface Soil

PAH- Polycyclic Aromatic Hydrocarbons

cBaP eq - carcinogenic Benzo(a)pyrene equivalents

U - Analyte not detected above the Method  
Detection Limit (MDL)

Results are in Milligrams per kilogram (mg/Kg)



STATESBORO HIGHWAY CREOSOTE

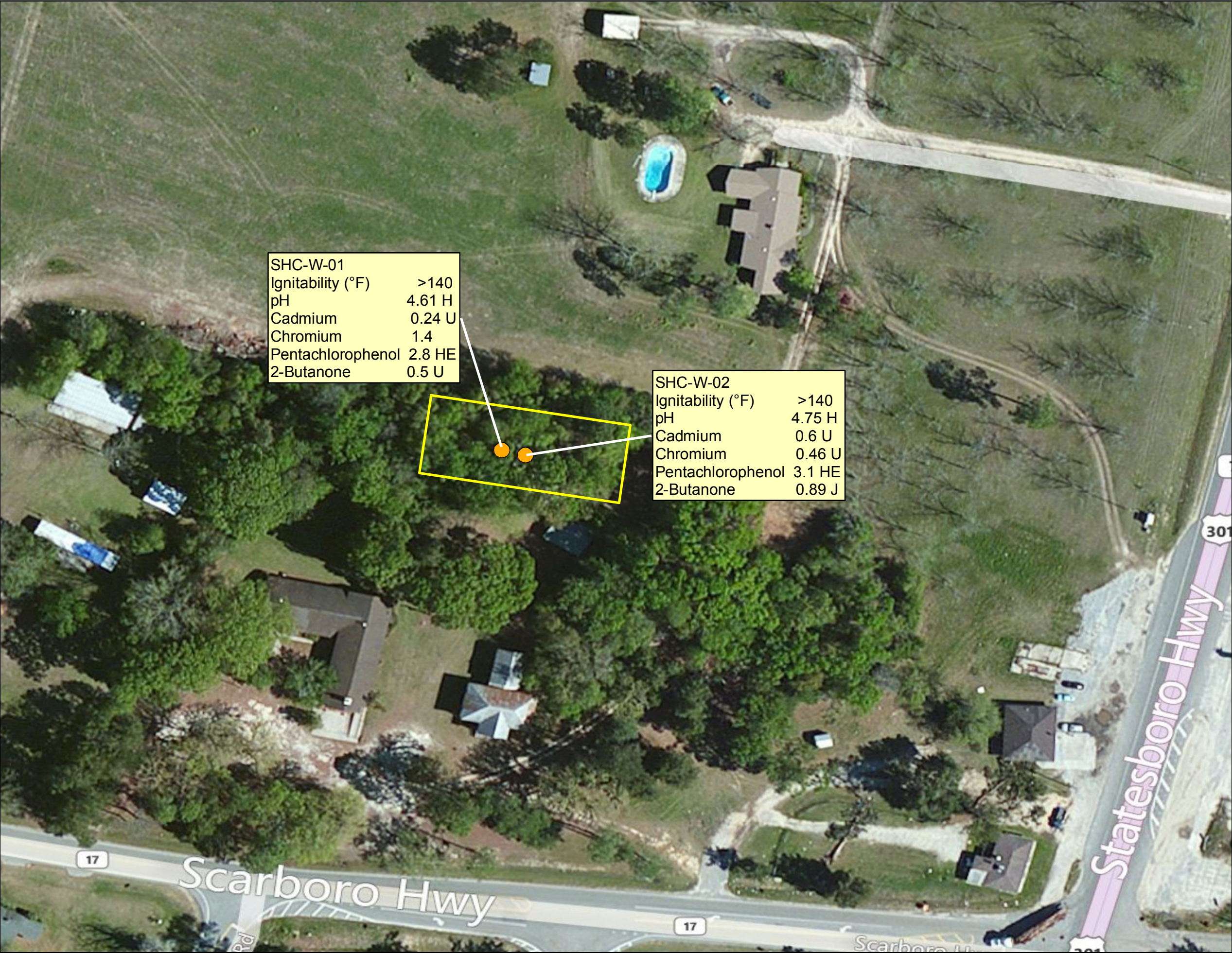
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FIGURE 5  
cBaP AND TOTAL PAH MAP



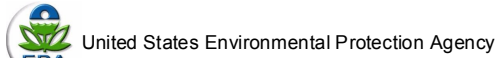
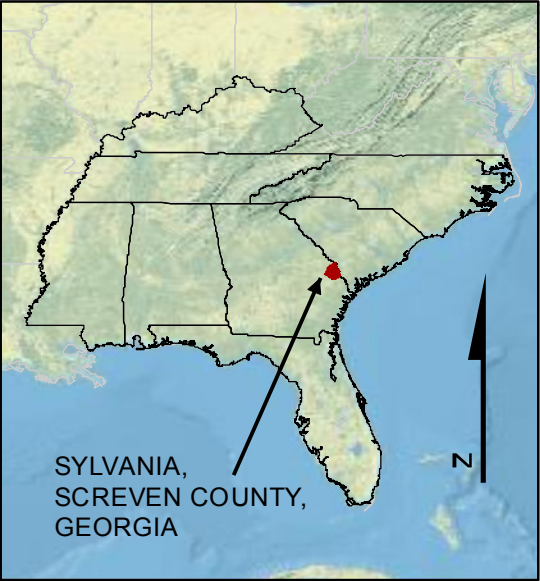
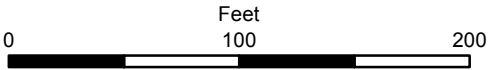




**Legend**

- Sample Boundary
- Site Boundary

Notes:  
BK - Background  
SB - Subsurface Soil  
SHC – Statesboro Highway Creosote  
SS – Surface Soil  
U - Analyte not detected above the Method Detection Limit (MDL)  
J - Value is estimated  
HE - Sample analyzed after specified holding time and result above calibration range  
Results are in Milligrams per liter (mg/L)



**STATESBORO HIGHWAY CREOSOTE**  
SYLVANIA,  
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**FIGURE 6**  
**WASTE SAMPLE RESULTS MAP**





**ATTACHMENT B**

**TABLES**

**TABLE 1**  
**STATESBORO HIGHWAY CREOSOTE**  
**SUMMARY OF SAMPLES COLLECTED**

Sample ID	Location	Latitude	Longitude	Sample Date	Matrix	Sample Type	RCRA Metals (SW846-6010C/7471A)	TCL VOC (SW846-8260B)	TCL SVOC + PAH (SW846-8270D/8270C)	PCB (SW846-8082)	Pesticides (SW846-8081B)	TCLP VOC, SVOC, PCB, Pesticides, Herbicides & Metals (SW846-8260B, 8270D & C, 8081B/8082A, 8151A and 7471B)	pH + Ignitability (SW846-1010A & 9045D)
SHC-W-01	SHCW01	-81.705509	32.592192	3/1/2012	Waste	Field sample						X	X
SHC-W-02	SHCW02	-81.705451	32.592179	3/1/2012	Waste	Field sample						X	X
SHC-BKSS-01	SHCBK	-81.704805	32.592118	3/2/2012	Surface soil	Field sample	X	X	X	X	X		
SHC-BKSB-01	SHCBK	-81.704805	32.592118	3/2/2012	Subsurface soil	Field sample	X	X	X	X	X		
SHC-SS-01	SHC02	-81.705582	32.592205	3/2/2012	Surface soil	Field sample	X	X	X	X	X		
SHC-SS-02	SHC03	-81.705310	32.592229	3/2/2012	Surface soil	Field sample	X	X	X	X	X		
SHC-SS-03	SHC04	-81.705328	32.592101	3/2/2012	Surface soil	Field sample	X	X	X	X	X		
SHC-SS-04	SHC04	-81.705328	32.592101	3/2/2012	Surface soil	Field duplicate	X	X	X	X	X		
SHC-SS-05	SHC05	-81.705318	32.592164	3/2/2012	Surface soil	Field sample	X	X	X	X	X		
SHC-SB-01	SHC01	-81.705473	32.592067	3/1/2012	Subsurface soil	Field sample	X	X	X	X	X		
SHC-SB-03	SHC05	-81.705318	32.592164	3/2/2012	Subsurface soil	Field sample	X	X	X	X	X		

**Notes:**

PAH - Polycyclic Aromatic Hydrocarbons

PCB - Polychlorinated Biphenyls

SVOC - Semivolatile Organic Compounds

VOC - Volatile Organic Compounds

TCLP - Toxicity Characteristic Leaching Procedure

**TABLE 2**  
**STATESBORO HIGHWAY CREOSOTE**  
**SUMMARY OF SURFACE SOIL ANALYTICAL RESULTS**

Sample ID	RAL Residential Soil	SHC-SS-BK01	SHC-SS-01	SHC-SS-02	SHC-SS-03	SHC-SS-04	SHC-SS-05
Location		SHCBK	SHC01	SHC02	SHC03	SHC04	SHC05
Sample Date		3/2/2012	3/2/2012	3/2/2012	3/2/2012	3/2/2012	3/2/2012
Matrix		Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Pesticides (ug/kg)							
4,4'-DDE	143000	0.21 U	3.8 U	29 J	73	94	130
4,4'-DDT	172000	0.25 U *	590	270	210	280	290
alpha-BHC	7710	0.12 U	49	2.3 U	2.2 U	2.2 U	2.2 U
delta-BHC	NL	0.14 U	45	2.7 U	2.6 U	2.6 U	2.6 U
Endosulfan I	NL	0.16 U	86	3.1 U	3 U	3 U	3 U
Endrin	187000	0.79 U	270	15 U	97	110	15 U
gamma-BHC (Lindane)	51600	0.12 U	24 J	2.3 U	2.2 U	2.2 U	20 J
VOC (ug/kg)							
2-Butanone	143000000	6.7 J	11 J	6.3 J	12 J	13 J	NA
Acetone	474000000	51	110	51	84	100	NA
Methyl acetate	NL	8.1	18	6.7 J	16	22	NA
Toluene	35400000	0.68 U	1 J	0.85 U	0.95 U	1.1 J	NA
SVOC (ug/kg)							
Acenaphthene	34900000	45 U	73000	4200 U	38000 J	48000 J	370000
Acenaphthylene	NL	39 U	7300 U	3700 U	7300 U	7300 U	19000 J
Anthracene	175000000	27 U	160000	11000 J	35000 J	42000 J	140000 J
Benzo[a]anthracene	8980	29 U	140000	19000 J	87000	100000	200000
Benzo[a]pyrene	1480	57 U	33000 J	20000 J	20000 J	26000 J	49000 J
Benzo[b]fluoranthene	8980	41 U	94000	69000	80000	96000	130000 J
Benzo[g,h,i]perylene	NL	24 U	9800 J	9900 J	8400 J	9800 J	17000 J
Benzo[k]fluoranthene	8980	71 U	31000 J	24000 J	13000 U	13000 U	54000 J
Carbazole	NL	33 U	19000 J	3100 U	16000 J	20000 J	28000 J
Chrysene	89800	23 U	170000	48000	130000	160000	210000
Dibenzofuran	NL	36 U	31000 J	3400 U	18000 J	23000 J	200000
Fluoranthene	23300000	35 U	1200000	62000	760000	870000	1800000
Fluorene	23300000	39 U	46000 J	3700 U	19000 J	26000 J	200000
Indeno[1,2,3-cd]pyrene	8980	30 U	11000 J	13000 J	8400 J	9800 J	18000 J
Phenanthrene	NL	29 U	150000	5300 J	100000	130000	820000
Pyrene	17500000	29 U	710000	90000	490000	570000	1100000
Total PAH (mg/kg)	NL	0.587 U	2885.1	389.3	1830.1	2150.9	5355
BaPTEQ (mg/kg)	1.5	0.067733 U	57.98	30.388	37.8	46.87	84.55

**TABLE 2**  
**STATESBORO HIGHWAY CREOSOTE**  
**SUMMARY OF SURFACE SOIL ANALYTICAL RESULTS**

Sample ID	RAL Residential Soil	SHC-SS-BK01	SHC-SS-01	SHC-SS-02	SHC-SS-03	SHC-SS-04	SHC-SS-05
Location		SHCBK	SHC01	SHC02	SHC03	SHC04	SHC05
Sample Date		3/2/2012	3/2/2012	3/2/2012	3/2/2012	3/2/2012	3/2/2012
Matrix		Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil	Surface Soil
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
Metals, Total (mg/kg)							
Arsenic	38.9	1.3 J	2.1	1.8 J	2.3	2.4	2
Barium	164000	18	45	28	33	34	27
Chromium	NL	3.6	5.2	5.7	8	9.3	7.4
Lead	400	5.2	27	10	19	20	6.3
Mercury	20	0.015 J	0.047	0.05	0.066	0.069	0.044

**Notes:**

SHC - Statesboro Hwy Creosote

**Bold and shaded -** Value exceeds the associated EPA Removal Action Level (RAL)

**bold -** Analyte was detected above the MDL

J - Value is estimated

mg/kg - Milligrams per kilogram

NA - Not analyzed

NL - No limit established

SVOC - Semivolatile Organic Compounds

U - Analyte not detected above the Method Detection Limit (MDL)

ug/kg - Micrograms per kilogram

VOC - Volatile Organic Compounds

**TABLE 3**  
**STATESBORO HIGHWAY CREOSOTE**  
**SUMMARY OF SUBSURFACE SOIL ANALYTICAL RESULTS**

Sample ID	RAL Residential Soil	SHC-SB-BK-01	SHC-SB-01	SHC-SB-03
Location		SHCBK	SHC01	SHC03
Sample Date		3/2/2012	3/1/2012	3/2/2012
Matrix		Subsurface Soil	Subsurface Soil	Subsurface Soil
Sample Type		Field Sample	Field Sample	Field Sample
Pesticides (ug/kg)				
4,4'-DDE	143000	0.22 U	0.21 U	0.83 U
4,4'-DDT	172000	0.26 U	0.25 U	10 J
alpha-BHC	7710	0.13 U	0.12 U	0.48 U
delta-BHC	NL	0.15 U	0.14 U	0.57 U
Endosulfan I	NL	0.17 U	0.16 U	0.66 U
Endrin	187000	0.84 U	0.79 U	3.2 U
gamma-BHC (Lindane)	51600	0.13 U	0.12 U	0.48 U
VOC (ug/kg)				
2-Butanone	143000000	2.5 U	2.8 U	2.8 U
Acetone	474000000	12 J	19 J	15 J
Methyl acetate	NL	5.1 U	5.8 U	5.8 U
Toluene	35400000	0.86 U	0.98 U	0.98 U
SVOC (ug/kg)				
Acenaphthene	34900000	47 U	45 U	3300 J
Acenaphthylene	NL	41 U	39 U	390 U
Anthracene	175000000	29 U	27 U	2100 J
Benzo[a]anthracene	8980	31 U	30 U	3500 J
Benzo[a]pyrene	1480	60 U	57 U	1100 J
Benzo[b]fluoranthene	8980	44 U	42 U	2900 J
Benzo[g,h,i]perylene	NL	25 U	24 U	490 J
Benzo[k]fluoranthene	8980	75 U	71 U	1300 J
Carbazole	NL	34 U	33 U	960 J
Chrysene	89800	24 U	23 U	3800
Dibenzofuran	NL	38 U	36 U	2100 J
Fluoranthene	23300000	37 U	48 J	28000
Fluorene	23300000	41 U	39 U	1900 J
Indeno[1,2,3-cd]pyrene	8980	32 U	31 U	480 J
Phenanthrene	NL	31 U	30 U	18000
Pyrene	17500000	31 U	84 J	19000
Total PAH (mg/kg)	NL	0.62 U	0.659 J	89.32
BaPTEQ (mg/kg)	1.5	0.071474 U	0.068033 J	1.8048
Metals, Total (mg/kg)				
Arsenic	38.9	4.6	4.8	3.3
Barium	164000	24	32	27
Chromium	NL	22	28	22
Lead	400	8.6	9.5	8.2
Mercury	20	0.03	0.042	0.032

**TABLE 3**  
**STATESBORO HIGHWAY CREOSOTE**  
**SUMMARY OF SUBSURFACE SOIL ANALYTICAL RESULTS**

**Notes:**

SHC - Statesboro Hwy Creosote

**Bold and shaded** - Value exceeds the associated EPA Removal Action Level (RAL)

**bold** - Analyte was detected above the MDL

J - Value is estimated

mg/kg - Milligrams per kilogram

NA - Not analyzed

NL - No limit established

SVOC - Semivolatile Organic Compounds

U - Analyte not detected above the Method Detection Limit (MDL)

ug/kg - Micrograms per kilogram

VOC - Volatile Organic Compounds



**TABLE 4**  
**STATESBORO HIGHWAY CREOSOTE**  
**SUMMARY OF WASTE ANALYTICAL RESULTS**

Sample ID	RCRA Maximum Allowable Levels	SHC-W-01	SHC-W-02
Location		SHCW01	SHCW02
Sample Date		3/1/2012	3/1/2012
Matrix		Waste	Waste
Sample Type		Field Sample	Field Sample
Wet Chemistry			
Flashpoint (°F)	> 140	>140	>140
pH	> 2.0 and <12.5	4.61 H	4.75 H
Metals, TCLP (mg/L)			
Cadmium	1	0.24 U	0.6
Chromium	5	1.4	0.46 U
Herbicides, TCLP (mg/L)			
Pentachlorophenol	297	2.8 H E	3.1 H E
VOC, TCLP (mg/L)			
2-Butanone	143000	0.5 U	0.89 J

**Notes:**

- SHC - Statesboro Hwy Creosote
- bold** - Analyte was detected above the MDL
- J - Value is estimated
- mg/L - Milligrams per liter
- RCRA - Resource Conservation and Recovery Act
- TCLP - Toxicity Characteristic Leaching Procedure
- U - Analyte not detected above the Method Detection Limit (MDL)
- VOC - Volatile Organic Compounds
- HE - Sample was prepped or analyzed beyond the specified holding time and the result exceeded calibration range

**ATTACHMENT C**  
**PHOTOGRAPHIC LOG**



**Official Photograph No. 1**

**Site Name:** Statesboro Hwy Creosote      **Date:** March 1, 2012  
**Location:** Statesboro, GA      **TDD No:** TNA-05-003-0160  
**Photographer:** Nairimer Berríos  
**Subject:** Dirt road leading to the former wood preserving facility, facing west.



**Official Photograph No. 2**

**Site Name:** Statesboro Hwy Creosote      **Date:** March 1, 2012  
**Location:** Statesboro, GA      **TDD No:** TNA-05-003-0160  
**Photographer:** Nairimer Berríos  
**Subject:** View of the former wood preserving processing area; facing west.





**Official Photograph No. 3**

**Site Name:** Statesboro Hwy Creosote      **Date:** March 1, 2012  
**Location:** Statesboro, GA      **TDD No:** TNA-05-003-0160  
**Photographer:** Nairimer Berríos  
**Subject:** Processing area of former wood preserving facility, covered pit.



**Official Photograph No. 4**

**Site Name:** Statesboro Hwy Creosote      **Date:** March 1, 2012  
**Location:** Statesboro, GA      **TDD No:** TNA-05-003-0160  
**Photographer:** Nairimer Berríos  
**Subject:** Pit at former processing area, facing west.



**Official Photograph No. 5**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Pit at former processing area, facing east. Sample location SHC-W01.



**Official Photograph No. 6**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Waste still present at the former processing area pit. Sample location SHC-W2.





**Official Photograph No. 7 & 8**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Sample location SHC-SB-01; south side of the pit.





**Official Photograph No. 9 & 10**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Background location collected at 300 feet up-gradient (east) from the pit; samples SHC-BKSS-01 and SHC-BKSB-01.





**Official Photograph No. 11**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Sample location SHC-SS-01 facing east.



**Official Photograph No. 12**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Sample location SHC-SS-02 facing west.





**Official Photograph No. 13 & 14**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Sample location SHC-SS-03 (and duplicate SHC-SS-04) facing north.





**Official Photograph No. 15**

**Site Name:** Statesboro Hwy Creosote

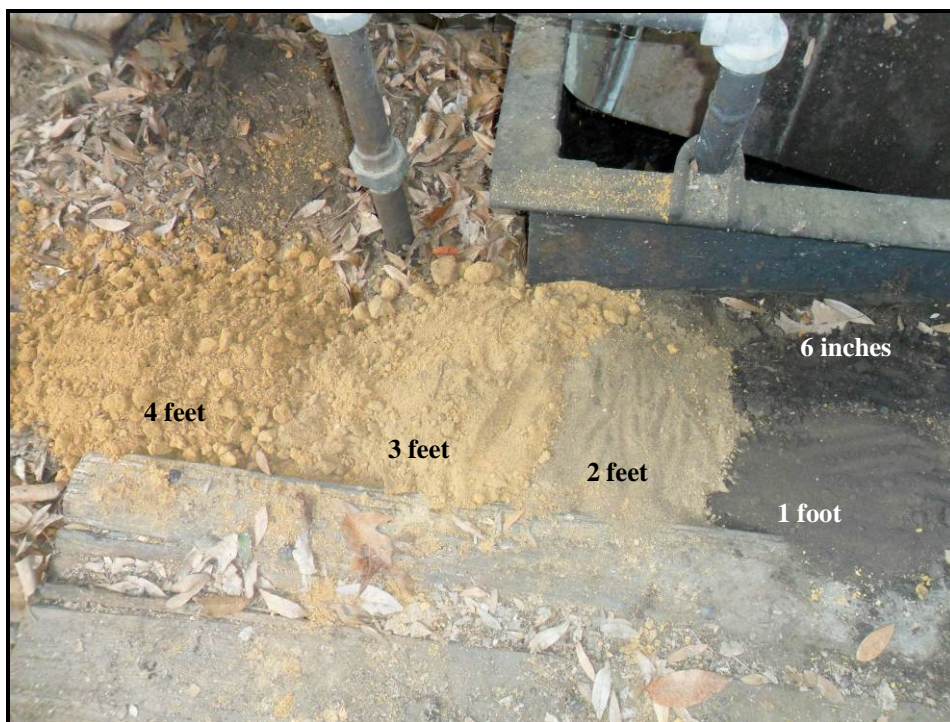
**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Sample locations SHC-SS-05 and SHC-SB-03 facing west.



**Official Photograph No. 16**

**Site Name:** Statesboro Hwy Creosote

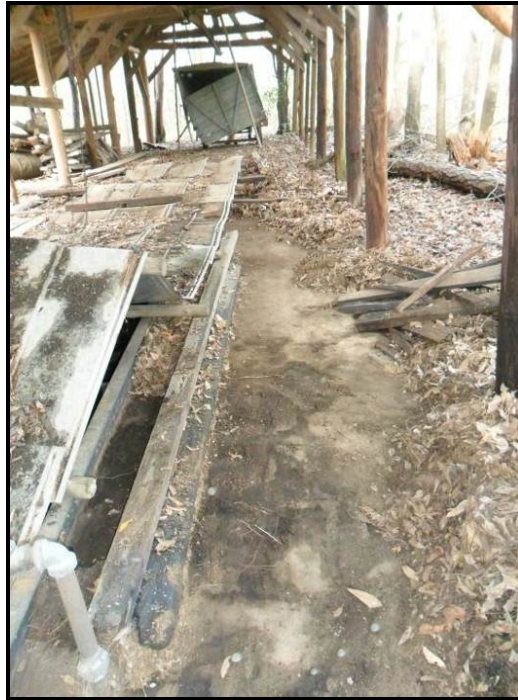
**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Sample locations SHC-SS-05/SB-03 soil difference by footage.



**Official Photograph No. 17**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Stained soil at right side of the pit of to the former wood preserving processing area; facing west.



**Official Photograph No. 18**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Weighting area adjacent to the former wood preserving processing area; facing south.





**Official Photograph No. 19**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Staging area adjacent to the former wood preserving processing facility.



**Official Photograph No. 20**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Empty abandoned drums southwest from former wood preserving facility.





**Official Photograph No. 21**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

**Subject:** Empty abandoned drums west from former wood preserving facility.



**Official Photograph No. 22**

**Site Name:** Statesboro Hwy Creosote

**Date:** March 1, 2012

**Location:** Statesboro, GA

**TDD No:** TNA-05-003-0160

**Photographer:** Nairimer Berríos

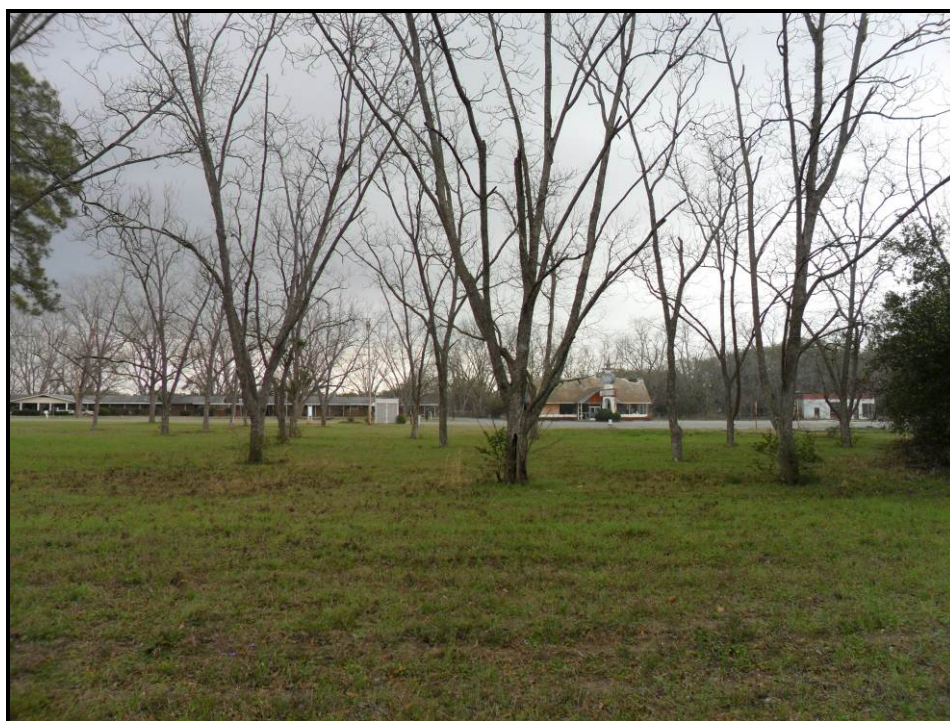
**Subject:** View of former wood preserving facility facing east.





**Official Photograph No. 23**

**Site Name:** Statesboro Hwy Creosote      **Date:** March 1, 2012  
**Location:** Statesboro, GA      **TDD No:** TNA-05-003-0160  
**Photographer:** Nairimer Berríos  
**Subject:** View of the parcel owner's residence facing southwest.



**Official Photograph No. 23**

**Site Name:** Statesboro Hwy Creosote      **Date:** March 1, 2012  
**Location:** Statesboro, GA      **TDD No:** TNA-05-003-0160  
**Photographer:** Nairimer Berríos  
**Subject:** View of Statesboro Hwy facing east from former wood preserving facility.

**ATTACHMENT D**  
**LOGBOOK NOTES**

**Outdoor writing products  
for Outdoor writing people**



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this product are recyclable

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*Rite in the Rain.*

**ALL-WEATHER  
UNIVERSAL**

No 371

Statesboro Hwy Cresoke St  
TVA-05-003-0160



3/1/12

weather: 68°F and thunder storm.

0430: STARTR mobilizing to Sylvania, GA

0830: STARTR arrived to the hotel area to calibrate equipment and set up the Trimble

0930: STARTR communicated to OSC-Maren Buertki status of instruments and coordinated time to meet onsite.

STARTR will arrive onsite at 1230 hours.

1130: STARTR on site (close by looking for the entrance that leads to the abandoned shed)

1200: STARTR located the abandoned shed, took pictures of shed and surroundings

\* property owners are Jeffers family; the two residences facing Stateboro Hwy pertain to the Jeffers family as well as the shed's area.

note: Downgradient in this area is south-east of the site; Simmons Branch is the closest water body followed by the Ogeechee River.

1210: STARTR approached Sandra Jeffers

3/1/12

at 1447h Stateboro Hwy residence to advise of the visit of EPA & contractor to collect additional samples of wet like container of the shed and surrounding soils.

note: STARTR asked Mrs. Jeffers about existing ditches, well and possible active irrigation systems within the property. Mrs. Jeffers informed they possess two well for drinking water (beated upgradation no ditches and no irrigation systems.

1402: STARTR trying to get satellite signals in the GPS unit (Trimble); weather is thunder storms and heavy rain

1434: STARTR collecting coordinates at the shed and surrounding properties.

1512: EPA arrived to the site and discussed logistics with STARTR

1513: STARTR preparing to collect waste from abandoned shed pit (large)

1518: ~~SC~~ SHC-001 collected <sup>gross</sup> odors

1604: SHC-002 collected

1623: STARTR auguring at south side of shed pit; between pit and dry well

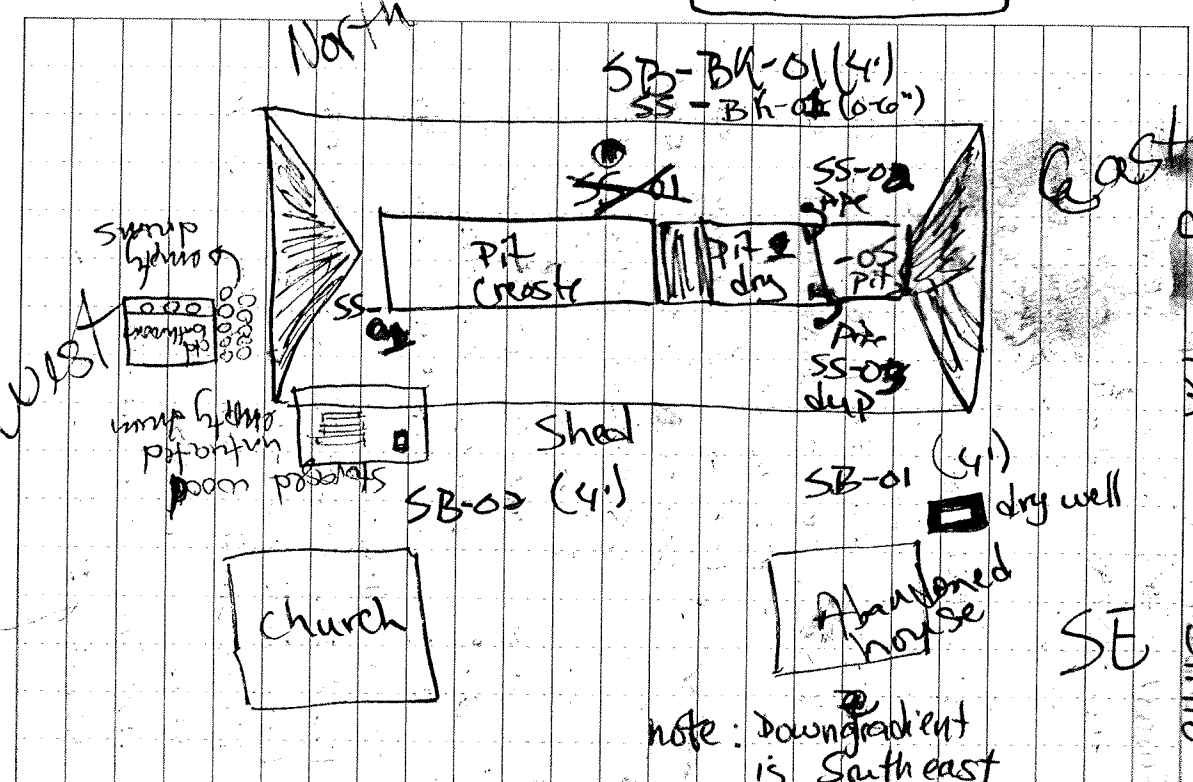
Scale: 1 square =

North is the River

~~State of Pennsylvania~~  
 State of Pennsylvania  
 3/11/13

1630: START of EPA auguring at location previous by describe  
 0-6" dark grey silty sand  
 6-1" light grey light yellow sandy soil  
 1-2' yellow light orange sandy clay  
 2-3' light orange sandy clay  
 3-4' light orange dark orange sandy clay  
 4-6' - orange sandy clay + pebbles  
 no odors detected  
 1658: START and EPA auguring at 2nd location south east from 1st location  
 0-6" silty sand dark grey/brown  
 6-1' silty sand light brown  
 1-2' orange sand 1 qt  
 2-3' orange sand / little self  
 3-4' orange + red spots of sandy clay  
 no odors detected  
 1719: START collecting sample site-SB-01  
 1755: START and EPA auguring around the shed (surface locations) to determine sample locations  
 SB-02 been augured  
 1810: SB-02 collected, but not processed

6476 Residence



State of Pennsylvania  
 3/11/13



in front of Q172

START finished sample processing

*Life in the Rain.*

57

the Cal bagbook.

5505	6.2	0
------	-----	---

fixing complete

1. *Handwritten signature*

3/5/12

cale: 1 square =

Wife in the Hair



**ATTACHMENT E**  
**LABORATORY ANALYTICAL REPORTS**  
**(CLP Results on CD)**

# 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: 680-77386-1

TestAmerica Sample Delivery Group: 68077386

Client Project/Site: Statesboro Hwy Creosote

Revision: 1

For:

Oneida Total Integrated Enterprises LLC

1220 Kennestone Circle

Suite 106

Marietta, Georgia 30060

Attn: Ms. Keely Meadows



Authorized for release by:

3/30/2012 6:15:55 PM

Linda Wolfe

Project Manager I

[linda.wolfe@testamericainc.com](mailto:linda.wolfe@testamericainc.com)

Designee for

Abbie Yant

Project Manager I

[abbie.yant@testamericainc.com](mailto:abbie.yant@testamericainc.com)

### LINKS

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*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.*

1

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## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Job ID: 680-77386-1**

**Laboratory: TestAmerica Savannah**

### Narrative

## CASE NARRATIVE

**Client: Oneida Total Integrated Enterprises LLC**

**Project: Statesboro Hwy Creosote**

**Report Number: 680-77386-1**

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 03/06/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.4 C.

Due to laboratory error, samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were originally analyzed for TCLP Volatiles only. A full TCLP suite was performed outside of holding time for semivolatiles, pesticides, herbicides and mercury. The metals were within holding time.

### TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 03/08/2012 and analyzed on 03/12/2012.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

### VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SHC-SS-BK01 (680-77386-1), SHC-SB-BK-01 (680-77386-2), SHC-SB-01 (680-77386-3), SHC-SB-03 (680-77386-4), SHC-SS-01 (680-77386-5), SHC-SS-02 (680-77386-6), SHC-SS-03 (680-77386-7) and SHC-SS-04 (680-77386-8) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/06/2012 and analyzed on 03/13/2012 and 03/15/2012.

1,2,4-Trichlorobenzene was detected in method blank MB 680-231383/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". 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.

2-Butanone failed the recovery criteria high for LCSD 680-231658/5. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

### SEMIVOLATILE ORGANIC COMPOUNDS (SOLID)

Samples SHC-SS-BK01 (680-77386-1), SHC-SB-BK-01 (680-77386-2), SHC-SB-01 (680-77386-3), SHC-SB-03 (680-77386-4),

## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

### Job ID: 680-77386-1 (Continued)

#### Laboratory: TestAmerica Savannah (Continued)

SHC-SS-01 (680-77386-5), SHC-SS-02 (680-77386-6), SHC-SS-03 (680-77386-7), SHC-SS-04 (680-77386-8) and SHC-SS-05 (680-77386-9) were analyzed for Semivolatile Organic Compounds (Solid) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 03/09/2012 and analyzed on 03/15/2012, 03/19/2012 and 03/20/2012.

4-Chloroaniline and Benzaldehyde failed the recovery criteria low for LCS 680-231132/14-A. Refer to the QC report for details.

4-Chloroaniline failed the recovery criteria low for the MS of sample SHC-SB-01MS (680-77386-3) in batch 680-231911.

Refer to the QC report for details.

Samples SHC-SB-03 (680-77386-4)[10X], SHC-SS-01 (680-77386-5)[200X], SHC-SS-02 (680-77386-6)[100X], SHC-SS-03 (680-77386-7) [200X], SHC-SS-04 (680-77386-8)[200X] and SHC-SS-05 (680-77386-9)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Semivolatile Organic Compounds (Solid) analyses.

All other quality control parameters were within the acceptance limits.

#### PESTICIDES AND PCBs

Samples SHC-SS-BK01 (680-77386-1), SHC-SB-BK-01 (680-77386-2), SHC-SB-01 (680-77386-3), SHC-SB-03 (680-77386-4), SHC-SS-01 (680-77386-5), SHC-SS-02 (680-77386-6), SHC-SS-03 (680-77386-7), SHC-SS-04 (680-77386-8) and SHC-SS-05 (680-77386-9) were analyzed for Pesticides and PCBs in accordance with EPA SW-846 Method 8081B\_8082A. The samples were prepared on 03/07/2012 and analyzed on 03/18/2012.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

4,4'-DDT failed the recovery criteria low for LCS 680-230804/11-A. Refer to the QC report for details.

Several analytes failed the recovery criteria high for the MSD of sample SHC-SB-BK-01MSD (680-77386-2) in batch 680-232194. Dieldrin, Endrin aldehyde, Heptachlor and Methoxychlor exceeded the rpd limit.

Refer to the QC report for details.

Samples SHC-SB-03 (680-77386-4)[4X], SHC-SS-01 (680-77386-5)[20X], SHC-SS-02 (680-77386-6)[20X], SHC-SS-03 (680-77386-7) [20X], SHC-SS-04 (680-77386-8)[20X] and SHC-SS-05 (680-77386-9)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

All other quality control parameters were within the acceptance limits.

#### METALS (ICP)

Samples SHC-SS-BK01 (680-77386-1), SHC-SB-BK-01 (680-77386-2), SHC-SB-01 (680-77386-3), SHC-SB-03 (680-77386-4), SHC-SS-01 (680-77386-5), SHC-SS-02 (680-77386-6), SHC-SS-03 (680-77386-7), SHC-SS-04 (680-77386-8) and SHC-SS-05 (680-77386-9) were analyzed for Metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 03/07/2012 and analyzed on 03/09/2012.

Chromium failed the recovery criteria high for the MS/MSD of sample SHC-SB-BK-01 (680-77386-2) in batch 680-231032.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.



## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

### Job ID: 680-77386-1 (Continued)

#### Laboratory: TestAmerica Savannah (Continued)

##### TOTAL MERCURY

Samples SHC-SS-BK01 (680-77386-1), SHC-SB-BK-01 (680-77386-2), SHC-SB-01 (680-77386-3), SHC-SB-03 (680-77386-4), SHC-SS-01 (680-77386-5), SHC-SS-02 (680-77386-6), SHC-SS-03 (680-77386-7), SHC-SS-04 (680-77386-8) and SHC-SS-05 (680-77386-9) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 03/13/2012 and analyzed on 03/19/2012.

Mercury failed the recovery criteria high for the MS of sample SHC-SB-BK-01MS (680-77386-2) in batch 680-231878.

Refer to the QC report for details.

No other difficulties were encountered during the mercury analyses.

All other quality control parameters were within the acceptance limits.

##### TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for TCLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8270C. The samples were leached on 03/26/2012, and prepared and analyzed on 03/27/2012.

No difficulties were encountered during the TCLP Semivolatiles analyses.

All quality control parameters were within the acceptance limits.

##### PESTICIDES (TCLP)

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for Pesticides (TCLP) in accordance with EPA SW846 Methods 1311 / 8081B. The samples were leached on 03/26/2012, prepared on 03/27/2012 and analyzed on 03/30/2012.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

##### PCBS

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for PCBs in accordance with EPA SW846 Method 8082A. The samples were prepared on 03/27/2012 and analyzed on 03/29/2012.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

##### HERBICIDES (TCLP)

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for Herbicides (TCLP) in accordance with EPA SW-846 Methods 1311/ 8151A. The samples were leached on 03/26/2012, prepared on 03/27/2012 and analyzed on 03/29/2012.

This method incorporates 2nd column confirmation. Corrective action is not taken for surrogate/spike compounds unless results from both columns are unacceptable. Results outside criteria are qualified.

No difficulties were encountered during the herbicides analyses.

## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

### Job ID: 680-77386-1 (Continued)

#### Laboratory: TestAmerica Savannah (Continued)

All quality control parameters were within the acceptance limits.

#### TCLP METALS

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for TCLP Metals in accordance with SW846 1311. The samples were leached on 03/26/2012, prepared on 03/27/2012 and analyzed on 03/28/2012.

No difficulties were encountered during the TCLP Metals analyses.

All quality control parameters were within the acceptance limits.

#### MERCURY - TCLP

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for mercury - TCLP in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 03/26/2012, and prepared and analyzed on 03/27/2012.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

#### IGNITABILITY

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for ignitability in accordance with EPA SW846 Method 1010A. The samples were analyzed on 03/27/2012.

No difficulties were encountered during the ignitability analyses.

All quality control parameters were within the acceptance limits.

#### CORROSIVITY (PH)

Samples SHC-W-01 (680-77386-10) and SHC-W-02 (680-77386-11) were analyzed for corrosivity (pH) in accordance with EPA SW-846 Method 9045D. The samples were analyzed on 03/26/2012.

No difficulties were encountered during the pH analyses.

All quality control parameters were within the acceptance limits.

#### PERCENT SOLIDS/MOISTURE

Samples SHC-SS-BK01 (680-77386-1), SHC-SB-BK-01 (680-77386-2), SHC-SB-01 (680-77386-3), SHC-SB-03 (680-77386-4), SHC-SS-01 (680-77386-5), SHC-SS-02 (680-77386-6), SHC-SS-03 (680-77386-7), SHC-SS-04 (680-77386-8) and SHC-SS-05 (680-77386-9) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 03/06/2012.

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

All quality control parameters were within the acceptance limits.

## Sample Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-77386-1	SHC-SS-BK01	Solid	03/02/12 07:45	03/06/12 09:23
680-77386-2	SHC-SB-BK-01	Solid	03/02/12 08:40	03/06/12 09:23
680-77386-3	SHC-SB-01	Solid	03/01/12 17:19	03/06/12 09:23
680-77386-4	SHC-SB-03	Solid	03/02/12 11:35	03/06/12 09:23
680-77386-5	SHC-SS-01	Solid	03/02/12 09:20	03/06/12 09:23
680-77386-6	SHC-SS-02	Solid	03/02/12 09:45	03/06/12 09:23
680-77386-7	SHC-SS-03	Solid	03/02/12 10:20	03/06/12 09:23
680-77386-8	SHC-SS-04	Solid	03/02/12 10:28	03/06/12 09:23
680-77386-9	SHC-SS-05	Solid	03/02/12 11:20	03/06/12 09:23
680-77386-10	SHC-W-01	Waste	03/01/12 15:48	03/06/12 09:23
680-77386-11	SHC-W-02	Waste	03/01/12 16:04	03/06/12 09:23



## Method Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
6010C	Metals (ICP)	SW846	TAL SAV
7471A	Mercury (CVAA)	SW846	TAL SAV
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL SAV
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL SAV
9045D	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 SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

## Definitions/Glossary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

### 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.
*	LCS or LCSD exceeds the control limits

#### GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
H	Sample was prepped or analyzed beyond the specified holding time
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

#### GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits
H	Sample was prepped or analyzed beyond the specified holding time
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
E	Result exceeded calibration range.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
F	MS or MSD exceeds the control limits
F	RPD of the MS and 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.

#### Metals

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

#### General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

### 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)

# Definitions/Glossary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)

1
2
3
4
5
6
7
8
9
10
11
12



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-BK01**

**Lab Sample ID: 680-77386-1**

**Date Collected: 03/02/12 07:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.1	U	4.1	0.77	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Chloromethane	4.1	U	4.1	0.81	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Vinyl chloride	4.1	U	4.1	1.2	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Bromomethane	4.1	U	4.1	1.2	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Chloroethane	4.1	U	4.1	2.2	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Trichlorofluoromethane	4.1	U	4.1	0.98	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,1-Dichloroethene	4.1	U	4.1	1.2	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	4.1	U	4.1	1.1	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Acetone	51		41	9.0	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Carbon disulfide	4.1	U	4.1	0.90	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Methyl acetate	8.1		8.1	4.1	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Methylene Chloride	4.1	U	4.1	0.80	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
trans-1,2-Dichloroethene	4.1	U	4.1	0.51	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Methyl tert-butyl ether	8.1	U	8.1	0.81	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,1-Dichloroethane	4.1	U	4.1	0.90	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
cis-1,2-Dichloroethene	4.1	U	4.1	1.1	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
2-Butanone	6.7	J	20	2.0	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Chloroform	4.1	U	4.1	0.90	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,1,1-Trichloroethane	4.1	U	4.1	0.48	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Cyclohexane	8.1	U	8.1	1.1	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Carbon tetrachloride	4.1	U	4.1	0.68	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Benzene	4.1	U	4.1	0.59	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,2-Dichloroethane	4.1	U	4.1	0.90	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Trichloroethene	4.1	U	4.1	1.1	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Methylcyclohexane	8.1	U	8.1	0.70	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,2-Dichloropropane	4.1	U	4.1	0.70	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Bromodichloromethane	4.1	U	4.1	0.79	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
cis-1,3-Dichloropropene	4.1	U	4.1	0.68	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
4-Methyl-2-pentanone	20	U	20	3.4	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Toluene	4.1	U	4.1	0.68	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
trans-1,3-Dichloropropene	4.1	U	4.1	0.71	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,1,2-Trichloroethane	4.1	U	4.1	1.1	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Tetrachloroethene	4.1	U	4.1	1.5	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
2-Hexanone	20	U	20	2.7	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Dibromochloromethane	4.1	U	4.1	1.4	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,2-Dibromoethane	4.1	U	4.1	1.2	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Chlorobenzene	4.1	U	4.1	0.78	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Ethylbenzene	4.1	U	4.1	1.1	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Xylenes, Total	8.1	U	8.1	0.90	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Styrene	4.1	U	4.1	0.76	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Bromoform	4.1	U	4.1	1.2	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
Isopropylbenzene	4.1	U	4.1	1.5	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,1,2,2-Tetrachloroethane	4.1	U	4.1	1.3	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,3-Dichlorobenzene	4.1	U	4.1	1.3	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,4-Dichlorobenzene	4.1	U	4.1	0.60	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,2-Dichlorobenzene	4.1	U	4.1	1.1	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,2-Dibromo-3-Chloropropane	8.1	U	8.1	3.6	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1
1,2,4-Trichlorobenzene	4.1	U	4.1	0.72	ug/Kg	☆	03/06/12 11:10	03/13/12 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	83		65 - 130	03/06/12 11:10	03/13/12 18:25	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-BK01**

**Lab Sample ID: 680-77386-1**

**Date Collected: 03/02/12 07:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.8**

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		65 - 130	03/06/12 11:10	03/13/12 18:25	1
Dibromofluoromethane	102		65 - 130	03/06/12 11:10	03/13/12 18:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	360	U *	360	63	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Phenol	360	U	360	37	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Bis(2-chloroethyl)ether	360	U	360	49	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2-Chlorophenol	360	U	360	43	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2-Methylphenol	360	U	360	29	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
bis (2-chloroisopropyl) ether	360	U	360	33	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Acetophenone	360	U	360	30	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
3 & 4 Methylphenol	360	U	360	47	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
N-Nitrosodi-n-propylamine	360	U	360	35	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Hexachloroethane	360	U	360	30	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Nitrobenzene	360	U	360	28	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Isophorone	360	U	360	36	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2-Nitrophenol	360	U	360	45	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2,4-Dimethylphenol	360	U	360	48	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Bis(2-chloroethoxy)methane	360	U	360	42	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2,4-Dichlorophenol	360	U	360	38	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Naphthalene	360	U	360	33	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
4-Chloroaniline	720	U *	720	57	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Hexachlorobutadiene	360	U	360	39	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Caprolactam	360	U	360	72	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
4-Chloro-3-methylphenol	360	U	360	38	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2-Methylnaphthalene	360	U	360	41	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Hexachlorocyclopentadiene	360	U	360	45	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2,4,6-Trichlorophenol	360	U	360	32	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2,4,5-Trichlorophenol	360	U	360	38	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
1,1'-Biphenyl	360	U	360	800	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2-Chloronaphthalene	360	U	360	38	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2-Nitroaniline	1800	U	1800	49	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Dimethyl phthalate	360	U	360	37	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2,6-Dinitrotoluene	360	U	360	46	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Acenaphthylene	360	U	360	39	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
3-Nitroaniline	1800	U	1800	50	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Acenaphthene	360	U	360	45	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2,4-Dinitrophenol	1800	U	1800	900	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
4-Nitrophenol	1800	U	1800	360	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Dibenzofuran	360	U	360	36	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
2,4-Dinitrotoluene	360	U	360	53	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Diethyl phthalate	360	U	360	40	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Fluorene	360	U	360	39	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
4-Chlorophenyl phenyl ether	360	U	360	48	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
4-Nitroaniline	1800	U	1800	53	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
4,6-Dinitro-2-methylphenol	1800	U	1800	180	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
N-Nitrosodiphenylamine	360	U	360	36	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
4-Bromophenyl phenyl ether	360	U	360	39	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Hexachlorobenzene	360	U	360	42	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Atrazine	360	U	360	25	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-BK01**

**Lab Sample ID: 680-77386-1**

**Date Collected: 03/02/12 07:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	1800	U	1800	360	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Phenanthrene	360	U	360	29	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Anthracene	360	U	360	27	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Carbazole	360	U	360	33	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Di-n-butyl phthalate	360	U	360	33	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Fluoranthene	360	U	360	35	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Pyrene	360	U	360	29	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Butyl benzyl phthalate	360	U	360	28	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
3,3'-Dichlorobenzidine	720	U	720	30	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Benzo[a]anthracene	360	U	360	29	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Chrysene	360	U	360	23	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Bis(2-ethylhexyl) phthalate	360	U	360	32	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Di-n-octyl phthalate	360	U	360	32	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Benzo[b]fluoranthene	360	U	360	41	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Benzo[k]fluoranthene	360	U	360	71	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Benzo[a]pyrene	360	U	360	57	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Indeno[1,2,3-cd]pyrene	360	U	360	30	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Dibenz(a,h)anthracene	360	U	360	42	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1
Benzo[g,h,i]perylene	360	U	360	24	ug/Kg	☼	03/09/12 18:40	03/15/12 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	63		46 - 130	03/09/12 18:40	03/15/12 14:21	1
2-Fluorobiphenyl	66		58 - 130	03/09/12 18:40	03/15/12 14:21	1
Terphenyl-d14 (Surr)	71		60 - 130	03/09/12 18:40	03/15/12 14:21	1
Phenol-d5 (Surr)	64		49 - 130	03/09/12 18:40	03/15/12 14:21	1
2-Fluorophenol (Surr)	61		40 - 130	03/09/12 18:40	03/15/12 14:21	1
2,4,6-Tribromophenol (Surr)	74		58 - 130	03/09/12 18:40	03/15/12 14:21	1

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	180	U	180	65	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
delta-BHC	1.8	U	1.8	0.14	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Dieldrin	3.6	U	3.6	0.30	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Endosulfan I	1.8	U	1.8	0.16	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Endosulfan II	3.6	U	3.6	0.25	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Endosulfan sulfate	3.6	U	3.6	0.26	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Endrin	3.6	U	3.6	0.79	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Endrin aldehyde	3.6	U	3.6	0.32	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Endrin ketone	3.6	U	3.6	0.29	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
gamma-BHC (Lindane)	1.8	U	1.8	0.12	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Heptachlor	1.8	U	1.8	0.090	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Heptachlor epoxide	1.8	U	1.8	0.15	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Methoxychlor	3.6	U	3.6	0.38	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
PCB-1016	36	U	36	3.1	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
4,4'-DDD	3.6	U	3.6	0.26	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
4,4'-DDE	3.6	U	3.6	0.21	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
4,4'-DDT	3.6	U *	3.6	0.25	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Aldrin	1.8	U	1.8	0.49	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
alpha-BHC	1.8	U	1.8	0.12	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
beta-BHC	1.8	U	1.8	0.12	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
Chlordane (technical)	18	U	18	3.1	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-BK01**

**Lab Sample ID: 680-77386-1**

**Date Collected: 03/02/12 07:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.8**

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	72	U	72	5.2	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
PCB-1232	36	U	36	3.6	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
PCB-1242	36	U	36	3.0	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
PCB-1248	36	U	36	7.8	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
PCB-1254	36	U	36	2.5	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1
PCB-1260	36	U	36	7.2	ug/Kg	☼	03/07/12 03:40	03/18/12 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		46 - 130	03/07/12 03:40	03/18/12 18:30	1
Tetrachloro-m-xylene	67		46 - 130	03/07/12 03:40	03/18/12 18:30	1
DCB Decachlorobiphenyl	119		54 - 133	03/07/12 03:40	03/18/12 18:30	1
DCB Decachlorobiphenyl	112		54 - 133	03/07/12 03:40	03/18/12 18:30	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	J	2.1	0.62	mg/Kg	☼	03/07/12 08:41	03/09/12 00:01	1
Barium	18		1.0	0.31	mg/Kg	☼	03/07/12 08:41	03/09/12 00:01	1
Cadmium	0.52	U	0.52	0.10	mg/Kg	☼	03/07/12 08:41	03/09/12 00:01	1
Chromium	3.6		1.0	0.52	mg/Kg	☼	03/07/12 08:41	03/09/12 00:01	1
Silver	1.0	U	1.0	0.10	mg/Kg	☼	03/07/12 08:41	03/09/12 00:01	1
Lead	5.2		1.0	0.56	mg/Kg	☼	03/07/12 08:41	03/09/12 00:01	1
Selenium	2.6	U	2.6	1.0	mg/Kg	☼	03/07/12 08:41	03/09/12 00:01	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.021	0.0084	mg/Kg	☼	03/13/12 11:00	03/19/12 13:46	1

**Client Sample ID: SHC-SB-BK-01**

**Lab Sample ID: 680-77386-2**

**Date Collected: 03/02/12 08:40**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 87.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.1	U	5.1	0.96	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Chloromethane	5.1	U	5.1	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Vinyl chloride	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Bromomethane	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Chloroethane	5.1	U	5.1	2.8	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Trichlorofluoromethane	5.1	U	5.1	1.2	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,1-Dichloroethene	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Acetone	12	J	51	11	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Carbon disulfide	5.1	U	5.1	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Methyl acetate	10	U	10	5.1	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Methylene Chloride	5.1	U	5.1	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
trans-1,2-Dichloroethene	5.1	U	5.1	0.65	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Methyl tert-butyl ether	10	U	10	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,1-Dichloroethane	5.1	U	5.1	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
cis-1,2-Dichloroethene	5.1	U	5.1	1.4	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
2-Butanone	26	U	26	2.5	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Chloroform	5.1	U	5.1	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,1,1-Trichloroethane	5.1	U	5.1	0.61	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-BK-01**

**Lab Sample ID: 680-77386-2**

**Date Collected: 03/02/12 08:40**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 87.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	10	U	10	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Carbon tetrachloride	5.1	U	5.1	0.85	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Benzene	5.1	U	5.1	0.75	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,2-Dichloroethane	5.1	U	5.1	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Trichloroethene	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Methylcyclohexane	10	U	10	0.88	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,2-Dichloropropane	5.1	U	5.1	0.88	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Bromodichloromethane	5.1	U	5.1	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
cis-1,3-Dichloropropene	5.1	U	5.1	0.85	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
4-Methyl-2-pentanone	26	U	26	4.3	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Toluene	5.1	U	5.1	0.86	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
trans-1,3-Dichloropropene	5.1	U	5.1	0.89	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,1,2-Trichloroethane	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Tetrachloroethene	5.1	U	5.1	2.0	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
2-Hexanone	26	U	26	3.4	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Dibromochloromethane	5.1	U	5.1	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,2-Dibromoethane	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Chlorobenzene	5.1	U	5.1	0.99	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Ethylbenzene	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Xylenes, Total	10	U	10	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Styrene	5.1	U	5.1	0.95	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Bromoform	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Isopropylbenzene	5.1	U	5.1	2.0	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,1,2,2-Tetrachloroethane	5.1	U	5.1	1.6	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,3-Dichlorobenzene	5.1	U	5.1	1.6	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,4-Dichlorobenzene	5.1	U	5.1	0.76	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,2-Dichlorobenzene	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.5	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
1,2,4-Trichlorobenzene	5.1	U	5.1	0.91	ug/Kg	☼	03/06/12 11:10	03/13/12 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		65 - 130				03/06/12 11:10	03/13/12 18:52	1
4-Bromofluorobenzene	103		65 - 130				03/06/12 11:10	03/13/12 18:52	1
Dibromofluoromethane	101		65 - 130				03/06/12 11:10	03/13/12 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	380	U *	380	66	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Phenol	380	U	380	39	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Bis(2-chloroethyl)ether	380	U	380	52	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2-Chlorophenol	380	U	380	46	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2-Methylphenol	380	U	380	31	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
bis (2-chloroisopropyl) ether	380	U	380	34	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Acetophenone	380	U	380	32	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
3 & 4 Methylphenol	380	U	380	49	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
N-Nitrosodi-n-propylamine	380	U	380	37	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Hexachloroethane	380	U	380	32	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Nitrobenzene	380	U	380	30	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Isophorone	380	U	380	38	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2-Nitrophenol	380	U	380	47	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2,4-Dimethylphenol	380	U	380	50	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-BK-01**

**Lab Sample ID: 680-77386-2**

**Date Collected: 03/02/12 08:40**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 87.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	380	U	380	45	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2,4-Dichlorophenol	380	U	380	40	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Naphthalene	380	U	380	34	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
4-Chloroaniline	760	U *	760	60	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Hexachlorobutadiene	380	U	380	41	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Caprolactam	380	U	380	76	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
4-Chloro-3-methylphenol	380	U	380	40	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2-Methylnaphthalene	380	U	380	44	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Hexachlorocyclopentadiene	380	U	380	47	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2,4,6-Trichlorophenol	380	U	380	33	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2,4,5-Trichlorophenol	380	U	380	40	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
1,1'-Biphenyl	380	U	380	850	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2-Chloronaphthalene	380	U	380	40	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2-Nitroaniline	1900	U	1900	52	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Dimethyl phthalate	380	U	380	39	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2,6-Dinitrotoluene	380	U	380	48	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Acenaphthylene	380	U	380	41	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
3-Nitroaniline	1900	U	1900	53	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Acenaphthene	380	U	380	47	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2,4-Dinitrophenol	1900	U	1900	950	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
4-Nitrophenol	1900	U	1900	380	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Dibenzofuran	380	U	380	38	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
2,4-Dinitrotoluene	380	U	380	56	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Diethyl phthalate	380	U	380	42	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Fluorene	380	U	380	41	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
4-Chlorophenyl phenyl ether	380	U	380	50	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
4-Nitroaniline	1900	U	1900	56	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
4,6-Dinitro-2-methylphenol	1900	U	1900	190	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
N-Nitrosodiphenylamine	380	U	380	38	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
4-Bromophenyl phenyl ether	380	U	380	41	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Hexachlorobenzene	380	U	380	45	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Atrazine	380	U	380	26	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Pentachlorophenol	1900	U	1900	380	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Phenanthrene	380	U	380	31	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Anthracene	380	U	380	29	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Carbazole	380	U	380	34	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Di-n-butyl phthalate	380	U	380	34	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Fluoranthene	380	U	380	37	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Pyrene	380	U	380	31	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Butyl benzyl phthalate	380	U	380	30	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
3,3'-Dichlorobenzidine	760	U	760	32	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Benzo[a]anthracene	380	U	380	31	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Chrysene	380	U	380	24	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Bis(2-ethylhexyl) phthalate	380	U	380	33	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Di-n-octyl phthalate	380	U	380	33	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Benzo[b]fluoranthene	380	U	380	44	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Benzo[k]fluoranthene	380	U	380	75	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Benzo[a]pyrene	380	U	380	60	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Indeno[1,2,3-cd]pyrene	380	U	380	32	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Dibenz(a,h)anthracene	380	U	380	45	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1
Benzo[g,h,i]perylene	380	U	380	25	ug/Kg	☼	03/09/12 18:40	03/15/12 14:50	1



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-BK-01**

**Lab Sample ID: 680-77386-2**

**Date Collected: 03/02/12 08:40**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 87.1**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	73		46 - 130	03/09/12 18:40	03/15/12 14:50	1
2-Fluorobiphenyl	75		58 - 130	03/09/12 18:40	03/15/12 14:50	1
Terphenyl-d14 (Surr)	82		60 - 130	03/09/12 18:40	03/15/12 14:50	1
Phenol-d5 (Surr)	75		49 - 130	03/09/12 18:40	03/15/12 14:50	1
2-Fluorophenol (Surr)	73		40 - 130	03/09/12 18:40	03/15/12 14:50	1
2,4,6-Tribromophenol (Surr)	86		58 - 130	03/09/12 18:40	03/15/12 14:50	1

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	190	U	190	69	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
delta-BHC	1.9	U	1.9	0.15	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Dieldrin	3.8	U	3.8	0.32	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Endosulfan I	1.9	U	1.9	0.17	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Endosulfan II	3.8	U	3.8	0.26	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Endosulfan sulfate	3.8	U	3.8	0.27	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Endrin	3.8	U	3.8	0.84	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Endrin aldehyde	3.8	U	3.8	0.34	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Endrin ketone	3.8	U	3.8	0.31	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
gamma-BHC (Lindane)	1.9	U	1.9	0.13	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Heptachlor	1.9	U	1.9	0.095	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Heptachlor epoxide	1.9	U	1.9	0.16	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Methoxychlor	3.8	U	3.8	0.40	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
PCB-1016	38	U	38	3.3	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
4,4'-DDD	3.8	U	3.8	0.27	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
4,4'-DDE	3.8	U	3.8	0.22	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
4,4'-DDT	3.8	U *	3.8	0.26	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Aldrin	1.9	U	1.9	0.52	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
alpha-BHC	1.9	U	1.9	0.13	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
beta-BHC	1.9	U	1.9	0.13	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
Chlordane (technical)	19	U	19	3.3	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
PCB-1221	77	U	77	5.5	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
PCB-1232	38	U	38	3.8	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
PCB-1242	38	U	38	3.2	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
PCB-1248	38	U	38	8.2	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
PCB-1254	38	U	38	2.6	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1
PCB-1260	38	U	38	7.7	ug/Kg	☼	03/07/12 03:40	03/18/12 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		46 - 130	03/07/12 03:40	03/18/12 18:49	1
Tetrachloro-m-xylene	87		46 - 130	03/07/12 03:40	03/18/12 18:49	1
DCB Decachlorobiphenyl	104		54 - 133	03/07/12 03:40	03/18/12 18:49	1
DCB Decachlorobiphenyl	99		54 - 133	03/07/12 03:40	03/18/12 18:49	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		2.1	0.62	mg/Kg	☼	03/07/12 08:41	03/09/12 00:06	1
Barium	24		1.0	0.31	mg/Kg	☼	03/07/12 08:41	03/09/12 00:06	1
Cadmium	0.52	U	0.52	0.10	mg/Kg	☼	03/07/12 08:41	03/09/12 00:06	1
Chromium	22		1.0	0.52	mg/Kg	☼	03/07/12 08:41	03/09/12 00:06	1
Silver	1.0	U	1.0	0.10	mg/Kg	☼	03/07/12 08:41	03/09/12 00:06	1
Lead	8.6		1.0	0.55	mg/Kg	☼	03/07/12 08:41	03/09/12 00:06	1
Selenium	2.6	U	2.6	1.0	mg/Kg	☼	03/07/12 08:41	03/09/12 00:06	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-BK-01**

**Lab Sample ID: 680-77386-2**

**Date Collected: 03/02/12 08:40**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 87.1**

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.022	0.0091	mg/Kg	☼	03/13/12 11:00	03/19/12 13:50	1

**Client Sample ID: SHC-SB-01**

**Lab Sample ID: 680-77386-3**

**Date Collected: 03/01/12 17:19**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Chloromethane	5.8	U	5.8	1.2	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Vinyl chloride	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Bromomethane	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Chloroethane	5.8	U	5.8	3.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Trichlorofluoromethane	5.8	U	5.8	1.4	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,1-Dichloroethene	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Acetone	19	J	58	13	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Carbon disulfide	5.8	U	5.8	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Methyl acetate	12	U	12	5.8	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Methylene Chloride	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
trans-1,2-Dichloroethene	5.8	U	5.8	0.73	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Methyl tert-butyl ether	12	U	12	1.2	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,1-Dichloroethane	5.8	U	5.8	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
cis-1,2-Dichloroethene	5.8	U	5.8	1.6	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
2-Butanone	29	U	29	2.8	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Chloroform	5.8	U	5.8	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,1,1-Trichloroethane	5.8	U	5.8	0.69	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Cyclohexane	12	U	12	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Carbon tetrachloride	5.8	U	5.8	0.96	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Benzene	5.8	U	5.8	0.85	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,2-Dichloroethane	5.8	U	5.8	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Trichloroethene	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Methylcyclohexane	12	U	12	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,2-Dichloropropane	5.8	U	5.8	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Bromodichloromethane	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
cis-1,3-Dichloropropene	5.8	U	5.8	0.96	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
4-Methyl-2-pentanone	29	U	29	4.9	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Toluene	5.8	U	5.8	0.98	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
trans-1,3-Dichloropropene	5.8	U	5.8	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,1,2-Trichloroethane	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Tetrachloroethene	5.8	U	5.8	2.2	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
2-Hexanone	29	U	29	3.8	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Dibromochloromethane	5.8	U	5.8	2.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,2-Dibromoethane	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Chlorobenzene	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Ethylbenzene	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Xylenes, Total	12	U	12	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Styrene	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Bromoform	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Isopropylbenzene	5.8	U	5.8	2.2	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,1,2,2-Tetrachloroethane	5.8	U	5.8	1.9	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-01**

**Lab Sample ID: 680-77386-3**

**Date Collected: 03/01/12 17:19**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	5.8	U	5.8	1.9	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,4-Dichlorobenzene	5.8	U	5.8	0.86	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,2-Dichlorobenzene	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,2-Dibromo-3-Chloropropane	12	U	12	5.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
1,2,4-Trichlorobenzene	5.8	U	5.8	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		65 - 130				03/06/12 11:10	03/13/12 19:14	1
4-Bromofluorobenzene	107		65 - 130				03/06/12 11:10	03/13/12 19:14	1
Dibromofluoromethane	97		65 - 130				03/06/12 11:10	03/13/12 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	360	U *	360	64	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Phenol	360	U	360	37	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Bis(2-chloroethyl)ether	360	U	360	49	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2-Chlorophenol	360	U	360	44	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2-Methylphenol	360	U	360	30	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
bis (2-chloroisopropyl) ether	360	U	360	33	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Acetophenone	360	U	360	31	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
3 & 4 Methylphenol	360	U	360	47	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
N-Nitrosodi-n-propylamine	360	U	360	35	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Hexachloroethane	360	U	360	31	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Nitrobenzene	360	U	360	28	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Isophorone	360	U	360	36	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2-Nitrophenol	360	U	360	45	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2,4-Dimethylphenol	360	U	360	48	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Bis(2-chloroethoxy)methane	360	U	360	43	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2,4-Dichlorophenol	360	U	360	38	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Naphthalene	360	U	360	33	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
4-Chloroaniline	720	U *	720	57	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Hexachlorobutadiene	360	U	360	39	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Caprolactam	360	U	360	72	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
4-Chloro-3-methylphenol	360	U	360	38	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2-Methylnaphthalene	360	U	360	42	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Hexachlorocyclopentadiene	360	U	360	45	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2,4,6-Trichlorophenol	360	U	360	32	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2,4,5-Trichlorophenol	360	U	360	38	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
1,1'-Biphenyl	360	U	360	810	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2-Chloronaphthalene	360	U	360	38	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2-Nitroaniline	1900	U	1900	49	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Dimethyl phthalate	360	U	360	37	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2,6-Dinitrotoluene	360	U	360	46	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Acenaphthylene	360	U	360	39	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
3-Nitroaniline	1900	U	1900	50	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Acenaphthene	360	U	360	45	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2,4-Dinitrophenol	1900	U	1900	910	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
4-Nitrophenol	1900	U	1900	360	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Dibenzofuran	360	U	360	36	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
2,4-Dinitrotoluene	360	U	360	54	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Diethyl phthalate	360	U	360	41	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-01**

**Lab Sample ID: 680-77386-3**

**Date Collected: 03/01/12 17:19**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	360	U	360	39	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
4-Chlorophenyl phenyl ether	360	U	360	48	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
4-Nitroaniline	1900	U	1900	54	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
4,6-Dinitro-2-methylphenol	1900	U	1900	190	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
N-Nitrosodiphenylamine	360	U	360	36	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
4-Bromophenyl phenyl ether	360	U	360	39	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Hexachlorobenzene	360	U	360	43	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Atrazine	360	U	360	25	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Pentachlorophenol	1900	U	1900	360	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Phenanthrene	360	U	360	30	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Anthracene	360	U	360	27	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Carbazole	360	U	360	33	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Di-n-butyl phthalate	360	U	360	33	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Fluoranthene	48	J	360	35	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Pyrene	84	J	360	30	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Butyl benzyl phthalate	360	U	360	28	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
3,3'-Dichlorobenzidine	720	U	720	31	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Benzo[a]anthracene	360	U	360	30	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Chrysene	360	U	360	23	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Bis(2-ethylhexyl) phthalate	360	U	360	32	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Di-n-octyl phthalate	360	U	360	32	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Benzo[b]fluoranthene	360	U	360	42	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Benzo[k]fluoranthene	360	U	360	71	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Benzo[a]pyrene	360	U	360	57	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Indeno[1,2,3-cd]pyrene	360	U	360	31	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Dibenz(a,h)anthracene	360	U	360	43	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1
Benzo[g,h,i]perylene	360	U	360	24	ug/Kg	☼	03/09/12 18:40	03/15/12 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		46 - 130	03/09/12 18:40	03/15/12 15:19	1
2-Fluorobiphenyl	73		58 - 130	03/09/12 18:40	03/15/12 15:19	1
Terphenyl-d14 (Surr)	80		60 - 130	03/09/12 18:40	03/15/12 15:19	1
Phenol-d5 (Surr)	71		49 - 130	03/09/12 18:40	03/15/12 15:19	1
2-Fluorophenol (Surr)	69		40 - 130	03/09/12 18:40	03/15/12 15:19	1
2,4,6-Tribromophenol (Surr)	84		58 - 130	03/09/12 18:40	03/15/12 15:19	1

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	190	U	190	65	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
delta-BHC	1.9	U	1.9	0.14	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Dieldrin	3.6	U	3.6	0.30	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Endosulfan I	1.9	U	1.9	0.16	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Endosulfan II	3.6	U	3.6	0.25	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Endosulfan sulfate	3.6	U	3.6	0.26	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Endrin	3.6	U	3.6	0.79	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Endrin aldehyde	3.6	U	3.6	0.33	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Endrin ketone	3.6	U	3.6	0.29	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
gamma-BHC (Lindane)	1.9	U	1.9	0.12	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Heptachlor	1.9	U	1.9	0.090	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Heptachlor epoxide	1.9	U	1.9	0.15	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Methoxychlor	3.6	U	3.6	0.38	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-01**

**Lab Sample ID: 680-77386-3**

**Date Collected: 03/01/12 17:19**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.0**

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	36	U	36	3.2	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
4,4'-DDD	3.6	U	3.6	0.26	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
4,4'-DDE	3.6	U	3.6	0.21	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
4,4'-DDT	3.6	U *	3.6	0.25	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Aldrin	1.9	U	1.9	0.49	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
alpha-BHC	1.9	U	1.9	0.12	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
beta-BHC	1.9	U	1.9	0.12	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
Chlordane (technical)	19	U	19	3.2	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
PCB-1221	73	U	73	5.2	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
PCB-1232	36	U	36	3.6	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
PCB-1242	36	U	36	3.0	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
PCB-1248	36	U	36	7.8	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
PCB-1254	36	U	36	2.5	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1
PCB-1260	36	U	36	7.3	ug/Kg	☼	03/07/12 03:40	03/18/12 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	51		46 - 130	03/07/12 03:40	03/18/12 19:09	1
Tetrachloro-m-xylene	51		46 - 130	03/07/12 03:40	03/18/12 19:09	1
DCB Decachlorobiphenyl	56		54 - 133	03/07/12 03:40	03/18/12 19:09	1
DCB Decachlorobiphenyl	56		54 - 133	03/07/12 03:40	03/18/12 19:09	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		2.1	0.63	mg/Kg	☼	03/07/12 08:41	03/09/12 00:43	1
Barium	32		1.1	0.32	mg/Kg	☼	03/07/12 08:41	03/09/12 00:43	1
Cadmium	0.53	U	0.53	0.11	mg/Kg	☼	03/07/12 08:41	03/09/12 00:43	1
Chromium	28		1.1	0.53	mg/Kg	☼	03/07/12 08:41	03/09/12 00:43	1
Silver	1.1	U	1.1	0.10	mg/Kg	☼	03/07/12 08:41	03/09/12 00:43	1
Lead	9.5		1.1	0.57	mg/Kg	☼	03/07/12 08:41	03/09/12 00:43	1
Selenium	2.7	U	2.7	1.1	mg/Kg	☼	03/07/12 08:41	03/09/12 00:43	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.021	0.0087	mg/Kg	☼	03/13/12 11:00	03/19/12 14:08	1

**Client Sample ID: SHC-SB-03**

**Lab Sample ID: 680-77386-4**

**Date Collected: 03/02/12 11:35**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Chloromethane	5.8	U	5.8	1.2	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Vinyl chloride	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Bromomethane	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Chloroethane	5.8	U	5.8	3.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Trichlorofluoromethane	5.8	U	5.8	1.4	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,1-Dichloroethene	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Acetone	15	J	58	13	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Carbon disulfide	5.8	U	5.8	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Methyl acetate	12	U	12	5.8	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-03**

**Lab Sample ID: 680-77386-4**

**Date Collected: 03/02/12 11:35**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
trans-1,2-Dichloroethene	5.8	U	5.8	0.73	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Methyl tert-butyl ether	12	U	12	1.2	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,1-Dichloroethane	5.8	U	5.8	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
cis-1,2-Dichloroethene	5.8	U	5.8	1.6	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
2-Butanone	29	U	29	2.8	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Chloroform	5.8	U	5.8	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,1,1-Trichloroethane	5.8	U	5.8	0.69	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Cyclohexane	12	U	12	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Carbon tetrachloride	5.8	U	5.8	0.97	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Benzene	5.8	U	5.8	0.85	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,2-Dichloroethane	5.8	U	5.8	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Trichloroethene	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Methylcyclohexane	12	U	12	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,2-Dichloropropane	5.8	U	5.8	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Bromodichloromethane	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
cis-1,3-Dichloropropene	5.8	U	5.8	0.97	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
4-Methyl-2-pentanone	29	U	29	4.9	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Toluene	5.8	U	5.8	0.98	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
trans-1,3-Dichloropropene	5.8	U	5.8	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,1,2-Trichloroethane	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Tetrachloroethene	5.8	U	5.8	2.2	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
2-Hexanone	29	U	29	3.8	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Dibromochloromethane	5.8	U	5.8	2.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,2-Dibromoethane	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Chlorobenzene	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Ethylbenzene	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Xylenes, Total	12	U	12	1.3	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Styrene	5.8	U	5.8	1.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Bromoform	5.8	U	5.8	1.7	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Isopropylbenzene	5.8	U	5.8	2.2	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,1,2,2-Tetrachloroethane	5.8	U	5.8	1.9	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,3-Dichlorobenzene	5.8	U	5.8	1.9	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,4-Dichlorobenzene	5.8	U	5.8	0.86	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,2-Dichlorobenzene	5.8	U	5.8	1.5	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,2-Dibromo-3-Chloropropane	12	U	12	5.1	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
1,2,4-Trichlorobenzene	5.8	U	5.8	1.0	ug/Kg	☼	03/06/12 11:10	03/13/12 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	109		65 - 130				03/06/12 11:10	03/13/12 19:37	1
4-Bromofluorobenzene	114		65 - 130				03/06/12 11:10	03/13/12 19:37	1
Dibromofluoromethane	98		65 - 130				03/06/12 11:10	03/13/12 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	3600	U *	3600	630	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Phenol	3600	U	3600	370	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Bis(2-chloroethyl)ether	3600	U	3600	490	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2-Chlorophenol	3600	U	3600	440	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2-Methylphenol	3600	U	3600	290	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
bis (2-chloroisopropyl) ether	3600	U	3600	330	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-03**

**Lab Sample ID: 680-77386-4**

**Date Collected: 03/02/12 11:35**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	3600	U	3600	310	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
3 & 4 Methylphenol	3600	U	3600	470	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
N-Nitrosodi-n-propylamine	3600	U	3600	350	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Hexachloroethane	3600	U	3600	310	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Nitrobenzene	3600	U	3600	280	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Isophorone	3600	U	3600	360	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2-Nitrophenol	3600	U	3600	450	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2,4-Dimethylphenol	3600	U	3600	480	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Bis(2-chloroethoxy)methane	3600	U	3600	430	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2,4-Dichlorophenol	3600	U	3600	380	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Naphthalene	3600	U	3600	330	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
4-Chloroaniline	7200	U *	7200	570	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Hexachlorobutadiene	3600	U	3600	390	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Caprolactam	3600	U	3600	720	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
4-Chloro-3-methylphenol	3600	U	3600	380	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2-Methylnaphthalene	3600	U	3600	410	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Hexachlorocyclopentadiene	3600	U	3600	450	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2,4,6-Trichlorophenol	3600	U	3600	320	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2,4,5-Trichlorophenol	3600	U	3600	380	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
1,1'-Biphenyl	3600	U	3600	8100	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2-Chloronaphthalene	3600	U	3600	380	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2-Nitroaniline	19000	U	19000	490	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Dimethyl phthalate	3600	U	3600	370	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2,6-Dinitrotoluene	3600	U	3600	460	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Acenaphthylene	3600	U	3600	390	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
3-Nitroaniline	19000	U	19000	500	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Acenaphthene</b>	<b>3300</b>	<b>J</b>	3600	450	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2,4-Dinitrophenol	19000	U	19000	9100	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
4-Nitrophenol	19000	U	19000	3600	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Dibenzofuran</b>	<b>2100</b>	<b>J</b>	3600	360	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
2,4-Dinitrotoluene	3600	U	3600	540	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Diethyl phthalate	3600	U	3600	400	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Fluorene</b>	<b>1900</b>	<b>J</b>	3600	390	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
4-Chlorophenyl phenyl ether	3600	U	3600	480	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
4-Nitroaniline	19000	U	19000	540	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
4,6-Dinitro-2-methylphenol	19000	U	19000	1900	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
N-Nitrosodiphenylamine	3600	U	3600	360	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
4-Bromophenyl phenyl ether	3600	U	3600	390	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Hexachlorobenzene	3600	U	3600	430	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Atrazine	3600	U	3600	250	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Pentachlorophenol	19000	U	19000	3600	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Phenanthrene</b>	<b>18000</b>		3600	290	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Anthracene</b>	<b>2100</b>	<b>J</b>	3600	270	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Carbazole</b>	<b>960</b>	<b>J</b>	3600	330	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Di-n-butyl phthalate	3600	U	3600	330	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Fluoranthene</b>	<b>28000</b>		3600	350	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Pyrene</b>	<b>19000</b>		3600	290	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Butyl benzyl phthalate	3600	U	3600	280	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
3,3'-Dichlorobenzidine	7200	U	7200	310	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Benzo[a]anthracene</b>	<b>3500</b>	<b>J</b>	3600	290	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Chrysene</b>	<b>3800</b>		3600	230	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-03**

**Lab Sample ID: 680-77386-4**

**Date Collected: 03/02/12 11:35**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	3600	U	3600	320	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Di-n-octyl phthalate	3600	U	3600	320	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Benzo[b]fluoranthene</b>	<b>2900</b>	<b>J</b>	3600	410	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Benzo[k]fluoranthene</b>	<b>1300</b>	<b>J</b>	3600	710	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Benzo[a]pyrene</b>	<b>1100</b>	<b>J</b>	3600	570	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Indeno[1,2,3-cd]pyrene</b>	<b>480</b>	<b>J</b>	3600	310	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
Dibenz(a,h)anthracene	3600	U	3600	430	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10
<b>Benzo[g,h,i]perylene</b>	<b>490</b>	<b>J</b>	3600	240	ug/Kg	☼	03/09/12 18:40	03/15/12 18:42	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	D	46 - 130	03/09/12 18:40	03/15/12 18:42	10
2-Fluorobiphenyl	0	D	58 - 130	03/09/12 18:40	03/15/12 18:42	10
Terphenyl-d14 (Surr)	0	D	60 - 130	03/09/12 18:40	03/15/12 18:42	10
Phenol-d5 (Surr)	0	D	49 - 130	03/09/12 18:40	03/15/12 18:42	10
2-Fluorophenol (Surr)	0	D	40 - 130	03/09/12 18:40	03/15/12 18:42	10
2,4,6-Tribromophenol (Surr)	0	D	58 - 130	03/09/12 18:40	03/15/12 18:42	10

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	740	U	740	260	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
delta-BHC	7.4	U	7.4	0.57	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Dieldrin	14	U	14	1.2	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Endosulfan I	7.4	U	7.4	0.66	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Endosulfan II	14	U	14	1.0	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Endosulfan sulfate	14	U	14	1.0	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Endrin	14	U	14	3.2	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Endrin aldehyde	14	U	14	1.3	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Endrin ketone	14	U	14	1.2	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
gamma-BHC (Lindane)	7.4	U	7.4	0.48	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Heptachlor	7.4	U	7.4	0.36	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Heptachlor epoxide	7.4	U	7.4	0.61	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Methoxychlor	14	U	14	1.5	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
PCB-1016	140	U	140	13	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
4,4'-DDD	14	U	14	1.0	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
4,4'-DDE	14	U	14	0.83	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
<b>4,4'-DDT</b>	<b>10</b>	<b>J p *</b>	14	1.0	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Aldrin	7.4	U	7.4	2.0	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
alpha-BHC	7.4	U	7.4	0.48	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
beta-BHC	7.4	U	7.4	0.48	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
Chlordane (technical)	74	U	74	13	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
PCB-1221	290	U	290	21	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
PCB-1232	140	U	140	14	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
PCB-1242	140	U	140	12	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
PCB-1248	140	U	140	31	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
PCB-1254	140	U	140	10	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4
PCB-1260	140	U	140	29	ug/Kg	☼	03/07/12 03:40	03/18/12 20:46	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	128		46 - 130	03/07/12 03:40	03/18/12 20:46	4
Tetrachloro-m-xylene	189	X	46 - 130	03/07/12 03:40	03/18/12 20:46	4
DCB Decachlorobiphenyl	180	X	54 - 133	03/07/12 03:40	03/18/12 20:46	4
DCB Decachlorobiphenyl	79	p	54 - 133	03/07/12 03:40	03/18/12 20:46	4



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-03**

**Lab Sample ID: 680-77386-4**

**Date Collected: 03/02/12 11:35**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.2**

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		1.9	0.57	mg/Kg	☼	03/07/12 08:41	03/09/12 00:48	1
Barium	27		0.97	0.29	mg/Kg	☼	03/07/12 08:41	03/09/12 00:48	1
Cadmium	0.49	U	0.49	0.097	mg/Kg	☼	03/07/12 08:41	03/09/12 00:48	1
Chromium	22		0.97	0.49	mg/Kg	☼	03/07/12 08:41	03/09/12 00:48	1
Silver	0.97	U	0.97	0.093	mg/Kg	☼	03/07/12 08:41	03/09/12 00:48	1
Lead	8.2		0.97	0.51	mg/Kg	☼	03/07/12 08:41	03/09/12 00:48	1
Selenium	2.4	U	2.4	0.97	mg/Kg	☼	03/07/12 08:41	03/09/12 00:48	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.022	0.0088	mg/Kg	☼	03/13/12 11:00	03/19/12 14:12	1

**Client Sample ID: SHC-SS-01**

**Lab Sample ID: 680-77386-5**

**Date Collected: 03/02/12 09:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.2	U	5.2	0.97	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Chloromethane	5.2	U	5.2	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Vinyl chloride	5.2	U	5.2	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Bromomethane	5.2	U	5.2	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Chloroethane	5.2	U	5.2	2.8	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Trichlorofluoromethane	5.2	U	5.2	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
1,1-Dichloroethene	5.2	U	5.2	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.2	U	5.2	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Acetone	110		52	11	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Carbon disulfide	5.2	U	5.2	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Methyl acetate	18		10	5.2	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Methylene Chloride	5.2	U	5.2	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
trans-1,2-Dichloroethene	5.2	U	5.2	0.65	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Methyl tert-butyl ether	10	U	10	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
1,1-Dichloroethane	5.2	U	5.2	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
cis-1,2-Dichloroethene	5.2	U	5.2	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
2-Butanone	11	J *	26	2.5	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Chloroform	5.2	U	5.2	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
1,1,1-Trichloroethane	5.2	U	5.2	0.61	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Cyclohexane	10	U	10	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Carbon tetrachloride	5.2	U	5.2	0.86	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Benzene	5.2	U	5.2	0.75	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
1,2-Dichloroethane	5.2	U	5.2	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Trichloroethene	5.2	U	5.2	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Methylcyclohexane	10	U	10	0.89	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
1,2-Dichloropropane	5.2	U	5.2	0.89	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Bromodichloromethane	5.2	U	5.2	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
cis-1,3-Dichloropropene	5.2	U	5.2	0.86	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
4-Methyl-2-pentanone	26	U	26	4.3	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Toluene	1.0	J	5.2	0.87	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
trans-1,3-Dichloropropene	5.2	U	5.2	0.90	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
1,1,2-Trichloroethane	5.2	U	5.2	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1
Tetrachloroethene	5.2	U	5.2	2.0	ug/Kg	☼	03/06/12 11:10	03/15/12 17:52	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

Client Sample ID: SHC-SS-01

Lab Sample ID: 680-77386-5

Date Collected: 03/02/12 09:20

Matrix: Solid

Date Received: 03/06/12 09:23

Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	26	U	26	3.4	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
Dibromochloromethane	5.2	U	5.2	1.8	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
1,2-Dibromoethane	5.2	U	5.2	1.6	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
Chlorobenzene	5.2	U	5.2	0.99	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
Ethylbenzene	5.2	U	5.2	1.3	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
Xylenes, Total	10	U	10	1.1	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
Styrene	5.2	U	5.2	0.96	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
Bromoform	5.2	U	5.2	1.6	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
Isopropylbenzene	5.2	U	5.2	2.0	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
1,1,1,2-Tetrachloroethane	5.2	U	5.2	1.7	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
1,3-Dichlorobenzene	5.2	U	5.2	1.7	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
1,4-Dichlorobenzene	5.2	U	5.2	0.77	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
1,2-Dichlorobenzene	5.2	U	5.2	1.3	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.5	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1
1,2,4-Trichlorobenzene	5.2	U	5.2	0.92	ug/Kg	☆	03/06/12 11:10	03/15/12 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		65 - 130	03/06/12 11:10	03/15/12 17:52	1
4-Bromofluorobenzene	84		65 - 130	03/06/12 11:10	03/15/12 17:52	1
Dibromofluoromethane	95		65 - 130	03/06/12 11:10	03/15/12 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	67000	U *	67000	12000	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Phenol	67000	U	67000	6900	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Bis(2-chloroethyl)ether	67000	U	67000	9100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2-Chlorophenol	67000	U	67000	8100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2-Methylphenol	67000	U	67000	5500	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
bis (2-chloroisopropyl) ether	67000	U	67000	6100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Acetophenone	67000	U	67000	5700	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
3 & 4 Methylphenol	67000	U	67000	8700	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
N-Nitrosodi-n-propylamine	67000	U	67000	6500	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Hexachloroethane	67000	U	67000	5700	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Nitrobenzene	67000	U	67000	5300	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Isophorone	67000	U	67000	6700	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2-Nitrophenol	67000	U	67000	8300	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2,4-Dimethylphenol	67000	U	67000	8900	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Bis(2-chloroethoxy)methane	67000	U	67000	7900	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2,4-Dichlorophenol	67000	U	67000	7100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Naphthalene	67000	U	67000	6100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
4-Chloroaniline	130000	U *	130000	11000	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Hexachlorobutadiene	67000	U	67000	7300	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Caprolactam	67000	U	67000	13000	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
4-Chloro-3-methylphenol	67000	U	67000	7100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2-Methylnaphthalene	67000	U	67000	7700	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
Hexachlorocyclopentadiene	67000	U	67000	8300	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2,4,6-Trichlorophenol	67000	U	67000	5900	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2,4,5-Trichlorophenol	67000	U	67000	7100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
1,1'-Biphenyl	67000	U	67000	150000	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2-Chloronaphthalene	67000	U	67000	7100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200
2-Nitroaniline	350000	U	350000	9100	ug/Kg	☆	03/09/12 18:40	03/20/12 11:02	200

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

Client Sample ID: SHC-SS-01

Lab Sample ID: 680-77386-5

Date Collected: 03/02/12 09:20

Matrix: Solid

Date Received: 03/06/12 09:23

Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	67000	U	67000	6900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
2,6-Dinitrotoluene	67000	U	67000	8500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Acenaphthylene	67000	U	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
3-Nitroaniline	350000	U	350000	9300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Acenaphthene	73000		67000	8300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
2,4-Dinitrophenol	350000	U	350000	170000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
4-Nitrophenol	350000	U	350000	67000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Dibenzofuran	31000	J	67000	6700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
2,4-Dinitrotoluene	67000	U	67000	10000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Diethyl phthalate	67000	U	67000	7500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Fluorene	46000	J	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
4-Chlorophenyl phenyl ether	67000	U	67000	8900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
4-Nitroaniline	350000	U	350000	10000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
4,6-Dinitro-2-methylphenol	350000	U	350000	35000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
N-Nitrosodiphenylamine	67000	U	67000	6700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
4-Bromophenyl phenyl ether	67000	U	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Hexachlorobenzene	67000	U	67000	7900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Atrazine	67000	U	67000	4700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Pentachlorophenol	350000	U	350000	67000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Phenanthrene	150000		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Anthracene	160000		67000	5100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Carbazole	19000	J	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Di-n-butyl phthalate	67000	U	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Fluoranthene	1200000		67000	6500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Pyrene	710000		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Butyl benzyl phthalate	67000	U	67000	5300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
3,3'-Dichlorobenzidine	130000	U	130000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Benzo[a]anthracene	140000		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Chrysene	170000		67000	4300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Bis(2-ethylhexyl) phthalate	67000	U	67000	5900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Di-n-octyl phthalate	67000	U	67000	5900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Benzo[b]fluoranthene	94000		67000	7700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Benzo[k]fluoranthene	31000	J	67000	13000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Benzo[a]pyrene	33000	J	67000	11000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Indeno[1,2,3-cd]pyrene	11000	J	67000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Dibenz(a,h)anthracene	67000	U	67000	7900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200
Benzo[g,h,i]perylene	9800	J	67000	4500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:02	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	D	46 - 130	03/09/12 18:40	03/20/12 11:02	200
2-Fluorobiphenyl	0	D	58 - 130	03/09/12 18:40	03/20/12 11:02	200
Terphenyl-d14 (Surr)	0	D	60 - 130	03/09/12 18:40	03/20/12 11:02	200
Phenol-d5 (Surr)	0	D	49 - 130	03/09/12 18:40	03/20/12 11:02	200
2-Fluorophenol (Surr)	0	D	40 - 130	03/09/12 18:40	03/20/12 11:02	200
2,4,6-Tribromophenol (Surr)	0	D	58 - 130	03/09/12 18:40	03/20/12 11:02	200

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	3400	U	3400	1200	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
delta-BHC	45		34	2.6	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Dieldrin	67	U	67	5.6	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-01**

**Lab Sample ID: 680-77386-5**

**Date Collected: 03/02/12 09:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.2**

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Endosulfan I</b>	<b>86</b>	<b>p</b>	34	3.0	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Endosulfan II	67	U	67	4.6	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Endosulfan sulfate	67	U	67	4.8	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
<b>Endrin</b>	<b>270</b>	<b>p</b>	67	15	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Endrin aldehyde	67	U	67	6.1	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Endrin ketone	67	U	67	5.4	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
<b>gamma-BHC (Lindane)</b>	<b>24</b>	<b>J p</b>	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Heptachlor	34	U	34	1.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Heptachlor epoxide	34	U	34	2.8	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Methoxychlor	67	U	67	7.1	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
PCB-1016	670	U	670	58	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
4,4'-DDD	67	U	67	4.8	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
4,4'-DDE	67	U	67	3.8	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
<b>4,4'-DDT</b>	<b>590</b>	<b>p *</b>	67	4.6	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Aldrin	34	U	34	9.1	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
<b>alpha-BHC</b>	<b>49</b>	<b>p</b>	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
beta-BHC	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
Chlordane (technical)	340	U	340	58	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
PCB-1221	1400	U	1400	97	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
PCB-1232	670	U	670	67	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
PCB-1242	670	U	670	56	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
PCB-1248	670	U	670	150	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
PCB-1254	670	U	670	46	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20
PCB-1260	670	U	670	140	ug/Kg	☼	03/07/12 03:40	03/18/12 21:05	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	46 - 130	03/07/12 03:40	03/18/12 21:05	20
Tetrachloro-m-xylene	0	D	46 - 130	03/07/12 03:40	03/18/12 21:05	20
DCB Decachlorobiphenyl	0	D	54 - 133	03/07/12 03:40	03/18/12 21:05	20
DCB Decachlorobiphenyl	0	D	54 - 133	03/07/12 03:40	03/18/12 21:05	20

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>2.1</b>		2.0	0.59	mg/Kg	☼	03/07/12 08:41	03/09/12 00:53	1
<b>Barium</b>	<b>45</b>		1.0	0.30	mg/Kg	☼	03/07/12 08:41	03/09/12 00:53	1
Cadmium	0.50	U	0.50	0.10	mg/Kg	☼	03/07/12 08:41	03/09/12 00:53	1
<b>Chromium</b>	<b>5.2</b>		1.0	0.50	mg/Kg	☼	03/07/12 08:41	03/09/12 00:53	1
Silver	1.0	U	1.0	0.096	mg/Kg	☼	03/07/12 08:41	03/09/12 00:53	1
<b>Lead</b>	<b>27</b>		1.0	0.53	mg/Kg	☼	03/07/12 08:41	03/09/12 00:53	1
Selenium	2.5	U	2.5	1.0	mg/Kg	☼	03/07/12 08:41	03/09/12 00:53	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.047</b>		0.020	0.0084	mg/Kg	☼	03/13/12 11:00	03/19/12 14:16	1

**Client Sample ID: SHC-SS-02**

**Lab Sample ID: 680-77386-6**

**Date Collected: 03/02/12 09:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 96.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.1	U	5.1	0.95	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-02**

**Lab Sample ID: 680-77386-6**

**Date Collected: 03/02/12 09:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 96.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	5.1	U	5.1	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Vinyl chloride	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Bromomethane	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Chloroethane	5.1	U	5.1	2.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Trichlorofluoromethane	5.1	U	5.1	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,1-Dichloroethene	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Acetone	51		51	11	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Carbon disulfide	5.1	U	5.1	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Methyl acetate	6.7	J	10	5.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Methylene Chloride	5.1	U	5.1	0.99	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
trans-1,2-Dichloroethene	5.1	U	5.1	0.64	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Methyl tert-butyl ether	10	U	10	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,1-Dichloroethane	5.1	U	5.1	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
cis-1,2-Dichloroethene	5.1	U	5.1	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
2-Butanone	6.3	J *	25	2.4	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Chloroform	5.1	U	5.1	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,1,1-Trichloroethane	5.1	U	5.1	0.60	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Cyclohexane	10	U	10	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Carbon tetrachloride	5.1	U	5.1	0.84	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Benzene	5.1	U	5.1	0.74	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,2-Dichloroethane	5.1	U	5.1	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Trichloroethene	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Methylcyclohexane	10	U	10	0.87	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,2-Dichloropropane	5.1	U	5.1	0.87	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Bromodichloromethane	5.1	U	5.1	0.98	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
cis-1,3-Dichloropropene	5.1	U	5.1	0.84	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Toluene	5.1	U	5.1	0.85	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
trans-1,3-Dichloropropene	5.1	U	5.1	0.88	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,1,2-Trichloroethane	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Tetrachloroethene	5.1	U	5.1	1.9	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
2-Hexanone	25	U	25	3.3	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Dibromochloromethane	5.1	U	5.1	1.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,2-Dibromoethane	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Chlorobenzene	5.1	U	5.1	0.97	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Ethylbenzene	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Xylenes, Total	10	U	10	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Styrene	5.1	U	5.1	0.94	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Bromoform	5.1	U	5.1	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Isopropylbenzene	5.1	U	5.1	1.9	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,1,1,2-Tetrachloroethane	5.1	U	5.1	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,3-Dichlorobenzene	5.1	U	5.1	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,4-Dichlorobenzene	5.1	U	5.1	0.75	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,2-Dichlorobenzene	5.1	U	5.1	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
1,2,4-Trichlorobenzene	5.1	U	5.1	0.90	ug/Kg	☼	03/06/12 11:10	03/15/12 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		65 - 130				03/06/12 11:10	03/15/12 18:15	1
4-Bromofluorobenzene	90		65 - 130				03/06/12 11:10	03/15/12 18:15	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-02**

**Lab Sample ID: 680-77386-6**

**Date Collected: 03/02/12 09:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 96.9**

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	93		65 - 130	03/06/12 11:10	03/15/12 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	34000	U *	34000	6000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Phenol	34000	U	34000	3500	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Bis(2-chloroethyl)ether	34000	U	34000	4600	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2-Chlorophenol	34000	U	34000	4100	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2-Methylphenol	34000	U	34000	2800	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
bis (2-chloroisopropyl) ether	34000	U	34000	3100	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Acetophenone	34000	U	34000	2900	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
3 & 4 Methylphenol	34000	U	34000	4400	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
N-Nitrosodi-n-propylamine	34000	U	34000	3300	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Hexachloroethane	34000	U	34000	2900	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Nitrobenzene	34000	U	34000	2700	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Isophorone	34000	U	34000	3400	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2-Nitrophenol	34000	U	34000	4200	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2,4-Dimethylphenol	34000	U	34000	4500	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Bis(2-chloroethoxy)methane	34000	U	34000	4000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2,4-Dichlorophenol	34000	U	34000	3600	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Naphthalene	34000	U	34000	3100	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
4-Chloroaniline	68000	U *	68000	5400	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Hexachlorobutadiene	34000	U	34000	3700	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Caprolactam	34000	U	34000	6800	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
4-Chloro-3-methylphenol	34000	U	34000	3600	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2-Methylnaphthalene	34000	U	34000	3900	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Hexachlorocyclopentadiene	34000	U	34000	4200	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2,4,6-Trichlorophenol	34000	U	34000	3000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2,4,5-Trichlorophenol	34000	U	34000	3600	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
1,1'-Biphenyl	34000	U	34000	76000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2-Chloronaphthalene	34000	U	34000	3600	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2-Nitroaniline	180000	U	180000	4600	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Dimethyl phthalate	34000	U	34000	3500	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2,6-Dinitrotoluene	34000	U	34000	4300	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Acenaphthylene	34000	U	34000	3700	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
3-Nitroaniline	180000	U	180000	4700	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Acenaphthene	34000	U	34000	4200	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2,4-Dinitrophenol	180000	U	180000	85000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
4-Nitrophenol	180000	U	180000	34000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Dibenzofuran	34000	U	34000	3400	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
2,4-Dinitrotoluene	34000	U	34000	5000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Diethyl phthalate	34000	U	34000	3800	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Fluorene	34000	U	34000	3700	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
4-Chlorophenyl phenyl ether	34000	U	34000	4500	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
4-Nitroaniline	180000	U	180000	5000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
4,6-Dinitro-2-methylphenol	180000	U	180000	18000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
N-Nitrosodiphenylamine	34000	U	34000	3400	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
4-Bromophenyl phenyl ether	34000	U	34000	3700	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Hexachlorobenzene	34000	U	34000	4000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Atrazine	34000	U	34000	2400	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Pentachlorophenol	180000	U	180000	34000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-02**

**Lab Sample ID: 680-77386-6**

**Date Collected: 03/02/12 09:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 96.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	5300	J	34000	2800	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Anthracene	11000	J	34000	2600	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Carbazole	34000	U	34000	3100	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Di-n-butyl phthalate	34000	U	34000	3100	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Fluoranthene	62000		34000	3300	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Pyrene	90000		34000	2800	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Butyl benzyl phthalate	34000	U	34000	2700	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
3,3'-Dichlorobenzidine	68000	U	68000	2900	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Benzo[a]anthracene	19000	J	34000	2800	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Chrysene	48000		34000	2200	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Bis(2-ethylhexyl) phthalate	34000	U	34000	3000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Di-n-octyl phthalate	34000	U	34000	3000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Benzo[b]fluoranthene	69000		34000	3900	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Benzo[k]fluoranthene	24000	J	34000	6700	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Benzo[a]pyrene	20000	J	34000	5400	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Indeno[1,2,3-cd]pyrene	13000	J	34000	2900	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Dibenz(a,h)anthracene	34000	U	34000	4000	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100
Benzo[g,h,i]perylene	9900	J	34000	2300	ug/Kg	☼	03/09/12 18:40	03/19/12 13:48	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	D	46 - 130	03/09/12 18:40	03/19/12 13:48	100
2-Fluorobiphenyl	0	D	58 - 130	03/09/12 18:40	03/19/12 13:48	100
Terphenyl-d14 (Surr)	0	D	60 - 130	03/09/12 18:40	03/19/12 13:48	100
Phenol-d5 (Surr)	0	D	49 - 130	03/09/12 18:40	03/19/12 13:48	100
2-Fluorophenol (Surr)	0	D	40 - 130	03/09/12 18:40	03/19/12 13:48	100
2,4,6-Tribromophenol (Surr)	0	D	58 - 130	03/09/12 18:40	03/19/12 13:48	100

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	3500	U	3500	1200	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
delta-BHC	35	U	35	2.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Dieldrin	68	U	68	5.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Endosulfan I	35	U	35	3.1	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Endosulfan II	68	U	68	4.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Endosulfan sulfate	68	U	68	4.9	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Endrin	68	U	68	15	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Endrin aldehyde	68	U	68	6.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Endrin ketone	68	U	68	5.5	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
gamma-BHC (Lindane)	35	U	35	2.3	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Heptachlor	35	U	35	1.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Heptachlor epoxide	35	U	35	2.9	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Methoxychlor	68	U	68	7.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
PCB-1016	680	U	680	59	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
4,4'-DDD	68	U	68	4.9	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
4,4'-DDE	29	J p	68	3.9	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
4,4'-DDT	270	p *	68	4.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Aldrin	35	U	35	9.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
alpha-BHC	35	U	35	2.3	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
beta-BHC	35	U	35	2.3	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
Chlordane (technical)	350	U	350	59	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
PCB-1221	1400	U	1400	98	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

Client Sample ID: SHC-SS-02

Lab Sample ID: 680-77386-6

Date Collected: 03/02/12 09:45

Matrix: Solid

Date Received: 03/06/12 09:23

Percent Solids: 96.9

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	680	U	680	68	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
PCB-1242	680	U	680	57	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
PCB-1248	680	U	680	150	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
PCB-1254	680	U	680	47	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20
PCB-1260	680	U	680	140	ug/Kg	☼	03/07/12 03:40	03/18/12 21:25	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	46 - 130	03/07/12 03:40	03/18/12 21:25	20
Tetrachloro-m-xylene	0	D	46 - 130	03/07/12 03:40	03/18/12 21:25	20
DCB Decachlorobiphenyl	0	D	54 - 133	03/07/12 03:40	03/18/12 21:25	20
DCB Decachlorobiphenyl	0	D	54 - 133	03/07/12 03:40	03/18/12 21:25	20

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	1.9	0.56	mg/Kg	☼	03/07/12 08:41	03/09/12 00:58	1
Barium	28		0.96	0.29	mg/Kg	☼	03/07/12 08:41	03/09/12 00:58	1
Cadmium	0.48	U	0.48	0.096	mg/Kg	☼	03/07/12 08:41	03/09/12 00:58	1
Chromium	5.7		0.96	0.48	mg/Kg	☼	03/07/12 08:41	03/09/12 00:58	1
Silver	0.96	U	0.96	0.092	mg/Kg	☼	03/07/12 08:41	03/09/12 00:58	1
Lead	10		0.96	0.51	mg/Kg	☼	03/07/12 08:41	03/09/12 00:58	1
Selenium	2.4	U	2.4	0.96	mg/Kg	☼	03/07/12 08:41	03/09/12 00:58	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.020	0.0083	mg/Kg	☼	03/13/12 11:00	03/19/12 14:19	1

Client Sample ID: SHC-SS-03

Lab Sample ID: 680-77386-7

Date Collected: 03/02/12 10:20

Matrix: Solid

Date Received: 03/06/12 09:23

Percent Solids: 98.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.7	U	5.7	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Chloromethane	5.7	U	5.7	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Vinyl chloride	5.7	U	5.7	1.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Bromomethane	5.7	U	5.7	1.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Chloroethane	5.7	U	5.7	3.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Trichlorofluoromethane	5.7	U	5.7	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,1-Dichloroethene	5.7	U	5.7	1.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	5.7	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Acetone	84		57	12	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Carbon disulfide	5.7	U	5.7	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Methyl acetate	16		11	5.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Methylene Chloride	5.7	U	5.7	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
trans-1,2-Dichloroethene	5.7	U	5.7	0.71	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Methyl tert-butyl ether	11	U	11	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,1-Dichloroethane	5.7	U	5.7	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
cis-1,2-Dichloroethene	5.7	U	5.7	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
2-Butanone	12	J *	28	2.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Chloroform	5.7	U	5.7	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,1,1-Trichloroethane	5.7	U	5.7	0.67	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Cyclohexane	11	U	11	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-03**

**Lab Sample ID: 680-77386-7**

**Date Collected: 03/02/12 10:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	5.7	U	5.7	0.94	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Benzene	5.7	U	5.7	0.83	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,2-Dichloroethane	5.7	U	5.7	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Trichloroethene	5.7	U	5.7	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Methylcyclohexane	11	U	11	0.97	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,2-Dichloropropane	5.7	U	5.7	0.97	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Bromodichloromethane	5.7	U	5.7	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
cis-1,3-Dichloropropene	5.7	U	5.7	0.94	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
4-Methyl-2-pentanone	28	U	28	4.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Toluene	5.7	U	5.7	0.95	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
trans-1,3-Dichloropropene	5.7	U	5.7	0.98	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,1,2-Trichloroethane	5.7	U	5.7	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Tetrachloroethene	5.7	U	5.7	2.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
2-Hexanone	28	U	28	3.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Dibromochloromethane	5.7	U	5.7	1.9	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,2-Dibromoethane	5.7	U	5.7	1.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Chlorobenzene	5.7	U	5.7	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Ethylbenzene	5.7	U	5.7	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Xylenes, Total	11	U	11	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Styrene	5.7	U	5.7	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Bromoform	5.7	U	5.7	1.7	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
Isopropylbenzene	5.7	U	5.7	2.1	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,1,2,2-Tetrachloroethane	5.7	U	5.7	1.8	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,3-Dichlorobenzene	5.7	U	5.7	1.8	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,4-Dichlorobenzene	5.7	U	5.7	0.84	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,2-Dichlorobenzene	5.7	U	5.7	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,2-Dibromo-3-Chloropropane	11	U	11	5.0	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1
1,2,4-Trichlorobenzene	5.7	U	5.7	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		65 - 130	03/06/12 11:10	03/15/12 18:38	1
4-Bromofluorobenzene	89		65 - 130	03/06/12 11:10	03/15/12 18:38	1
Dibromofluoromethane	102		65 - 130	03/06/12 11:10	03/15/12 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	67000	U *	67000	12000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Phenol	67000	U	67000	6900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Bis(2-chloroethyl)ether	67000	U	67000	9100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2-Chlorophenol	67000	U	67000	8100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2-Methylphenol	67000	U	67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
bis (2-chloroisopropyl) ether	67000	U	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Acetophenone	67000	U	67000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
3 & 4 Methylphenol	67000	U	67000	8700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
N-Nitrosodi-n-propylamine	67000	U	67000	6500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Hexachloroethane	67000	U	67000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Nitrobenzene	67000	U	67000	5300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Isophorone	67000	U	67000	6700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2-Nitrophenol	67000	U	67000	8300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2,4-Dimethylphenol	67000	U	67000	8900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Bis(2-chloroethoxy)methane	67000	U	67000	7900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-03**

**Lab Sample ID: 680-77386-7**

**Date Collected: 03/02/12 10:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	67000	U	67000	7100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Naphthalene	67000	U	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
4-Chloroaniline	130000	U *	130000	11000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Hexachlorobutadiene	67000	U	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Caprolactam	67000	U	67000	13000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
4-Chloro-3-methylphenol	67000	U	67000	7100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2-Methylnaphthalene	67000	U	67000	7700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Hexachlorocyclopentadiene	67000	U	67000	8300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2,4,6-Trichlorophenol	67000	U	67000	5900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2,4,5-Trichlorophenol	67000	U	67000	7100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
1,1'-Biphenyl	67000	U	67000	150000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2-Chloronaphthalene	67000	U	67000	7100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2-Nitroaniline	340000	U	340000	9100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Dimethyl phthalate	67000	U	67000	6900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2,6-Dinitrotoluene	67000	U	67000	8500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Acenaphthylene	67000	U	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
3-Nitroaniline	340000	U	340000	9300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Acenaphthene</b>	<b>38000</b>	<b>J</b>	67000	8300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2,4-Dinitrophenol	340000	U	340000	170000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
4-Nitrophenol	340000	U	340000	67000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Dibenzofuran</b>	<b>18000</b>	<b>J</b>	67000	6700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
2,4-Dinitrotoluene	67000	U	67000	9900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Diethyl phthalate	67000	U	67000	7500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Fluorene</b>	<b>19000</b>	<b>J</b>	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
4-Chlorophenyl phenyl ether	67000	U	67000	8900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
4-Nitroaniline	340000	U	340000	9900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
4,6-Dinitro-2-methylphenol	340000	U	340000	34000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
N-Nitrosodiphenylamine	67000	U	67000	6700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
4-Bromophenyl phenyl ether	67000	U	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Hexachlorobenzene	67000	U	67000	7900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Atrazine	67000	U	67000	4700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Pentachlorophenol	340000	U	340000	67000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Phenanthrene</b>	<b>100000</b>		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Anthracene</b>	<b>35000</b>	<b>J</b>	67000	5100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Carbazole</b>	<b>16000</b>	<b>J</b>	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Di-n-butyl phthalate	67000	U	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Fluoranthene</b>	<b>760000</b>		67000	6500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Pyrene</b>	<b>490000</b>		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Butyl benzyl phthalate	67000	U	67000	5300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
3,3'-Dichlorobenzidine	130000	U	130000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Benzo[a]anthracene</b>	<b>87000</b>		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Chrysene</b>	<b>130000</b>		67000	4300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Bis(2-ethylhexyl) phthalate	67000	U	67000	5900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Di-n-octyl phthalate	67000	U	67000	5900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Benzo[b]fluoranthene</b>	<b>80000</b>		67000	7700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Benzo[k]fluoranthene	67000	U	67000	13000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Benzo[a]pyrene</b>	<b>20000</b>	<b>J</b>	67000	11000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Indeno[1,2,3-cd]pyrene</b>	<b>8400</b>	<b>J</b>	67000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
Dibenz(a,h)anthracene	67000	U	67000	7900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200
<b>Benzo[g,h,i]perylene</b>	<b>8400</b>	<b>J</b>	67000	4500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:30	200

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-03**

**Lab Sample ID: 680-77386-7**

**Date Collected: 03/02/12 10:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.5**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	D	46 - 130	03/09/12 18:40	03/20/12 11:30	200
2-Fluorobiphenyl	0	D	58 - 130	03/09/12 18:40	03/20/12 11:30	200
Terphenyl-d14 (Surr)	0	D	60 - 130	03/09/12 18:40	03/20/12 11:30	200
Phenol-d5 (Surr)	0	D	49 - 130	03/09/12 18:40	03/20/12 11:30	200
2-Fluorophenol (Surr)	0	D	40 - 130	03/09/12 18:40	03/20/12 11:30	200
2,4,6-Tribromophenol (Surr)	0	D	58 - 130	03/09/12 18:40	03/20/12 11:30	200

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	3400	U	3400	1200	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
delta-BHC	34	U	34	2.6	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Dieldrin	67	U	67	5.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Endosulfan I	34	U	34	3.0	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Endosulfan II	67	U	67	4.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Endosulfan sulfate	67	U	67	4.9	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Endrin	97	p	67	15	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Endrin aldehyde	67	U	67	6.1	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Endrin ketone	67	U	67	5.5	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
gamma-BHC (Lindane)	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Heptachlor	34	U	34	1.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Heptachlor epoxide	34	U	34	2.8	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Methoxychlor	67	U	67	7.1	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
PCB-1016	670	U	670	59	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
4,4'-DDD	67	U	67	4.9	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
4,4'-DDE	73	p	67	3.8	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
4,4'-DDT	210	p *	67	4.7	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Aldrin	34	U	34	9.1	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
alpha-BHC	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
beta-BHC	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
Chlordane (technical)	340	U	340	59	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
PCB-1221	1400	U	1400	97	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
PCB-1232	670	U	670	67	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
PCB-1242	670	U	670	57	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
PCB-1248	670	U	670	150	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
PCB-1254	670	U	670	47	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20
PCB-1260	670	U	670	140	ug/Kg	☼	03/07/12 03:40	03/18/12 21:44	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	46 - 130	03/07/12 03:40	03/18/12 21:44	20
Tetrachloro-m-xylene	0	D	46 - 130	03/07/12 03:40	03/18/12 21:44	20
DCB Decachlorobiphenyl	0	D	54 - 133	03/07/12 03:40	03/18/12 21:44	20
DCB Decachlorobiphenyl	0	D	54 - 133	03/07/12 03:40	03/18/12 21:44	20

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3		2.0	0.58	mg/Kg	☼	03/07/12 08:41	03/09/12 01:03	1
Barium	33		0.98	0.29	mg/Kg	☼	03/07/12 08:41	03/09/12 01:03	1
Cadmium	0.49	U	0.49	0.098	mg/Kg	☼	03/07/12 08:41	03/09/12 01:03	1
Chromium	8.0		0.98	0.49	mg/Kg	☼	03/07/12 08:41	03/09/12 01:03	1
Silver	0.98	U	0.98	0.094	mg/Kg	☼	03/07/12 08:41	03/09/12 01:03	1
Lead	19		0.98	0.52	mg/Kg	☼	03/07/12 08:41	03/09/12 01:03	1
Selenium	2.4	U	2.4	0.98	mg/Kg	☼	03/07/12 08:41	03/09/12 01:03	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-03**

**Lab Sample ID: 680-77386-7**

**Date Collected: 03/02/12 10:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.5**

**Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.066		0.020	0.0082	mg/Kg	☼	03/13/12 11:00	03/19/12 14:23	1

**Client Sample ID: SHC-SS-04**

**Lab Sample ID: 680-77386-8**

**Date Collected: 03/02/12 10:28**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.3	U	5.3	0.99	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Chloromethane	5.3	U	5.3	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Vinyl chloride	5.3	U	5.3	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Bromomethane	5.3	U	5.3	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Chloroethane	5.3	U	5.3	2.8	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Trichlorofluoromethane	5.3	U	5.3	1.3	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,1-Dichloroethene	5.3	U	5.3	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.3	U	5.3	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Acetone	100		53	12	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Carbon disulfide	5.3	U	5.3	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Methyl acetate	22		11	5.3	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Methylene Chloride	5.3	U	5.3	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
trans-1,2-Dichloroethene	5.3	U	5.3	0.66	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Methyl tert-butyl ether	11	U	11	1.1	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,1-Dichloroethane	5.3	U	5.3	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
cis-1,2-Dichloroethene	5.3	U	5.3	1.5	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
2-Butanone	13	J *	26	2.5	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Chloroform	5.3	U	5.3	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,1,1-Trichloroethane	5.3	U	5.3	0.62	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Cyclohexane	11	U	11	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Carbon tetrachloride	5.3	U	5.3	0.87	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Benzene	5.3	U	5.3	0.77	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,2-Dichloroethane	5.3	U	5.3	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Trichloroethene	5.3	U	5.3	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Methylcyclohexane	11	U	11	0.90	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,2-Dichloropropane	5.3	U	5.3	0.90	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Bromodichloromethane	5.3	U	5.3	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
cis-1,3-Dichloropropene	5.3	U	5.3	0.87	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
4-Methyl-2-pentanone	26	U	26	4.4	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Toluene	1.1	J	5.3	0.88	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
trans-1,3-Dichloropropene	5.3	U	5.3	0.91	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,1,2-Trichloroethane	5.3	U	5.3	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Tetrachloroethene	5.3	U	5.3	2.0	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
2-Hexanone	26	U	26	3.5	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Dibromochloromethane	5.3	U	5.3	1.8	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,2-Dibromoethane	5.3	U	5.3	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Chlorobenzene	5.3	U	5.3	1.0	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Ethylbenzene	5.3	U	5.3	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Xylenes, Total	11	U	11	1.2	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Styrene	5.3	U	5.3	0.98	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Bromoform	5.3	U	5.3	1.6	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Isopropylbenzene	5.3	U	5.3	2.0	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,1,2,2-Tetrachloroethane	5.3	U	5.3	1.7	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-04**

**Lab Sample ID: 680-77386-8**

**Date Collected: 03/02/12 10:28**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	5.3	U	5.3	1.7	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,4-Dichlorobenzene	5.3	U	5.3	0.78	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,2-Dichlorobenzene	5.3	U	5.3	1.4	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,2-Dibromo-3-Chloropropane	11	U	11	4.6	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
1,2,4-Trichlorobenzene	5.3	U	5.3	0.94	ug/Kg	☼	03/06/12 11:10	03/15/12 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		65 - 130				03/06/12 11:10	03/15/12 19:01	1
4-Bromofluorobenzene	102		65 - 130				03/06/12 11:10	03/15/12 19:01	1
Dibromofluoromethane	94		65 - 130				03/06/12 11:10	03/15/12 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	67000	U *	67000	12000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Phenol	67000	U	67000	6900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Bis(2-chloroethyl)ether	67000	U	67000	9100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2-Chlorophenol	67000	U	67000	8100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2-Methylphenol	67000	U	67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
bis (2-chloroisopropyl) ether	67000	U	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Acetophenone	67000	U	67000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
3 & 4 Methylphenol	67000	U	67000	8700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
N-Nitrosodi-n-propylamine	67000	U	67000	6500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Hexachloroethane	67000	U	67000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Nitrobenzene	67000	U	67000	5300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Isophorone	67000	U	67000	6700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2-Nitrophenol	67000	U	67000	8300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2,4-Dimethylphenol	67000	U	67000	8900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Bis(2-chloroethoxy)methane	67000	U	67000	7900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2,4-Dichlorophenol	67000	U	67000	7100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Naphthalene	67000	U	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
4-Chloroaniline	130000	U *	130000	11000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Hexachlorobutadiene	67000	U	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Caprolactam	67000	U	67000	13000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
4-Chloro-3-methylphenol	67000	U	67000	7100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2-Methylnaphthalene	67000	U	67000	7700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Hexachlorocyclopentadiene	67000	U	67000	8300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2,4,6-Trichlorophenol	67000	U	67000	5900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2,4,5-Trichlorophenol	67000	U	67000	7100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
1,1'-Biphenyl	67000	U	67000	150000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2-Chloronaphthalene	67000	U	67000	7100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2-Nitroaniline	340000	U	340000	9100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Dimethyl phthalate	67000	U	67000	6900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2,6-Dinitrotoluene	67000	U	67000	8500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Acenaphthylene	67000	U	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
3-Nitroaniline	340000	U	340000	9300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Acenaphthene</b>	<b>48000</b>	<b>J</b>	67000	8300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2,4-Dinitrophenol	340000	U	340000	170000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
4-Nitrophenol	340000	U	340000	67000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Dibenzofuran</b>	<b>23000</b>	<b>J</b>	67000	6700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
2,4-Dinitrotoluene	67000	U	67000	9900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Diethyl phthalate	67000	U	67000	7500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-04**

**Lab Sample ID: 680-77386-8**

**Date Collected: 03/02/12 10:28**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Fluorene</b>	<b>26000</b>	<b>J</b>	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
4-Chlorophenyl phenyl ether	67000	U	67000	8900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
4-Nitroaniline	340000	U	340000	9900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
4,6-Dinitro-2-methylphenol	340000	U	340000	34000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
N-Nitrosodiphenylamine	67000	U	67000	6700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
4-Bromophenyl phenyl ether	67000	U	67000	7300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Hexachlorobenzene	67000	U	67000	7900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Atrazine	67000	U	67000	4700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Pentachlorophenol	340000	U	340000	67000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Phenanthrene</b>	<b>130000</b>		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Anthracene</b>	<b>42000</b>	<b>J</b>	67000	5100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Carbazole</b>	<b>20000</b>	<b>J</b>	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Di-n-butyl phthalate	67000	U	67000	6100	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Fluoranthene</b>	<b>870000</b>		67000	6500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Pyrene</b>	<b>570000</b>		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Butyl benzyl phthalate	67000	U	67000	5300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
3,3'-Dichlorobenzidine	130000	U	130000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Benzo[a]anthracene</b>	<b>100000</b>		67000	5500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Chrysene</b>	<b>160000</b>		67000	4300	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Bis(2-ethylhexyl) phthalate	67000	U	67000	5900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Di-n-octyl phthalate	67000	U	67000	5900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Benzo[b]fluoranthene</b>	<b>96000</b>		67000	7700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Benzo[k]fluoranthene	67000	U	67000	13000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Benzo[a]pyrene</b>	<b>26000</b>	<b>J</b>	67000	11000	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Indeno[1,2,3-cd]pyrene</b>	<b>9800</b>	<b>J</b>	67000	5700	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
Dibenz(a,h)anthracene	67000	U	67000	7900	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200
<b>Benzo[g,h,i]perylene</b>	<b>9800</b>	<b>J</b>	67000	4500	ug/Kg	☼	03/09/12 18:40	03/20/12 11:58	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	D	46 - 130	03/09/12 18:40	03/20/12 11:58	200
2-Fluorobiphenyl	0	D	58 - 130	03/09/12 18:40	03/20/12 11:58	200
Terphenyl-d14 (Surr)	0	D	60 - 130	03/09/12 18:40	03/20/12 11:58	200
Phenol-d5 (Surr)	0	D	49 - 130	03/09/12 18:40	03/20/12 11:58	200
2-Fluorophenol (Surr)	0	D	40 - 130	03/09/12 18:40	03/20/12 11:58	200
2,4,6-Tribromophenol (Surr)	0	D	58 - 130	03/09/12 18:40	03/20/12 11:58	200

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	3400	U	3400	1200	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
delta-BHC	34	U	34	2.6	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Dieldrin	67	U	67	5.6	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Endosulfan I	34	U	34	3.0	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Endosulfan II	67	U	67	4.6	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Endosulfan sulfate	67	U	67	4.8	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
<b>Endrin</b>	<b>110</b>	<b>p</b>	67	15	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Endrin aldehyde	67	U	67	6.1	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Endrin ketone	67	U	67	5.4	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
gamma-BHC (Lindane)	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Heptachlor	34	U	34	1.7	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Heptachlor epoxide	34	U	34	2.8	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Methoxychlor	67	U	67	7.1	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-04**

**Lab Sample ID: 680-77386-8**

**Date Collected: 03/02/12 10:28**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.3**

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	670	U	670	59	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
4,4'-DDD	67	U	67	4.8	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
4,4'-DDE	94	p	67	3.8	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
4,4'-DDT	280	p *	67	4.6	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Aldrin	34	U	34	9.1	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
alpha-BHC	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
beta-BHC	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
Chlordane (technical)	340	U	340	59	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
PCB-1221	1400	U	1400	97	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
PCB-1232	670	U	670	67	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
PCB-1242	670	U	670	56	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
PCB-1248	670	U	670	150	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
PCB-1254	670	U	670	46	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20
PCB-1260	670	U	670	140	ug/Kg	☼	03/07/12 03:40	03/18/12 22:04	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	46 - 130	03/07/12 03:40	03/18/12 22:04	20
Tetrachloro-m-xylene	0	D	46 - 130	03/07/12 03:40	03/18/12 22:04	20
DCB Decachlorobiphenyl	0	D	54 - 133	03/07/12 03:40	03/18/12 22:04	20
DCB Decachlorobiphenyl	0	D	54 - 133	03/07/12 03:40	03/18/12 22:04	20

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		1.9	0.56	mg/Kg	☼	03/07/12 08:41	03/09/12 01:09	1
Barium	34		0.94	0.28	mg/Kg	☼	03/07/12 08:41	03/09/12 01:09	1
Cadmium	0.47	U	0.47	0.094	mg/Kg	☼	03/07/12 08:41	03/09/12 01:09	1
Chromium	9.3		0.94	0.47	mg/Kg	☼	03/07/12 08:41	03/09/12 01:09	1
Silver	0.94	U	0.94	0.090	mg/Kg	☼	03/07/12 08:41	03/09/12 01:09	1
Lead	20		0.94	0.50	mg/Kg	☼	03/07/12 08:41	03/09/12 01:09	1
Selenium	2.4	U	2.4	0.94	mg/Kg	☼	03/07/12 08:41	03/09/12 01:09	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.020	0.0083	mg/Kg	☼	03/13/12 11:00	03/19/12 14:27	1

**Client Sample ID: SHC-SS-05**

**Lab Sample ID: 680-77386-9**

**Date Collected: 03/02/12 11:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 97.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	170000	U *	170000	30000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
Phenol	170000	U	170000	17000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
Bis(2-chloroethyl)ether	170000	U	170000	23000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
2-Chlorophenol	170000	U	170000	20000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
2-Methylphenol	170000	U	170000	14000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
bis (2-chloroisopropyl) ether	170000	U	170000	15000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
Acetophenone	170000	U	170000	14000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
3 & 4 Methylphenol	170000	U	170000	22000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
N-Nitrosodi-n-propylamine	170000	U	170000	16000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
Hexachloroethane	170000	U	170000	14000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
Nitrobenzene	170000	U	170000	13000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-05**

**Lab Sample ID: 680-77386-9**

**Date Collected: 03/02/12 11:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 97.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	170000	U	170000	17000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2-Nitrophenol	170000	U	170000	21000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2,4-Dimethylphenol	170000	U	170000	22000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Bis(2-chloroethoxy)methane	170000	U	170000	20000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2,4-Dichlorophenol	170000	U	170000	18000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Naphthalene	170000	U	170000	15000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
4-Chloroaniline	340000	U *	340000	27000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Hexachlorobutadiene	170000	U	170000	18000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Caprolactam	170000	U	170000	34000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
4-Chloro-3-methylphenol	170000	U	170000	18000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2-Methylnaphthalene	170000	U	170000	19000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Hexachlorocyclopentadiene	170000	U	170000	21000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2,4,6-Trichlorophenol	170000	U	170000	15000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2,4,5-Trichlorophenol	170000	U	170000	18000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
1,1'-Biphenyl	170000	U	170000	380000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2-Chloronaphthalene	170000	U	170000	18000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2-Nitroaniline	870000	U	870000	23000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Dimethyl phthalate	170000	U	170000	17000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2,6-Dinitrotoluene	170000	U	170000	21000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Acenaphthylene</b>	<b>19000</b>	<b>J</b>	170000	18000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
3-Nitroaniline	870000	U	870000	24000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Acenaphthene</b>	<b>370000</b>		170000	21000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2,4-Dinitrophenol	870000	U	870000	420000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
4-Nitrophenol	870000	U	870000	170000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Dibenzofuran</b>	<b>200000</b>		170000	17000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
2,4-Dinitrotoluene	170000	U	170000	25000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Diethyl phthalate	170000	U	170000	19000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Fluorene</b>	<b>200000</b>		170000	18000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
4-Chlorophenyl phenyl ether	170000	U	170000	22000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
4-Nitroaniline	870000	U	870000	25000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
4,6-Dinitro-2-methylphenol	870000	U	870000	87000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
N-Nitrosodiphenylamine	170000	U	170000	17000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
4-Bromophenyl phenyl ether	170000	U	170000	18000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Hexachlorobenzene	170000	U	170000	20000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Atrazine	170000	U	170000	12000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Pentachlorophenol	870000	U	870000	170000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Phenanthrene</b>	<b>820000</b>		170000	14000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Anthracene</b>	<b>140000</b>	<b>J</b>	170000	13000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Carbazole</b>	<b>28000</b>	<b>J</b>	170000	15000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Di-n-butyl phthalate	170000	U	170000	15000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Fluoranthene</b>	<b>1800000</b>		170000	16000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Pyrene</b>	<b>1100000</b>		170000	14000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Butyl benzyl phthalate	170000	U	170000	13000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
3,3'-Dichlorobenzidine	340000	U	340000	14000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Benzo[a]anthracene</b>	<b>200000</b>		170000	14000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Chrysene</b>	<b>210000</b>		170000	11000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Bis(2-ethylhexyl) phthalate	170000	U	170000	15000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
Di-n-octyl phthalate	170000	U	170000	15000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Benzo[b]fluoranthene</b>	<b>130000</b>	<b>J</b>	170000	19000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Benzo[k]fluoranthene</b>	<b>54000</b>	<b>J</b>	170000	33000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500
<b>Benzo[a]pyrene</b>	<b>49000</b>	<b>J</b>	170000	27000	ug/Kg	☆	03/09/12 18:40	03/20/12 12:26	500

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-05**

**Lab Sample ID: 680-77386-9**

**Date Collected: 03/02/12 11:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 97.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	18000	J	170000	14000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
Dibenz(a,h)anthracene	170000	U	170000	20000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
Benzo[g,h,i]perylene	17000	J	170000	11000	ug/Kg	☼	03/09/12 18:40	03/20/12 12:26	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	0	D	46 - 130				03/09/12 18:40	03/20/12 12:26	500
2-Fluorobiphenyl	0	D	58 - 130				03/09/12 18:40	03/20/12 12:26	500
Terphenyl-d14 (Surr)	0	D	60 - 130				03/09/12 18:40	03/20/12 12:26	500
Phenol-d5 (Surr)	0	D	49 - 130				03/09/12 18:40	03/20/12 12:26	500
2-Fluorophenol (Surr)	0	D	40 - 130				03/09/12 18:40	03/20/12 12:26	500
2,4,6-Tribromophenol (Surr)	0	D	58 - 130				03/09/12 18:40	03/20/12 12:26	500

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	3400	U	3400	1200	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
delta-BHC	34	U	34	2.6	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Dieldrin	67	U	67	5.7	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Endosulfan I	34	U	34	3.0	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Endosulfan II	67	U	67	4.7	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Endosulfan sulfate	67	U	67	4.9	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Endrin	67	U	67	15	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Endrin aldehyde	67	U	67	6.1	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Endrin ketone	67	U	67	5.5	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
gamma-BHC (Lindane)	20	J p	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Heptachlor	34	U	34	1.7	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Heptachlor epoxide	34	U	34	2.8	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Methoxychlor	67	U	67	7.1	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
PCB-1016	670	U	670	59	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
4,4'-DDD	67	U	67	4.9	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
4,4'-DDE	130	p	67	3.9	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
4,4'-DDT	290	p *	67	4.7	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Aldrin	34	U	34	9.1	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
alpha-BHC	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
beta-BHC	34	U	34	2.2	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Chlordane (technical)	340	U	340	59	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
PCB-1221	1400	U	1400	97	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
PCB-1232	670	U	670	67	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
PCB-1242	670	U	670	57	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
PCB-1248	670	U	670	150	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
PCB-1254	670	U	670	47	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
PCB-1260	670	U	670	140	ug/Kg	☼	03/07/12 03:40	03/18/12 22:23	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	46 - 130				03/07/12 03:40	03/18/12 22:23	20
Tetrachloro-m-xylene	0	D	46 - 130				03/07/12 03:40	03/18/12 22:23	20
DCB Decachlorobiphenyl	0	D	54 - 133				03/07/12 03:40	03/18/12 22:23	20
DCB Decachlorobiphenyl	0	D	54 - 133				03/07/12 03:40	03/18/12 22:23	20

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0		2.0	0.58	mg/Kg	☼	03/07/12 08:41	03/09/12 01:14	1
Barium	27		0.98	0.29	mg/Kg	☼	03/07/12 08:41	03/09/12 01:14	1

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-05**

**Lab Sample ID: 680-77386-9**

**Date Collected: 03/02/12 11:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 97.6**

## Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.49	U	0.49	0.098	mg/Kg	☼	03/07/12 08:41	03/09/12 01:14	1
<b>Chromium</b>	<b>7.4</b>		0.98	0.49	mg/Kg	☼	03/07/12 08:41	03/09/12 01:14	1
Silver	0.98	U	0.98	0.094	mg/Kg	☼	03/07/12 08:41	03/09/12 01:14	1
<b>Lead</b>	<b>6.3</b>		0.98	0.52	mg/Kg	☼	03/07/12 08:41	03/09/12 01:14	1
Selenium	2.4	U	2.4	0.98	mg/Kg	☼	03/07/12 08:41	03/09/12 01:14	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.044</b>		0.019	0.0078	mg/Kg	☼	03/13/12 11:00	03/19/12 14:30	1

**Client Sample ID: SHC-W-01**

**Lab Sample ID: 680-77386-10**

**Date Collected: 03/01/12 15:48**

**Matrix: Waste**

**Date Received: 03/06/12 09:23**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500
Chlorobenzene	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500
Tetrachloroethene	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500
Carbon tetrachloride	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500
Chloroform	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500
Benzene	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500
Vinyl chloride	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500
1,1-Dichloroethene	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500
2-Butanone	5.0	U	5.0	0.50	mg/L			03/12/12 20:16	500
Trichloroethene	0.50	U	0.50	0.050	mg/L			03/12/12 20:16	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		30 - 130		03/12/12 20:16	500
Dibromofluoromethane	98		30 - 130		03/12/12 20:16	500
Toluene-d8 (Surr)	107		30 - 130		03/12/12 20:16	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
Pyridine	4800	U H	4800	4800	mg/L		03/27/12 12:02	03/27/12 13:48	10
Hexachlorobenzene	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
2,4-Dinitrotoluene	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
Cresols	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
Hexachloroethane	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
Hexachlorobutadiene	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
Pentachlorophenol	4800	U H	4800	4800	mg/L		03/27/12 12:02	03/27/12 13:48	10
2,4,6-Trichlorophenol	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
2,4,5-Trichlorophenol	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
Nitrobenzene	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
2-Methylphenol	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10
3 & 4 Methylphenol	950	U H	950	950	mg/L		03/27/12 12:02	03/27/12 13:48	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	10 - 130	03/27/12 12:02	03/27/12 13:48	10
2-Fluorophenol	0	D	10 - 130	03/27/12 12:02	03/27/12 13:48	10
Nitrobenzene-d5	0	D	10 - 130	03/27/12 12:02	03/27/12 13:48	10



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-W-01**

**Lab Sample ID: 680-77386-10**

**Date Collected: 03/01/12 15:48**

**Matrix: Waste**

**Date Received: 03/06/12 09:23**

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	0	D	10 - 130	03/27/12 12:02	03/27/12 13:48	10
Terphenyl-d14	0	D	10 - 130	03/27/12 12:02	03/27/12 13:48	10
2,4,6-Tribromophenol	0	D	10 - 130	03/27/12 12:02	03/27/12 13:48	10

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	970	U	970	970	ug/Kg		03/27/12 12:02	03/29/12 17:10	1
PCB-1221	1900	U	1900	1900	ug/Kg		03/27/12 12:02	03/29/12 17:10	1
PCB-1232	970	U	970	970	ug/Kg		03/27/12 12:02	03/29/12 17:10	1
PCB-1242	970	U	970	970	ug/Kg		03/27/12 12:02	03/29/12 17:10	1
PCB-1248	970	U	970	970	ug/Kg		03/27/12 12:02	03/29/12 17:10	1
PCB-1254	970	U	970	970	ug/Kg		03/27/12 12:02	03/29/12 17:10	1
PCB-1260	970	U	970	970	ug/Kg		03/27/12 12:02	03/29/12 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	137	X	30 - 130	03/27/12 12:02	03/29/12 17:10	1
DCB Decachlorobiphenyl	147	X	30 - 130	03/27/12 12:02	03/29/12 17:10	1
Tetrachloro-m-xylene	113		30 - 130	03/27/12 12:02	03/29/12 17:10	1
Tetrachloro-m-xylene	111		30 - 130	03/27/12 12:02	03/29/12 17:10	1

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	0.049	U H	0.049	0.049	mg/L		03/27/12 12:02	03/30/12 14:32	1
Chlordane (technical)	0.49	U H	0.49	0.49	mg/L		03/27/12 12:02	03/30/12 14:32	1
gamma-BHC (Lindane)	0.049	U H	0.049	0.049	mg/L		03/27/12 12:02	03/30/12 14:32	1
Endrin	0.097	U H	0.097	0.097	mg/L		03/27/12 12:02	03/30/12 14:32	1
Methoxychlor	0.49	U H	0.49	0.49	mg/L		03/27/12 12:02	03/30/12 14:32	1
Heptachlor	0.049	U H	0.049	0.049	mg/L		03/27/12 12:02	03/30/12 14:32	1
Toxaphene	4.9	U H	4.9	4.9	mg/L		03/27/12 12:02	03/30/12 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		30 - 130	03/27/12 12:02	03/30/12 14:32	1
Tetrachloro-m-xylene	90		30 - 130	03/27/12 12:02	03/30/12 14:32	1
DCB Decachlorobiphenyl	137	X	30 - 130	03/27/12 12:02	03/30/12 14:32	1
DCB Decachlorobiphenyl	151	X	30 - 130	03/27/12 12:02	03/30/12 14:32	1

## Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.49	U H	0.49	0.49	mg/L		03/27/12 08:07	03/29/12 01:24	1
Silvex (2,4,5-TP)	0.49	U H	0.49	0.49	mg/L		03/27/12 08:07	03/29/12 01:24	1
Pentachlorophenol	2.8	H E	0.25	0.25	mg/L		03/27/12 08:07	03/29/12 01:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	77	p	30 - 130	03/27/12 08:07	03/29/12 01:24	1
DCAA	428	X	30 - 130	03/27/12 08:07	03/29/12 01:24	1

## Method: 8151A - Herbicides (GC) - TCLP - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	2.5	H	2.5	2.5	mg/L		03/27/12 08:07	03/29/12 01:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	0	D	30 - 130	03/27/12 08:07	03/29/12 01:40	10

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-W-01**

**Date Collected: 03/01/12 15:48**

**Date Received: 03/06/12 09:23**

**Lab Sample ID: 680-77386-10**

**Matrix: Waste**

## Method: 8151A - Herbicides (GC) - TCLP - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	0	D	30 - 130	03/27/12 08:07	03/29/12 01:40	10

## Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.97	U	0.97	0.97	mg/L		03/27/12 10:00	03/28/12 00:25	1
Barium	0.49	U	0.49	0.49	mg/L		03/27/12 10:00	03/28/12 00:25	1
Cadmium	0.24	U	0.24	0.24	mg/L		03/27/12 10:00	03/28/12 00:25	1
Chromium	1.4		0.49	0.49	mg/L		03/27/12 10:00	03/28/12 00:25	1
Silver	0.49	U	0.49	0.49	mg/L		03/27/12 10:00	03/28/12 00:25	1
Lead	0.49	U	0.49	0.49	mg/L		03/27/12 10:00	03/28/12 00:25	1
Selenium	0.97	U	0.97	0.97	mg/L		03/27/12 10:00	03/28/12 00:25	1

## Method: 7471A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.019	mg/L		03/27/12 10:07	03/27/12 16:32	1

## General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>140				Degrees F			03/27/12 15:52	1
pH	4.61	H			SU			03/26/12 18:00	1

**Client Sample ID: SHC-W-02**

**Date Collected: 03/01/12 16:04**

**Date Received: 03/06/12 09:23**

**Lab Sample ID: 680-77386-11**

**Matrix: Waste**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500
Chlorobenzene	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500
Tetrachloroethene	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500
Carbon tetrachloride	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500
Chloroform	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500
Benzene	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500
Vinyl chloride	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500
1,1-Dichloroethene	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500
2-Butanone	0.89	J	5.0	0.50	mg/L			03/12/12 19:47	500
Trichloroethene	0.50	U	0.50	0.050	mg/L			03/12/12 19:47	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		30 - 130		03/12/12 19:47	500
Dibromofluoromethane	97		30 - 130		03/12/12 19:47	500
Toluene-d8 (Surr)	109		30 - 130		03/12/12 19:47	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
Pyridine	4800	U H	4800	4800	mg/L		03/27/12 12:02	03/27/12 14:16	10
Hexachlorobenzene	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
2,4-Dinitrotoluene	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
Cresols	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
Hexachloroethane	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
Hexachlorobutadiene	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

Client Sample ID: SHC-W-02

Lab Sample ID: 680-77386-11

Date Collected: 03/01/12 16:04

Matrix: Waste

Date Received: 03/06/12 09:23

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	4800	U H	4800	4800	mg/L		03/27/12 12:02	03/27/12 14:16	10
2,4,6-Trichlorophenol	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
2,4,5-Trichlorophenol	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
Nitrobenzene	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
2-Methylphenol	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10
3 & 4 Methylphenol	960	U H	960	960	mg/L		03/27/12 12:02	03/27/12 14:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	10 - 130	03/27/12 12:02	03/27/12 14:16	10
2-Fluorophenol	0	D	10 - 130	03/27/12 12:02	03/27/12 14:16	10
Nitrobenzene-d5	0	D	10 - 130	03/27/12 12:02	03/27/12 14:16	10
Phenol-d5	0	D	10 - 130	03/27/12 12:02	03/27/12 14:16	10
Terphenyl-d14	0	D	10 - 130	03/27/12 12:02	03/27/12 14:16	10
2,4,6-Tribromophenol	0	D	10 - 130	03/27/12 12:02	03/27/12 14:16	10

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	950	U	950	950	ug/Kg		03/27/12 12:02	03/29/12 17:34	1
PCB-1221	1900	U	1900	1900	ug/Kg		03/27/12 12:02	03/29/12 17:34	1
PCB-1232	950	U	950	950	ug/Kg		03/27/12 12:02	03/29/12 17:34	1
PCB-1242	950	U	950	950	ug/Kg		03/27/12 12:02	03/29/12 17:34	1
PCB-1248	950	U	950	950	ug/Kg		03/27/12 12:02	03/29/12 17:34	1
PCB-1254	950	U	950	950	ug/Kg		03/27/12 12:02	03/29/12 17:34	1
PCB-1260	950	U	950	950	ug/Kg		03/27/12 12:02	03/29/12 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		30 - 130	03/27/12 12:02	03/29/12 17:34	1
DCB Decachlorobiphenyl	123		30 - 130	03/27/12 12:02	03/29/12 17:34	1
Tetrachloro-m-xylene	110		30 - 130	03/27/12 12:02	03/29/12 17:34	1
Tetrachloro-m-xylene	132	X	30 - 130	03/27/12 12:02	03/29/12 17:34	1

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	0.048	U H	0.048	0.048	mg/L		03/27/12 12:02	03/30/12 15:02	1
Chlordane (technical)	0.48	U H	0.48	0.48	mg/L		03/27/12 12:02	03/30/12 15:02	1
gamma-BHC (Lindane)	0.048	U H	0.048	0.048	mg/L		03/27/12 12:02	03/30/12 15:02	1
Endrin	0.096	U H	0.096	0.096	mg/L		03/27/12 12:02	03/30/12 15:02	1
Methoxychlor	0.48	U H	0.48	0.48	mg/L		03/27/12 12:02	03/30/12 15:02	1
Heptachlor	0.048	U H	0.048	0.048	mg/L		03/27/12 12:02	03/30/12 15:02	1
Toxaphene	4.8	U H	4.8	4.8	mg/L		03/27/12 12:02	03/30/12 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		30 - 130	03/27/12 12:02	03/30/12 15:02	1
Tetrachloro-m-xylene	93		30 - 130	03/27/12 12:02	03/30/12 15:02	1
DCB Decachlorobiphenyl	133	X	30 - 130	03/27/12 12:02	03/30/12 15:02	1
DCB Decachlorobiphenyl	149	X	30 - 130	03/27/12 12:02	03/30/12 15:02	1

## Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.50	U H	0.50	0.50	mg/L		03/27/12 08:07	03/29/12 01:56	1
Silvex (2,4,5-TP)	0.50	U H	0.50	0.50	mg/L		03/27/12 08:07	03/29/12 01:56	1
Pentachlorophenol	3.1	H E	0.25	0.25	mg/L		03/27/12 08:07	03/29/12 01:56	1



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-W-02**

**Lab Sample ID: 680-77386-11**

**Date Collected: 03/01/12 16:04**

**Matrix: Waste**

**Date Received: 03/06/12 09:23**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	77	p	30 - 130	03/27/12 08:07	03/29/12 01:56	1
DCAA	438	X	30 - 130	03/27/12 08:07	03/29/12 01:56	1

Method: 8151A - Herbicides (GC) - TCLP - DL									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	2.8	H	2.5	2.5	mg/L		03/27/12 08:07	03/29/12 02:12	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	0	D	30 - 130	03/27/12 08:07	03/29/12 02:12	10
DCAA	0	D	30 - 130	03/27/12 08:07	03/29/12 02:12	10

Method: 6010C - Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.92	U	0.92	0.92	mg/L		03/27/12 10:00	03/28/12 00:50	1
Barium	0.46	U	0.46	0.46	mg/L		03/27/12 10:00	03/28/12 00:50	1
Cadmium	0.60		0.23	0.23	mg/L		03/27/12 10:00	03/28/12 00:50	1
Chromium	0.46	U	0.46	0.46	mg/L		03/27/12 10:00	03/28/12 00:50	1
Silver	0.46	U	0.46	0.46	mg/L		03/27/12 10:00	03/28/12 00:50	1
Lead	0.46	U	0.46	0.46	mg/L		03/27/12 10:00	03/28/12 00:50	1
Selenium	0.92	U	0.92	0.92	mg/L		03/27/12 10:00	03/28/12 00:50	1

Method: 7471A - Mercury (CVAA) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.019	mg/L		03/27/12 10:07	03/27/12 16:35	1

General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>140				Degrees F			03/27/12 15:52	1
pH	4.75	H			SU			03/26/12 18:00	1

## Surrogate Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		TOL (65-130)	BFB (65-130)	DBFM (65-130)
680-77386-1	SHC-SS-BK01	83	102	102
680-77386-2	SHC-SB-BK-01	111	103	101
680-77386-3	SHC-SB-01	111	107	97
680-77386-4	SHC-SB-03	109	114	98
680-77386-5	SHC-SS-01	93	84	95
680-77386-6	SHC-SS-02	111	90	93
680-77386-7	SHC-SS-03	102	89	102
680-77386-8	SHC-SS-04	97	102	94
LCS 680-231383/4	Lab Control Sample	103	100	103
LCS 680-231658/4	Lab Control Sample	104	102	99
LCSD 680-231383/5	Lab Control Sample Dup	102	78	105
LCSD 680-231658/5	Lab Control Sample Dup	103	94	108
MB 680-231383/7	Method Blank	110	113	99
MB 680-231658/9	Method Blank	110	111	107

**Surrogate Legend**

TOL = Toluene-d8 (Surr)  
BFB = 4-Bromofluorobenzene  
DBFM = Dibromofluoromethane

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

Matrix: Waste

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		TOL (30-130)	BFB (30-130)	DBFM (30-130)
LCS 680-231613/4	Lab Control Sample	101	99	101
LCSD 680-231613/5	Lab Control Sample Dup	107	104	106
MB 680-231613/7	Method Blank	104	105	101

**Surrogate Legend**

TOL = Toluene-d8 (Surr)  
BFB = 4-Bromofluorobenzene  
DBFM = Dibromofluoromethane

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

Matrix: Waste

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (30-130)	DBFM (30-130)	TOL (30-130)
680-77386-10	SHC-W-01	107	98	107
680-77386-11	SHC-W-02	104	97	109

**Surrogate Legend**

BFB = 4-Bromofluorobenzene  
DBFM = Dibromofluoromethane  
TOL = Toluene-d8 (Surr)

## Surrogate Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Matrix: Waste

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (10-130)	2FP (10-130)	NBZ (10-130)	PHL (10-130)	TPH (10-130)	TBP (10-130)
LCS 680-232569/4-A	Lab Control Sample	103	105	109	101	105	123
LCSD 680-232569/5-A	Lab Control Sample Dup	98	102	105	96	102	114
MB 680-232569/3-A	Method Blank	93	103	105	93	102	121
<b>Surrogate Legend</b>							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPH = Terphenyl-d14							
TBP = 2,4,6-Tribromophenol							

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

Matrix: Waste

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (10-130)	2FP (10-130)	NBZ (10-130)	PHL (10-130)	TPH (10-130)	TBP (10-130)
680-77386-10	SHC-W-01	0 D	0 D	0 D	0 D	0 D	0 D
680-77386-11	SHC-W-02	0 D	0 D	0 D	0 D	0 D	0 D
<b>Surrogate Legend</b>							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPH = Terphenyl-d14							
TBP = 2,4,6-Tribromophenol							

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (46-130)	FBP (58-130)	TPH (60-130)	PHL (49-130)	2FP (40-130)	TBP (58-130)
680-77386-1	SHC-SS-BK01	63	66	71	64	61	74
680-77386-2	SHC-SB-BK-01	73	75	82	75	73	86
680-77386-3	SHC-SB-01	71	73	80	71	69	84
680-77386-3 MS	SHC-SB-01	72	72	80	76	74	85
680-77386-3 MSD	SHC-SB-01	73	75	87	75	72	89
680-77386-4	SHC-SB-03	0 D	0 D	0 D	0 D	0 D	0 D
680-77386-5	SHC-SS-01	0 D	0 D	0 D	0 D	0 D	0 D
680-77386-6	SHC-SS-02	0 D	0 D	0 D	0 D	0 D	0 D
680-77386-7	SHC-SS-03	0 D	0 D	0 D	0 D	0 D	0 D
680-77386-8	SHC-SS-04	0 D	0 D	0 D	0 D	0 D	0 D
680-77386-9	SHC-SS-05	0 D	0 D	0 D	0 D	0 D	0 D
LCS 680-231132/14-A	Lab Control Sample	74	76	83	78	74	83
MB 680-231132/13-A	Method Blank	69	69	80	71	69	78
<b>Surrogate Legend</b>							
NBZ = Nitrobenzene-d5 (Surr)							
FBP = 2-Fluorobiphenyl							



# Surrogate Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

TPH = Terphenyl-d14 (Surr)  
PHL = Phenol-d5 (Surr)  
2FP = 2-Fluorophenol (Surr)  
TBP = 2,4,6-Tribromophenol (Surr)

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas

### Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TCX1 (46-130)	TCX2 (46-130)	DCB1 (54-133)	DCB2 (54-133)
680-77386-1	SHC-SS-BK01	68	67	119	112
680-77386-2	SHC-SB-BK-01	86	87	104	99
680-77386-2 MS	SHC-SB-BK-01	86	85	100	100
680-77386-2 MS	SHC-SB-BK-01	93	88	94	93
680-77386-2 MSD	SHC-SB-BK-01	115	88	150 X	97 p
680-77386-2 MSD	SHC-SB-BK-01	99	96	111	106
680-77386-3	SHC-SB-01	51	51	56	56
680-77386-4	SHC-SB-03	128	189 X	180 X	79 p
680-77386-5	SHC-SS-01	0 D	0 D	0 D	0 D
680-77386-6	SHC-SS-02	0 D	0 D	0 D	0 D
680-77386-7	SHC-SS-03	0 D	0 D	0 D	0 D
680-77386-8	SHC-SS-04	0 D	0 D	0 D	0 D
680-77386-9	SHC-SS-05	0 D	0 D	0 D	0 D
LCS 680-230804/11-A	Lab Control Sample	49	50	57	54
LCS 680-230804/14-A	Lab Control Sample	99	94	109	104
MB 680-230804/10-A	Method Blank	102	99	116	107

#### Surrogate Legend

TCX = Tetrachloro-m-xylene  
DCB = DCB Decachlorobiphenyl

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas

### Chromatography

Matrix: Waste

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCB1 (30-130)	DCB2 (30-130)	TCX1 (30-130)	TCX2 (30-130)
680-77386-10	SHC-W-01	137 X	147 X	113	111
680-77386-10 MS	SHC-W-01	103	110	92	107
680-77386-10 MSD	SHC-W-01	115	119	97	118
680-77386-11	SHC-W-02	116	123	110	132 X
LCS 680-232577/4-A	Lab Control Sample	116	113	104	103
LCS 680-232579/4-A	Lab Control Sample	98	106	99	96
LCSD 680-232577/5-A	Lab Control Sample Dup	108	102	104	102
MB 680-232577/3-A	Method Blank	126	124	113	111
MB 680-232579/3-A	Method Blank	100	107	99	97

#### Surrogate Legend

DCB = DCB Decachlorobiphenyl  
TCX = Tetrachloro-m-xylene

## Surrogate Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

### Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas

#### Chromatography

Matrix: Waste

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TCX1 (30-130)	TCX2 (30-130)	DCB1 (30-130)	DCB2 (30-130)
680-77386-10	SHC-W-01	90	90	137 X	151 X
680-77386-11	SHC-W-02	96	93	133 X	149 X
<b>Surrogate Legend</b>					
TCX = Tetrachloro-m-xylene					
DCB = DCB Decachlorobiphenyl					

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

Matrix: Waste

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1 (30-130)	DCPA2 (30-130)
LCS 680-232533/4-A	Lab Control Sample	74	80
LCSD 680-232533/5-A	Lab Control Sample Dup	68	75
MB 680-232533/3-A	Method Blank	71	68
<b>Surrogate Legend</b>			
DCPA = DCAA			

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

Matrix: Waste

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1 (30-130)	DCPA2 (30-130)
680-77386-10	SHC-W-01	77 p	428 X
680-77386-10 - DL	SHC-W-01	0 D	0 D
680-77386-11 - DL	SHC-W-02	0 D	0 D
680-77386-11	SHC-W-02	77 p	438 X
<b>Surrogate Legend</b>			
DCPA = DCAA			

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: MB 680-231383/7

Matrix: Solid

Analysis Batch: 231383

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			03/13/12 11:35	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			03/13/12 11:35	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			03/13/12 11:35	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			03/13/12 11:35	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			03/13/12 11:35	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			03/13/12 11:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg			03/13/12 11:35	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			03/13/12 11:35	1
Acetone	50	U	50	11	ug/Kg			03/13/12 11:35	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			03/13/12 11:35	1
Methyl acetate	10	U	10	5.0	ug/Kg			03/13/12 11:35	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			03/13/12 11:35	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			03/13/12 11:35	1
Methyl tert-butyl ether	10	U	10	1.0	ug/Kg			03/13/12 11:35	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			03/13/12 11:35	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			03/13/12 11:35	1
2-Butanone	25	U	25	2.4	ug/Kg			03/13/12 11:35	1
Chloroform	5.0	U	5.0	1.1	ug/Kg			03/13/12 11:35	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			03/13/12 11:35	1
Cyclohexane	10	U	10	1.3	ug/Kg			03/13/12 11:35	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			03/13/12 11:35	1
Benzene	5.0	U	5.0	0.73	ug/Kg			03/13/12 11:35	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			03/13/12 11:35	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			03/13/12 11:35	1
Methylcyclohexane	10	U	10	0.86	ug/Kg			03/13/12 11:35	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			03/13/12 11:35	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			03/13/12 11:35	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.83	ug/Kg			03/13/12 11:35	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			03/13/12 11:35	1
Toluene	5.0	U	5.0	0.84	ug/Kg			03/13/12 11:35	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			03/13/12 11:35	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			03/13/12 11:35	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			03/13/12 11:35	1
2-Hexanone	25	U	25	3.3	ug/Kg			03/13/12 11:35	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			03/13/12 11:35	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			03/13/12 11:35	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			03/13/12 11:35	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			03/13/12 11:35	1
Xylenes, Total	10	U	10	1.1	ug/Kg			03/13/12 11:35	1
Styrene	5.0	U	5.0	0.93	ug/Kg			03/13/12 11:35	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			03/13/12 11:35	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			03/13/12 11:35	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			03/13/12 11:35	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			03/13/12 11:35	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			03/13/12 11:35	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			03/13/12 11:35	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			03/13/12 11:35	1
1,2,4-Trichlorobenzene	0.902	J	5.0	0.89	ug/Kg			03/13/12 11:35	1



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: MB 680-231383/7

Matrix: Solid

Analysis Batch: 231383

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		65 - 130		03/13/12 11:35	1
4-Bromofluorobenzene	113		65 - 130		03/13/12 11:35	1
Dibromofluoromethane	99		65 - 130		03/13/12 11:35	1

Lab Sample ID: LCS 680-231383/4

Matrix: Solid

Analysis Batch: 231383

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	55.0		ug/Kg		110	41 - 137
Chloromethane	50.0	52.7		ug/Kg		105	62 - 135
Bromomethane	50.0	50.5		ug/Kg		101	44 - 130
Chloroethane	50.0	52.7		ug/Kg		105	36 - 150
Trichlorofluoromethane	50.0	50.9		ug/Kg		102	68 - 130
Vinyl chloride	50.0	51.8		ug/Kg		104	65 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.3		ug/Kg		105	70 - 130
1,1-Dichloroethene	50.0	51.4		ug/Kg		103	69 - 130
Acetone	100	119		ug/Kg		119	42 - 130
Carbon disulfide	50.0	51.5		ug/Kg		103	40 - 136
Methyl acetate	50.0	51.5		ug/Kg		103	52 - 134
Methylene Chloride	50.0	56.1		ug/Kg		112	52 - 135
trans-1,2-Dichloroethene	50.0	52.7		ug/Kg		105	70 - 130
Methyl tert-butyl ether	100	106		ug/Kg		106	70 - 130
1,1-Dichloroethane	50.0	49.6		ug/Kg		99	70 - 130
cis-1,2-Dichloroethene	50.0	50.1		ug/Kg		100	70 - 130
2-Butanone	100	107		ug/Kg		107	70 - 130
Chloroform	50.0	50.9		ug/Kg		102	70 - 130
1,1,1-Trichloroethane	50.0	48.6		ug/Kg		97	69 - 130
Cyclohexane	50.0	48.5		ug/Kg		97	70 - 130
Carbon tetrachloride	50.0	49.1		ug/Kg		98	68 - 130
Benzene	50.0	47.5		ug/Kg		95	70 - 130
1,2-Dichloroethane	50.0	48.0		ug/Kg		96	66 - 130
Trichloroethene	50.0	49.5		ug/Kg		99	70 - 130
Methylcyclohexane	50.0	49.0		ug/Kg		98	70 - 130
1,2-Dichloropropane	50.0	48.3		ug/Kg		97	70 - 130
Bromodichloromethane	50.0	50.1		ug/Kg		100	70 - 130
cis-1,3-Dichloropropene	50.0	50.9		ug/Kg		102	70 - 130
4-Methyl-2-pentanone	100	107		ug/Kg		107	64 - 130
Toluene	50.0	50.5		ug/Kg		101	70 - 130
trans-1,3-Dichloropropene	50.0	53.6		ug/Kg		107	69 - 130
1,1,2-Trichloroethane	50.0	55.4		ug/Kg		111	70 - 130
Tetrachloroethene	50.0	51.7		ug/Kg		103	70 - 130
2-Hexanone	100	103		ug/Kg		103	65 - 130
Dibromochloromethane	50.0	50.2		ug/Kg		100	70 - 130
1,2-Dibromoethane	50.0	49.8		ug/Kg		100	70 - 130
Chlorobenzene	50.0	49.3		ug/Kg		99	70 - 130
Ethylbenzene	50.0	49.3		ug/Kg		99	70 - 130
Xylenes, Total	150	150		ug/Kg		100	70 - 130
Styrene	50.0	49.7		ug/Kg		99	70 - 130

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCS 680-231383/4

Matrix: Solid

Analysis Batch: 231383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromofom	50.0	49.6		ug/Kg		99	70 - 130
Isopropylbenzene	50.0	48.7		ug/Kg		97	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.3		ug/Kg		99	70 - 130
1,3-Dichlorobenzene	50.0	49.6		ug/Kg		99	70 - 130
1,4-Dichlorobenzene	50.0	48.8		ug/Kg		98	70 - 130
1,2-Dichlorobenzene	50.0	49.9		ug/Kg		100	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.6		ug/Kg		97	67 - 130
1,2,4-Trichlorobenzene	50.0	49.9		ug/Kg		100	68 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	103		65 - 130
4-Bromofluorobenzene	100		65 - 130
Dibromofluoromethane	103		65 - 130

Lab Sample ID: LCSD 680-231383/5

Matrix: Solid

Analysis Batch: 231383

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	44.7		ug/Kg		89	41 - 137	21	50
Chloromethane	50.0	43.5		ug/Kg		87	62 - 135	19	50
Bromomethane	50.0	41.5		ug/Kg		83	44 - 130	20	50
Chloroethane	50.0	43.6		ug/Kg		87	36 - 150	19	50
Trichlorofluoromethane	50.0	42.7		ug/Kg		85	68 - 130	18	50
Vinyl chloride	50.0	42.5		ug/Kg		85	65 - 135	20	50
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.6		ug/Kg		83	70 - 130	23	50
1,1-Dichloroethene	50.0	42.8		ug/Kg		86	69 - 130	18	50
Acetone	100	97.8		ug/Kg		98	42 - 130	20	50
Carbon disulfide	50.0	38.0		ug/Kg		76	40 - 136	30	50
Methyl acetate	50.0	43.4		ug/Kg		87	52 - 134	17	50
Methylene Chloride	50.0	47.7		ug/Kg		95	52 - 135	16	50
trans-1,2-Dichloroethene	50.0	49.5		ug/Kg		99	70 - 130	6	50
Methyl tert-butyl ether	100	96.5		ug/Kg		96	70 - 130	10	50
1,1-Dichloroethane	50.0	53.4		ug/Kg		107	70 - 130	7	50
cis-1,2-Dichloroethene	50.0	54.0		ug/Kg		108	70 - 130	7	50
2-Butanone	100	112		ug/Kg		112	70 - 130	4	50
Chloroform	50.0	52.8		ug/Kg		106	70 - 130	4	50
1,1,1-Trichloroethane	50.0	46.9		ug/Kg		94	69 - 130	4	50
Cyclohexane	50.0	48.7		ug/Kg		97	70 - 130	0	50
Carbon tetrachloride	50.0	46.3		ug/Kg		93	68 - 130	6	50
Benzene	50.0	48.6		ug/Kg		97	70 - 130	2	50
1,2-Dichloroethane	50.0	44.9		ug/Kg		90	66 - 130	7	50
Trichloroethene	50.0	47.5		ug/Kg		95	70 - 130	4	50
Methylcyclohexane	50.0	48.7		ug/Kg		97	70 - 130	1	50
1,2-Dichloropropane	50.0	49.7		ug/Kg		99	70 - 130	3	50
Bromodichloromethane	50.0	47.2		ug/Kg		94	70 - 130	6	50
cis-1,3-Dichloropropene	50.0	49.3		ug/Kg		99	70 - 130	3	50
4-Methyl-2-pentanone	100	101		ug/Kg		101	64 - 130	6	50
Toluene	50.0	50.1		ug/Kg		100	70 - 130	1	50

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCSD 680-231383/5

Matrix: Solid

Analysis Batch: 231383

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	47.9		ug/Kg		96	69 - 130	11	50
1,1,2-Trichloroethane	50.0	50.8		ug/Kg		102	70 - 130	9	50
Tetrachloroethene	50.0	47.9		ug/Kg		96	70 - 130	8	50
2-Hexanone	100	101		ug/Kg		101	65 - 130	3	50
Dibromochloromethane	50.0	48.8		ug/Kg		98	70 - 130	3	50
1,2-Dibromoethane	50.0	47.7		ug/Kg		95	70 - 130	4	50
Chlorobenzene	50.0	47.7		ug/Kg		95	70 - 130	3	50
Ethylbenzene	50.0	47.7		ug/Kg		95	70 - 130	3	50
Xylenes, Total	150	131		ug/Kg		88	70 - 130	13	50
Styrene	50.0	39.2		ug/Kg		78	70 - 130	23	50
Bromoform	50.0	39.8		ug/Kg		80	70 - 130	22	50
Isopropylbenzene	50.0	39.1		ug/Kg		78	70 - 130	22	50
1,1,2,2-Tetrachloroethane	50.0	37.9		ug/Kg		76	70 - 130	26	50
1,3-Dichlorobenzene	50.0	38.2		ug/Kg		76	70 - 130	26	50
1,4-Dichlorobenzene	50.0	38.4		ug/Kg		77	70 - 130	24	50
1,2-Dichlorobenzene	50.0	38.0		ug/Kg		76	70 - 130	27	50
1,2-Dibromo-3-Chloropropane	50.0	38.9		ug/Kg		78	67 - 130	22	50
1,2,4-Trichlorobenzene	50.0	38.2		ug/Kg		76	68 - 130	27	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	102		65 - 130
4-Bromofluorobenzene	78		65 - 130
Dibromofluoromethane	105		65 - 130

Lab Sample ID: MB 680-231613/7

Matrix: Waste

Analysis Batch: 231613

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1
2-Butanone	0.010	U	0.010	0.0010	mg/L			03/12/12 12:55	1
Chloroform	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1
Carbon tetrachloride	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1
Benzene	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1
Trichloroethene	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1
Tetrachloroethene	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1
Chlorobenzene	0.0010	U	0.0010	0.00010	mg/L			03/12/12 12:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		30 - 130		03/12/12 12:55	1
4-Bromofluorobenzene	105		30 - 130		03/12/12 12:55	1
Dibromofluoromethane	101		30 - 130		03/12/12 12:55	1



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCS 680-231613/4

Matrix: Waste

Analysis Batch: 231613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	0.0500	0.0572		mg/L		114	30 - 130
1,1-Dichloroethene	0.0500	0.0498		mg/L		100	30 - 130
2-Butanone	0.100	0.129		mg/L		129	30 - 130
Chloroform	0.0500	0.0498		mg/L		100	30 - 130
Carbon tetrachloride	0.0500	0.0546		mg/L		109	30 - 130
Benzene	0.0500	0.0489		mg/L		98	30 - 130
1,2-Dichloroethane	0.0500	0.0497		mg/L		99	30 - 130
Trichloroethene	0.0500	0.0513		mg/L		103	30 - 130
Tetrachloroethene	0.0500	0.0515		mg/L		103	30 - 130
Chlorobenzene	0.0500	0.0497		mg/L		99	30 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	101		30 - 130
4-Bromofluorobenzene	99		30 - 130
Dibromofluoromethane	101		30 - 130

Lab Sample ID: LCSD 680-231613/5

Matrix: Waste

Analysis Batch: 231613

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	0.0500	0.0595		mg/L		119	30 - 130	4	50
1,1-Dichloroethene	0.0500	0.0508		mg/L		102	30 - 130	2	50
2-Butanone	0.100	0.130		mg/L		130	30 - 130	1	50
Chloroform	0.0500	0.0512		mg/L		102	30 - 130	3	50
Carbon tetrachloride	0.0500	0.0587		mg/L		117	30 - 130	7	50
Benzene	0.0500	0.0530		mg/L		106	30 - 130	8	50
1,2-Dichloroethane	0.0500	0.0528		mg/L		106	30 - 130	6	50
Trichloroethene	0.0500	0.0548		mg/L		110	30 - 130	7	50
Tetrachloroethene	0.0500	0.0542		mg/L		108	30 - 130	5	50
Chlorobenzene	0.0500	0.0533		mg/L		107	30 - 130	7	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	107		30 - 130
4-Bromofluorobenzene	104		30 - 130
Dibromofluoromethane	106		30 - 130

Lab Sample ID: MB 680-231658/9

Matrix: Solid

Analysis Batch: 231658

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			03/15/12 13:50	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			03/15/12 13:50	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			03/15/12 13:50	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			03/15/12 13:50	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			03/15/12 13:50	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			03/15/12 13:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg			03/15/12 13:50	1

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: MB 680-231658/9

Matrix: Solid

Analysis Batch: 231658

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			03/15/12 13:50	1
Acetone	50	U	50	11	ug/Kg			03/15/12 13:50	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			03/15/12 13:50	1
Methyl acetate	10	U	10	5.0	ug/Kg			03/15/12 13:50	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			03/15/12 13:50	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			03/15/12 13:50	1
Methyl tert-butyl ether	10	U	10	1.0	ug/Kg			03/15/12 13:50	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			03/15/12 13:50	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			03/15/12 13:50	1
2-Butanone	25	U	25	2.4	ug/Kg			03/15/12 13:50	1
Chloroform	5.0	U	5.0	1.1	ug/Kg			03/15/12 13:50	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			03/15/12 13:50	1
Cyclohexane	10	U	10	1.3	ug/Kg			03/15/12 13:50	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			03/15/12 13:50	1
Benzene	5.0	U	5.0	0.73	ug/Kg			03/15/12 13:50	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			03/15/12 13:50	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			03/15/12 13:50	1
Methylcyclohexane	10	U	10	0.86	ug/Kg			03/15/12 13:50	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			03/15/12 13:50	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			03/15/12 13:50	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.83	ug/Kg			03/15/12 13:50	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			03/15/12 13:50	1
Toluene	5.0	U	5.0	0.84	ug/Kg			03/15/12 13:50	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			03/15/12 13:50	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			03/15/12 13:50	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			03/15/12 13:50	1
2-Hexanone	25	U	25	3.3	ug/Kg			03/15/12 13:50	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			03/15/12 13:50	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			03/15/12 13:50	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			03/15/12 13:50	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			03/15/12 13:50	1
Xylenes, Total	10	U	10	1.1	ug/Kg			03/15/12 13:50	1
Styrene	5.0	U	5.0	0.93	ug/Kg			03/15/12 13:50	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			03/15/12 13:50	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			03/15/12 13:50	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			03/15/12 13:50	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			03/15/12 13:50	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			03/15/12 13:50	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			03/15/12 13:50	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			03/15/12 13:50	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.89	ug/Kg			03/15/12 13:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		65 - 130					03/15/12 13:50	1
4-Bromofluorobenzene	111		65 - 130					03/15/12 13:50	1
Dibromofluoromethane	107		65 - 130					03/15/12 13:50	1

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCS 680-231658/4

Matrix: Solid

Analysis Batch: 231658

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	40.8		ug/Kg		82	41 - 137
Chloromethane	50.0	42.9		ug/Kg		86	62 - 135
Bromomethane	50.0	35.5		ug/Kg		71	44 - 130
Chloroethane	50.0	34.7		ug/Kg		69	36 - 150
Trichlorofluoromethane	50.0	36.8		ug/Kg		74	68 - 130
Vinyl chloride	50.0	38.5		ug/Kg		77	65 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	37.0		ug/Kg		74	70 - 130
1,1-Dichloroethene	50.0	36.7		ug/Kg		73	69 - 130
Acetone	100	100		ug/Kg		100	42 - 130
Carbon disulfide	50.0	33.7		ug/Kg		67	40 - 136
Methyl acetate	50.0	43.3		ug/Kg		87	52 - 134
Methylene Chloride	50.0	41.9		ug/Kg		84	52 - 135
trans-1,2-Dichloroethene	50.0	44.1		ug/Kg		88	70 - 130
Methyl tert-butyl ether	100	90.8		ug/Kg		91	70 - 130
1,1-Dichloroethane	50.0	48.4		ug/Kg		97	70 - 130
cis-1,2-Dichloroethene	50.0	49.9		ug/Kg		100	70 - 130
2-Butanone	100	114		ug/Kg		114	70 - 130
Chloroform	50.0	49.4		ug/Kg		99	70 - 130
1,1,1-Trichloroethane	50.0	47.1		ug/Kg		94	69 - 130
Cyclohexane	50.0	47.0		ug/Kg		94	70 - 130
Carbon tetrachloride	50.0	47.8		ug/Kg		96	68 - 130
Benzene	50.0	49.2		ug/Kg		98	70 - 130
1,2-Dichloroethane	50.0	46.8		ug/Kg		94	66 - 130
Trichloroethene	50.0	50.3		ug/Kg		101	70 - 130
Methylcyclohexane	50.0	47.1		ug/Kg		94	70 - 130
1,2-Dichloropropane	50.0	50.0		ug/Kg		100	70 - 130
Bromodichloromethane	50.0	51.0		ug/Kg		102	70 - 130
cis-1,3-Dichloropropene	50.0	50.1		ug/Kg		100	70 - 130
4-Methyl-2-pentanone	100	111		ug/Kg		111	64 - 130
Toluene	50.0	51.9		ug/Kg		104	70 - 130
trans-1,3-Dichloropropene	50.0	49.6		ug/Kg		99	69 - 130
1,1,2-Trichloroethane	50.0	55.2		ug/Kg		110	70 - 130
Tetrachloroethene	50.0	48.2		ug/Kg		96	70 - 130
2-Hexanone	100	108		ug/Kg		108	65 - 130
Dibromochloromethane	50.0	51.3		ug/Kg		103	70 - 130
1,2-Dibromoethane	50.0	53.2		ug/Kg		106	70 - 130
Chlorobenzene	50.0	52.2		ug/Kg		104	70 - 130
Ethylbenzene	50.0	50.7		ug/Kg		101	70 - 130
Xylenes, Total	150	151		ug/Kg		101	70 - 130
Styrene	50.0	50.7		ug/Kg		101	70 - 130
Bromoform	50.0	48.9		ug/Kg		98	70 - 130
Isopropylbenzene	50.0	50.4		ug/Kg		101	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.7		ug/Kg		109	70 - 130
1,3-Dichlorobenzene	50.0	48.5		ug/Kg		97	70 - 130
1,4-Dichlorobenzene	50.0	47.7		ug/Kg		95	70 - 130
1,2-Dichlorobenzene	50.0	48.1		ug/Kg		96	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.0		ug/Kg		104	67 - 130
1,2,4-Trichlorobenzene	50.0	47.3		ug/Kg		95	68 - 130



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCS 680-231658/4

Matrix: Solid

Analysis Batch: 231658

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	104		65 - 130
4-Bromofluorobenzene	102		65 - 130
Dibromofluoromethane	99		65 - 130

Lab Sample ID: LCSD 680-231658/5

Matrix: Solid

Analysis Batch: 231658

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	46.8		ug/Kg		94	41 - 137	14	50
Chloromethane	50.0	46.1		ug/Kg		92	62 - 135	7	50
Bromomethane	50.0	40.9		ug/Kg		82	44 - 130	14	50
Chloroethane	50.0	42.6		ug/Kg		85	36 - 150	20	50
Trichlorofluoromethane	50.0	41.7		ug/Kg		83	68 - 130	12	50
Vinyl chloride	50.0	43.0		ug/Kg		86	65 - 135	11	50
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	42.0		ug/Kg		84	70 - 130	13	50
1,1-Dichloroethene	50.0	43.3		ug/Kg		87	69 - 130	16	50
Acetone	100	119		ug/Kg		119	42 - 130	17	50
Carbon disulfide	50.0	36.5		ug/Kg		73	40 - 136	8	50
Methyl acetate	50.0	45.2		ug/Kg		90	52 - 134	4	50
Methylene Chloride	50.0	48.6		ug/Kg		97	52 - 135	15	50
trans-1,2-Dichloroethene	50.0	50.2		ug/Kg		100	70 - 130	13	50
Methyl tert-butyl ether	100	99.2		ug/Kg		99	70 - 130	9	50
1,1-Dichloroethane	50.0	53.7		ug/Kg		107	70 - 130	10	50
cis-1,2-Dichloroethene	50.0	54.6		ug/Kg		109	70 - 130	9	50
2-Butanone	100	134 *		ug/Kg		134	70 - 130	16	50
Chloroform	50.0	53.8		ug/Kg		108	70 - 130	8	50
1,1,1-Trichloroethane	50.0	47.7		ug/Kg		95	69 - 130	1	50
Cyclohexane	50.0	50.7		ug/Kg		101	70 - 130	8	50
Carbon tetrachloride	50.0	46.4		ug/Kg		93	68 - 130	3	50
Benzene	50.0	51.6		ug/Kg		103	70 - 130	5	50
1,2-Dichloroethane	50.0	45.8		ug/Kg		92	66 - 130	2	50
Trichloroethene	50.0	51.1		ug/Kg		102	70 - 130	2	50
Methylcyclohexane	50.0	51.3		ug/Kg		103	70 - 130	9	50
1,2-Dichloropropane	50.0	51.4		ug/Kg		103	70 - 130	3	50
Bromodichloromethane	50.0	48.5		ug/Kg		97	70 - 130	5	50
cis-1,3-Dichloropropene	50.0	50.9		ug/Kg		102	70 - 130	2	50
4-Methyl-2-pentanone	100	111		ug/Kg		111	64 - 130	0	50
Toluene	50.0	53.3		ug/Kg		107	70 - 130	3	50
trans-1,3-Dichloropropene	50.0	48.5		ug/Kg		97	69 - 130	2	50
1,1,2-Trichloroethane	50.0	53.7		ug/Kg		107	70 - 130	3	50
Tetrachloroethene	50.0	50.7		ug/Kg		101	70 - 130	5	50
2-Hexanone	100	118		ug/Kg		118	65 - 130	9	50
Dibromochloromethane	50.0	48.4		ug/Kg		97	70 - 130	6	50
1,2-Dibromoethane	50.0	49.0		ug/Kg		98	70 - 130	8	50
Chlorobenzene	50.0	50.2		ug/Kg		100	70 - 130	4	50
Ethylbenzene	50.0	49.9		ug/Kg		100	70 - 130	2	50
Xylenes, Total	150	150		ug/Kg		100	70 - 130	1	50
Styrene	50.0	49.1		ug/Kg		98	70 - 130	3	50

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCSD 680-231658/5

Matrix: Solid

Analysis Batch: 231658

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
Bromoform	50.0	44.3		ug/Kg		89	70 - 130	10	50
Isopropylbenzene	50.0	46.9		ug/Kg		94	70 - 130	7	50
1,1,2,2-Tetrachloroethane	50.0	48.7		ug/Kg		97	70 - 130	12	50
1,3-Dichlorobenzene	50.0	42.2		ug/Kg		84	70 - 130	14	50
1,4-Dichlorobenzene	50.0	40.3		ug/Kg		81	70 - 130	17	50
1,2-Dichlorobenzene	50.0	37.0		ug/Kg		74	70 - 130	26	50
1,2-Dibromo-3-Chloropropane	50.0	40.1		ug/Kg		80	67 - 130	26	50
1,2,4-Trichlorobenzene	50.0	37.6		ug/Kg		75	68 - 130	23	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	103		65 - 130
4-Bromofluorobenzene	94		65 - 130
Dibromofluoromethane	108		65 - 130

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

Lab Sample ID: MB 680-232569/3-A

Matrix: Waste

Analysis Batch: 232586

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
Pyridine	500	U	500	500	mg/L		03/27/12 12:02	03/27/12 12:25	1
Hexachlorobenzene	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
2,4-Dinitrotoluene	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
Cresols	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
Hexachloroethane	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
Hexachlorobutadiene	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
Pentachlorophenol	500	U	500	500	mg/L		03/27/12 12:02	03/27/12 12:25	1
2,4,6-Trichlorophenol	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
2,4,5-Trichlorophenol	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
Nitrobenzene	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
2-Methylphenol	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1
3 & 4 Methylphenol	100	U	100	100	mg/L		03/27/12 12:02	03/27/12 12:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93		10 - 130	03/27/12 12:02	03/27/12 12:25	1
2-Fluorophenol	103		10 - 130	03/27/12 12:02	03/27/12 12:25	1
Nitrobenzene-d5	105		10 - 130	03/27/12 12:02	03/27/12 12:25	1
Phenol-d5	93		10 - 130	03/27/12 12:02	03/27/12 12:25	1
Terphenyl-d14	102		10 - 130	03/27/12 12:02	03/27/12 12:25	1
2,4,6-Tribromophenol	121		10 - 130	03/27/12 12:02	03/27/12 12:25	1

Lab Sample ID: LCS 680-232569/4-A

Matrix: Waste

Analysis Batch: 232586

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232569

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	500	460		mg/L		92	30 - 130

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCS 680-232569/4-A

Matrix: Waste

Analysis Batch: 232586

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232569

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	500	500	U	mg/L		89	30 - 130
Hexachlorobenzene	500	459		mg/L		92	30 - 130
2,4-Dinitrotoluene	500	487		mg/L		97	30 - 130
Cresols	1000	869		mg/L		87	30 - 130
Hexachloroethane	500	512		mg/L		102	30 - 130
Hexachlorobutadiene	500	505		mg/L		101	30 - 130
Pentachlorophenol	500	500	U	mg/L		88	30 - 130
2,4,6-Trichlorophenol	500	449		mg/L		90	30 - 130
2,4,5-Trichlorophenol	500	457		mg/L		91	30 - 130
Nitrobenzene	500	469		mg/L		94	30 - 130
2-Methylphenol	500	465		mg/L		93	30 - 130
3 & 4 Methylphenol	500	404		mg/L		81	30 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	103		10 - 130
2-Fluorophenol	105		10 - 130
Nitrobenzene-d5	109		10 - 130
Phenol-d5	101		10 - 130
Terphenyl-d14	105		10 - 130
2,4,6-Tribromophenol	123		10 - 130

Lab Sample ID: LCSD 680-232569/5-A

Matrix: Waste

Analysis Batch: 232586

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 232569

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	500	468		mg/L		94	30 - 130	2	50
Pyridine	500	500	U	mg/L		94	30 - 130	5	50
Hexachlorobenzene	500	468		mg/L		94	30 - 130	2	50
2,4-Dinitrotoluene	500	487		mg/L		97	30 - 130	0	50
Cresols	1000	860		mg/L		86	30 - 130	1	50
Hexachloroethane	500	521		mg/L		104	30 - 130	2	50
Hexachlorobutadiene	500	527		mg/L		105	30 - 130	4	50
Pentachlorophenol	500	500	U	mg/L		90	30 - 130	2	50
2,4,6-Trichlorophenol	500	464		mg/L		93	30 - 130	3	50
2,4,5-Trichlorophenol	500	469		mg/L		94	30 - 130	3	50
Nitrobenzene	500	492		mg/L		98	30 - 130	5	50
2-Methylphenol	500	459		mg/L		92	30 - 130	1	50
3 & 4 Methylphenol	500	402		mg/L		80	30 - 130	1	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	98		10 - 130
2-Fluorophenol	102		10 - 130
Nitrobenzene-d5	105		10 - 130
Phenol-d5	96		10 - 130
Terphenyl-d14	102		10 - 130
2,4,6-Tribromophenol	114		10 - 130



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: MB 680-231132/13-A

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 231132

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	330	U	330	58	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Phenol	330	U	330	34	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Bis(2-chloroethyl)ether	330	U	330	45	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2-Chlorophenol	330	U	330	40	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2-Methylphenol	330	U	330	27	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
bis (2-chloroisopropyl) ether	330	U	330	30	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Acetophenone	330	U	330	28	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
3 & 4 Methylphenol	330	U	330	43	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
N-Nitrosodi-n-propylamine	330	U	330	32	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Hexachloroethane	330	U	330	28	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Nitrobenzene	330	U	330	26	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Isophorone	330	U	330	33	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2-Nitrophenol	330	U	330	41	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2,4-Dimethylphenol	330	U	330	44	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Bis(2-chloroethoxy)methane	330	U	330	39	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2,4-Dichlorophenol	330	U	330	35	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Naphthalene	330	U	330	30	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
4-Chloroaniline	660	U	660	52	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Hexachlorobutadiene	330	U	330	36	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Caprolactam	330	U	330	66	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
4-Chloro-3-methylphenol	330	U	330	35	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2-Methylnaphthalene	330	U	330	38	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Hexachlorocyclopentadiene	330	U	330	41	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2,4,6-Trichlorophenol	330	U	330	29	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2,4,5-Trichlorophenol	330	U	330	35	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
1,1'-Biphenyl	330	U	330	740	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2-Chloronaphthalene	330	U	330	35	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2-Nitroaniline	1700	U	1700	45	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Dimethyl phthalate	330	U	330	34	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2,6-Dinitrotoluene	330	U	330	42	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Acenaphthylene	330	U	330	36	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
3-Nitroaniline	1700	U	1700	46	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Acenaphthene	330	U	330	41	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2,4-Dinitrophenol	1700	U	1700	830	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
4-Nitrophenol	1700	U	1700	330	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Dibenzofuran	330	U	330	33	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
2,4-Dinitrotoluene	330	U	330	49	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Diethyl phthalate	330	U	330	37	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Fluorene	330	U	330	36	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
4-Chlorophenyl phenyl ether	330	U	330	44	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
4-Nitroaniline	1700	U	1700	49	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
4,6-Dinitro-2-methylphenol	1700	U	1700	170	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
N-Nitrosodiphenylamine	330	U	330	33	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
4-Bromophenyl phenyl ether	330	U	330	36	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Hexachlorobenzene	330	U	330	39	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Atrazine	330	U	330	23	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Pentachlorophenol	1700	U	1700	330	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Phenanthrene	330	U	330	27	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Anthracene	330	U	330	25	ug/Kg		03/09/12 18:40	03/15/12 12:55	1

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: MB 680-231132/13-A

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 231132

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	330	U	330	30	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Di-n-butyl phthalate	330	U	330	30	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Fluoranthene	330	U	330	32	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Pyrene	330	U	330	27	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Butyl benzyl phthalate	330	U	330	26	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
3,3'-Dichlorobenzidine	660	U	660	28	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Benzo[a]anthracene	330	U	330	27	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Chrysene	330	U	330	21	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Bis(2-ethylhexyl) phthalate	330	U	330	29	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Di-n-octyl phthalate	330	U	330	29	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Benzo[b]fluoranthene	330	U	330	38	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Benzo[k]fluoranthene	330	U	330	65	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Benzo[a]pyrene	330	U	330	52	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Indeno[1,2,3-cd]pyrene	330	U	330	28	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Dibenz[a,h]anthracene	330	U	330	39	ug/Kg		03/09/12 18:40	03/15/12 12:55	1
Benzo[g,h,i]perylene	330	U	330	22	ug/Kg		03/09/12 18:40	03/15/12 12:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	69		46 - 130	03/09/12 18:40	03/15/12 12:55	1
2-Fluorobiphenyl	69		58 - 130	03/09/12 18:40	03/15/12 12:55	1
Terphenyl-d14 (Surr)	80		60 - 130	03/09/12 18:40	03/15/12 12:55	1
Phenol-d5 (Surr)	71		49 - 130	03/09/12 18:40	03/15/12 12:55	1
2-Fluorophenol (Surr)	69		40 - 130	03/09/12 18:40	03/15/12 12:55	1
2,4,6-Tribromophenol (Surr)	78		58 - 130	03/09/12 18:40	03/15/12 12:55	1

Lab Sample ID: LCS 680-231132/14-A

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 231132

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzaldehyde	3330	270	J *	ug/Kg		8	10 - 130
Phenol	3330	2480		ug/Kg		74	46 - 130
Bis(2-chloroethyl)ether	3330	2660		ug/Kg		80	42 - 130
2-Chlorophenol	3330	2520		ug/Kg		76	51 - 130
2-Methylphenol	3330	2490		ug/Kg		75	49 - 130
bis (2-chloroisopropyl) ether	3330	2610		ug/Kg		78	44 - 130
Acetophenone	3330	2170		ug/Kg		65	42 - 130
3 & 4 Methylphenol	3330	2560		ug/Kg		77	50 - 130
N-Nitrosodi-n-propylamine	3330	2750		ug/Kg		83	48 - 130
Hexachloroethane	3330	2310		ug/Kg		70	44 - 130
Nitrobenzene	3330	2480		ug/Kg		75	43 - 130
Isophorone	3330	2500		ug/Kg		75	48 - 130
2-Nitrophenol	3330	2440		ug/Kg		73	45 - 130
2,4-Dimethylphenol	3330	2500		ug/Kg		75	47 - 130
Bis(2-chloroethoxy)methane	3330	2720		ug/Kg		82	56 - 130
2,4-Dichlorophenol	3330	2430		ug/Kg		73	53 - 130
Naphthalene	3330	2560		ug/Kg		77	54 - 130
4-Chloroaniline	3330	655	J *	ug/Kg		20	36 - 130
Hexachlorobutadiene	3330	2600		ug/Kg		78	47 - 130

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCS 680-231132/14-A

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 231132

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Caprolactam	3330	3000		ug/Kg		90	52 - 130
4-Chloro-3-methylphenol	3330	2480		ug/Kg		74	52 - 130
2-Methylnaphthalene	3330	2490		ug/Kg		75	55 - 130
Hexachlorocyclopentadiene	3330	2620		ug/Kg		79	35 - 130
2,4,6-Trichlorophenol	3330	2590		ug/Kg		78	53 - 130
2,4,5-Trichlorophenol	3330	2430		ug/Kg		73	60 - 130
1,1'-Biphenyl	3330	2650		ug/Kg		80	57 - 130
2-Chloronaphthalene	3330	2480		ug/Kg		74	55 - 130
2-Nitroaniline	3330	2920		ug/Kg		88	52 - 130
Dimethyl phthalate	3330	2750		ug/Kg		83	63 - 130
2,6-Dinitrotoluene	3330	2740		ug/Kg		82	57 - 130
Acenaphthylene	3330	2790		ug/Kg		84	58 - 130
3-Nitroaniline	3330	2140		ug/Kg		64	42 - 130
Acenaphthene	3330	2630		ug/Kg		79	58 - 130
2,4-Dinitrophenol	3330	1540	J	ug/Kg		46	10 - 154
4-Nitrophenol	3330	3270		ug/Kg		98	30 - 130
Dibenzofuran	3330	2700		ug/Kg		81	56 - 130
2,4-Dinitrotoluene	3330	2780		ug/Kg		84	55 - 130
Diethyl phthalate	3330	3000		ug/Kg		90	62 - 130
Fluorene	3330	2580		ug/Kg		78	58 - 130
4-Chlorophenyl phenyl ether	3330	2710		ug/Kg		81	61 - 130
4-Nitroaniline	3330	2200		ug/Kg		66	49 - 130
4,6-Dinitro-2-methylphenol	3330	1910		ug/Kg		57	14 - 137
N-Nitrosodiphenylamine	3330	2830		ug/Kg		85	62 - 130
4-Bromophenyl phenyl ether	3330	2770		ug/Kg		83	65 - 130
Hexachlorobenzene	3330	2550		ug/Kg		77	59 - 130
Atrazine	3330	2580		ug/Kg		77	54 - 141
Pentachlorophenol	3330	2370		ug/Kg		71	38 - 131
Phenanthrene	3330	2600		ug/Kg		78	61 - 130
Anthracene	3330	2540		ug/Kg		76	60 - 130
Carbazole	3330	2830		ug/Kg		85	60 - 130
Di-n-butyl phthalate	3330	2850		ug/Kg		85	65 - 130
Fluoranthene	3330	2710		ug/Kg		81	62 - 130
Pyrene	3330	2940		ug/Kg		88	59 - 130
Butyl benzyl phthalate	3330	3070		ug/Kg		92	65 - 134
3,3'-Dichlorobenzidine	3330	2100		ug/Kg		63	45 - 130
Benzo[a]anthracene	3330	3000		ug/Kg		90	62 - 130
Chrysene	3330	2670		ug/Kg		80	62 - 130
Bis(2-ethylhexyl) phthalate	3330	2820		ug/Kg		85	62 - 132
Di-n-octyl phthalate	3330	2990		ug/Kg		90	59 - 146
Benzo[b]fluoranthene	3330	2920		ug/Kg		88	53 - 130
Benzo[k]fluoranthene	3330	3110		ug/Kg		93	57 - 130
Benzo[a]pyrene	3330	3260		ug/Kg		98	68 - 131
Indeno[1,2,3-cd]pyrene	3330	2840		ug/Kg		85	52 - 130
Dibenz(a,h)anthracene	3330	2940		ug/Kg		88	56 - 130
Benzo[g,h,i]perylene	3330	2830		ug/Kg		85	54 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	74		46 - 130



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCS 680-231132/14-A

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 231132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	76		58 - 130
Terphenyl-d14 (Surr)	83		60 - 130
Phenol-d5 (Surr)	78		49 - 130
2-Fluorophenol (Surr)	74		40 - 130
2,4,6-Tribromophenol (Surr)	83		58 - 130

Lab Sample ID: 680-77386-3 MS

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: SHC-SB-01

Prep Type: Total/NA

Prep Batch: 231132

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzaldehyde	360	U *	3650	2800		ug/Kg	☼	77	10 - 130
Phenol	360	U	3650	2730		ug/Kg	☼	75	46 - 130
Bis(2-chloroethyl)ether	360	U	3650	2840		ug/Kg	☼	78	42 - 130
2-Chlorophenol	360	U	3650	2770		ug/Kg	☼	76	51 - 130
2-Methylphenol	360	U	3650	2810		ug/Kg	☼	77	49 - 130
bis (2-chloroisopropyl) ether	360	U	3650	2740		ug/Kg	☼	75	44 - 130
Acetophenone	360	U	3650	2580		ug/Kg	☼	71	42 - 130
3 & 4 Methylphenol	360	U	3650	2920		ug/Kg	☼	80	50 - 130
N-Nitrosodi-n-propylamine	360	U	3650	3010		ug/Kg	☼	82	48 - 130
Hexachloroethane	360	U	3650	2430		ug/Kg	☼	67	44 - 130
Nitrobenzene	360	U	3650	2700		ug/Kg	☼	74	43 - 130
Isophorone	360	U	3650	2780		ug/Kg	☼	76	48 - 130
2-Nitrophenol	360	U	3650	2690		ug/Kg	☼	74	45 - 130
2,4-Dimethylphenol	360	U	3650	2920		ug/Kg	☼	80	47 - 130
Bis(2-chloroethoxy)methane	360	U	3650	3000		ug/Kg	☼	82	56 - 130
2,4-Dichlorophenol	360	U	3650	2720		ug/Kg	☼	75	53 - 130
Naphthalene	360	U	3650	2750		ug/Kg	☼	75	54 - 130
4-Chloroaniline	720	U *	3650	1010	F	ug/Kg	☼	28	36 - 130
Hexachlorobutadiene	360	U	3650	2760		ug/Kg	☼	76	47 - 130
Caprolactam	360	U	3650	3160		ug/Kg	☼	87	52 - 130
4-Chloro-3-methylphenol	360	U	3650	3000		ug/Kg	☼	82	52 - 130
2-Methylnaphthalene	360	U	3650	2810		ug/Kg	☼	77	55 - 130
Hexachlorocyclopentadiene	360	U	3650	2720		ug/Kg	☼	75	35 - 130
2,4,6-Trichlorophenol	360	U	3650	2890		ug/Kg	☼	79	53 - 130
2,4,5-Trichlorophenol	360	U	3650	2680		ug/Kg	☼	74	60 - 130
1,1'-Biphenyl	360	U	3650	2830		ug/Kg	☼	78	57 - 130
2-Chloronaphthalene	360	U	3650	2640		ug/Kg	☼	72	55 - 130
2-Nitroaniline	1900	U	3650	3210		ug/Kg	☼	88	52 - 130
Dimethyl phthalate	360	U	3650	3030		ug/Kg	☼	83	63 - 130
2,6-Dinitrotoluene	360	U	3650	3020		ug/Kg	☼	83	57 - 130
Acenaphthylene	360	U	3650	3060		ug/Kg	☼	84	58 - 130
3-Nitroaniline	1900	U	3650	2700		ug/Kg	☼	74	42 - 130
Acenaphthene	360	U	3650	2870		ug/Kg	☼	79	58 - 130
2,4-Dinitrophenol	1900	U	3650	2040		ug/Kg	☼	56	10 - 154
4-Nitrophenol	1900	U	3650	3540		ug/Kg	☼	97	30 - 130
Dibenzofuran	360	U	3650	2940		ug/Kg	☼	81	56 - 130
2,4-Dinitrotoluene	360	U	3650	3010		ug/Kg	☼	83	55 - 130
Diethyl phthalate	360	U	3650	3280		ug/Kg	☼	90	62 - 130

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: 680-77386-3 MS

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: SHC-SB-01

Prep Type: Total/NA

Prep Batch: 231132

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluorene	360	U	3650	2780		ug/Kg	☼	76	58 - 130
4-Chlorophenyl phenyl ether	360	U	3650	2910		ug/Kg	☼	80	61 - 130
4-Nitroaniline	1900	U	3650	2670		ug/Kg	☼	73	49 - 130
4,6-Dinitro-2-methylphenol	1900	U	3650	2250		ug/Kg	☼	62	14 - 137
N-Nitrosodiphenylamine	360	U	3650	3060		ug/Kg	☼	84	62 - 130
4-Bromophenyl phenyl ether	360	U	3650	2970		ug/Kg	☼	81	65 - 130
Hexachlorobenzene	360	U	3650	2780		ug/Kg	☼	76	59 - 130
Atrazine	360	U	3650	2980		ug/Kg	☼	82	54 - 141
Pentachlorophenol	1900	U	3650	2710		ug/Kg	☼	74	38 - 131
Phenanthrene	360	U	3650	2830		ug/Kg	☼	78	61 - 130
Anthracene	360	U	3650	2830		ug/Kg	☼	78	60 - 130
Carbazole	360	U	3650	3020		ug/Kg	☼	83	60 - 130
Di-n-butyl phthalate	360	U	3650	3100		ug/Kg	☼	85	65 - 130
Fluoranthene	48	J	3650	3080		ug/Kg	☼	83	62 - 130
Pyrene	84	J	3650	3200		ug/Kg	☼	85	59 - 130
Butyl benzyl phthalate	360	U	3650	3270		ug/Kg	☼	90	65 - 134
3,3'-Dichlorobenzidine	720	U	3650	2690		ug/Kg	☼	74	45 - 130
Benzo[a]anthracene	360	U	3650	3110		ug/Kg	☼	85	62 - 130
Chrysene	360	U	3650	2960		ug/Kg	☼	81	62 - 130
Bis(2-ethylhexyl) phthalate	360	U	3650	3070		ug/Kg	☼	84	62 - 132
Di-n-octyl phthalate	360	U	3650	3320		ug/Kg	☼	91	59 - 146
Benzo[b]fluoranthene	360	U	3650	3240		ug/Kg	☼	89	53 - 130
Benzo[k]fluoranthene	360	U	3650	3350		ug/Kg	☼	92	57 - 130
Benzo[a]pyrene	360	U	3650	3560		ug/Kg	☼	98	68 - 131
Indeno[1,2,3-cd]pyrene	360	U	3650	3290		ug/Kg	☼	90	52 - 130
Dibenz(a,h)anthracene	360	U	3650	3250		ug/Kg	☼	89	56 - 130
Benzo[g,h,i]perylene	360	U	3650	3180		ug/Kg	☼	87	54 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5 (Surr)	72		46 - 130
2-Fluorobiphenyl	72		58 - 130
Terphenyl-d14 (Surr)	80		60 - 130
Phenol-d5 (Surr)	76		49 - 130
2-Fluorophenol (Surr)	74		40 - 130
2,4,6-Tribromophenol (Surr)	85		58 - 130

Lab Sample ID: 680-77386-3 MSD

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: SHC-SB-01

Prep Type: Total/NA

Prep Batch: 231132

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzaldehyde	360	U *	3650	2780		ug/Kg	☼	76	10 - 130	1	50
Phenol	360	U	3650	2740		ug/Kg	☼	75	46 - 130	0	50
Bis(2-chloroethyl)ether	360	U	3650	2790		ug/Kg	☼	76	42 - 130	2	50
2-Chlorophenol	360	U	3650	2750		ug/Kg	☼	75	51 - 130	1	50
2-Methylphenol	360	U	3650	2800		ug/Kg	☼	77	49 - 130	1	50
bis (2-chloroisopropyl) ether	360	U	3650	2710		ug/Kg	☼	74	44 - 130	1	50
Acetophenone	360	U	3650	2630		ug/Kg	☼	72	42 - 130	2	50
3 & 4 Methylphenol	360	U	3650	2900		ug/Kg	☼	79	50 - 130	1	50

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: 680-77386-3 MSD

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: SHC-SB-01

Prep Type: Total/NA

Prep Batch: 231132

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
N-Nitrosodi-n-propylamine	360	U	3650	2980		ug/Kg	✱	82	48 - 130	1	50
Hexachloroethane	360	U	3650	2400		ug/Kg	✱	66	44 - 130	1	50
Nitrobenzene	360	U	3650	2770		ug/Kg	✱	76	43 - 130	3	50
Isophorone	360	U	3650	2870		ug/Kg	✱	79	48 - 130	3	50
2-Nitrophenol	360	U	3650	2760		ug/Kg	✱	75	45 - 130	2	50
2,4-Dimethylphenol	360	U	3650	2970		ug/Kg	✱	81	47 - 130	2	50
Bis(2-chloroethoxy)methane	360	U	3650	3050		ug/Kg	✱	83	56 - 130	2	50
2,4-Dichlorophenol	360	U	3650	2760		ug/Kg	✱	75	53 - 130	1	50
Naphthalene	360	U	3650	2780		ug/Kg	✱	76	54 - 130	1	50
4-Chloroaniline	720	U *	3650	1550		ug/Kg	✱	42	36 - 130	42	50
Hexachlorobutadiene	360	U	3650	2830		ug/Kg	✱	77	47 - 130	2	50
Caprolactam	360	U	3650	3360		ug/Kg	✱	92	52 - 130	6	50
4-Chloro-3-methylphenol	360	U	3650	3120		ug/Kg	✱	85	52 - 130	4	50
2-Methylnaphthalene	360	U	3650	2860		ug/Kg	✱	78	55 - 130	2	50
Hexachlorocyclopentadiene	360	U	3650	2770		ug/Kg	✱	76	35 - 130	2	50
2,4,6-Trichlorophenol	360	U	3650	2970		ug/Kg	✱	81	53 - 130	3	50
2,4,5-Trichlorophenol	360	U	3650	2790		ug/Kg	✱	76	60 - 130	4	50
1,1'-Biphenyl	360	U	3650	2940		ug/Kg	✱	81	57 - 130	4	50
2-Chloronaphthalene	360	U	3650	2740		ug/Kg	✱	75	55 - 130	4	50
2-Nitroaniline	1900	U	3650	3390		ug/Kg	✱	93	52 - 130	5	50
Dimethyl phthalate	360	U	3650	3170		ug/Kg	✱	87	63 - 130	4	50
2,6-Dinitrotoluene	360	U	3650	3200		ug/Kg	✱	88	57 - 130	6	50
Acenaphthylene	360	U	3650	3190		ug/Kg	✱	87	58 - 130	4	50
3-Nitroaniline	1900	U	3650	2980		ug/Kg	✱	81	42 - 130	10	50
Acenaphthene	360	U	3650	2910		ug/Kg	✱	80	58 - 130	1	50
2,4-Dinitrophenol	1900	U	3650	2330		ug/Kg	✱	64	10 - 154	13	50
4-Nitrophenol	1900	U	3650	3680		ug/Kg	✱	101	30 - 130	4	50
Dibenzofuran	360	U	3650	3060		ug/Kg	✱	84	56 - 130	4	50
2,4-Dinitrotoluene	360	U	3650	3190		ug/Kg	✱	87	55 - 130	6	50
Diethyl phthalate	360	U	3650	3450		ug/Kg	✱	94	62 - 130	5	50
Fluorene	360	U	3650	2930		ug/Kg	✱	80	58 - 130	5	50
4-Chlorophenyl phenyl ether	360	U	3650	3080		ug/Kg	✱	84	61 - 130	6	50
4-Nitroaniline	1900	U	3650	3110		ug/Kg	✱	85	49 - 130	15	50
4,6-Dinitro-2-methylphenol	1900	U	3650	2570		ug/Kg	✱	70	14 - 137	13	50
N-Nitrosodiphenylamine	360	U	3650	3220		ug/Kg	✱	88	62 - 130	5	50
4-Bromophenyl phenyl ether	360	U	3650	3070		ug/Kg	✱	84	65 - 130	3	50
Hexachlorobenzene	360	U	3650	2870		ug/Kg	✱	79	59 - 130	3	50
Atrazine	360	U	3650	3100		ug/Kg	✱	85	54 - 141	4	50
Pentachlorophenol	1900	U	3650	2990		ug/Kg	✱	82	38 - 131	10	50
Phenanthrene	360	U	3650	2940		ug/Kg	✱	81	61 - 130	4	50
Anthracene	360	U	3650	2900		ug/Kg	✱	79	60 - 130	2	50
Carbazole	360	U	3650	3150		ug/Kg	✱	86	60 - 130	4	50
Di-n-butyl phthalate	360	U	3650	3140		ug/Kg	✱	86	65 - 130	1	50
Fluoranthene	48	J	3650	3150		ug/Kg	✱	85	62 - 130	2	50
Pyrene	84	J	3650	3570		ug/Kg	✱	95	59 - 130	11	50
Butyl benzyl phthalate	360	U	3650	3470		ug/Kg	✱	95	65 - 134	6	50
3,3'-Dichlorobenzidine	720	U	3650	3120		ug/Kg	✱	85	45 - 130	15	50
Benzo[a]anthracene	360	U	3650	3560		ug/Kg	✱	98	62 - 130	14	50
Chrysene	360	U	3650	3170		ug/Kg	✱	87	62 - 130	7	50
Bis(2-ethylhexyl) phthalate	360	U	3650	3180		ug/Kg	✱	87	62 - 132	4	50



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: 680-77386-3 MSD

Matrix: Solid

Analysis Batch: 231911

Client Sample ID: SHC-SB-01

Prep Type: Total/NA

Prep Batch: 231132

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-octyl phthalate	360	U	3650	3400		ug/Kg	☼	93	59 - 146	3	50
Benzo[b]fluoranthene	360	U	3650	3560		ug/Kg	☼	97	53 - 130	9	50
Benzo[k]fluoranthene	360	U	3650	3170		ug/Kg	☼	87	57 - 130	6	50
Benzo[a]pyrene	360	U	3650	3680		ug/Kg	☼	101	68 - 131	3	50
Indeno[1,2,3-cd]pyrene	360	U	3650	3460		ug/Kg	☼	95	52 - 130	5	50
Dibenz(a,h)anthracene	360	U	3650	3220		ug/Kg	☼	88	56 - 130	1	50
Benzo[g,h,i]perylene	360	U	3650	3160		ug/Kg	☼	86	54 - 130	1	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	73		46 - 130
2-Fluorobiphenyl	75		58 - 130
Terphenyl-d14 (Surr)	87		60 - 130
Phenol-d5 (Surr)	75		49 - 130
2-Fluorophenol (Surr)	72		40 - 130
2,4,6-Tribromophenol (Surr)	89		58 - 130

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-230804/10-A

Matrix: Solid

Analysis Batch: 232194

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 230804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	1.7	U	1.7	0.13	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Dieldrin	3.3	U	3.3	0.28	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Endosulfan I	1.7	U	1.7	0.15	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Endosulfan II	3.3	U	3.3	0.23	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Toxaphene	170	U	170	60	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Endosulfan sulfate	3.3	U	3.3	0.24	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Endrin	3.3	U	3.3	0.73	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Endrin aldehyde	3.3	U	3.3	0.30	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Endrin ketone	3.3	U	3.3	0.27	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
gamma-BHC (Lindane)	1.7	U	1.7	0.11	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Heptachlor	1.7	U	1.7	0.083	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Heptachlor epoxide	1.7	U	1.7	0.14	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Methoxychlor	3.3	U	3.3	0.35	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
PCB-1016	33	U	33	2.9	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
4,4'-DDD	3.3	U	3.3	0.24	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
4,4'-DDE	3.3	U	3.3	0.19	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
4,4'-DDT	3.3	U	3.3	0.23	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Aldrin	1.7	U	1.7	0.45	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
alpha-BHC	1.7	U	1.7	0.11	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
beta-BHC	1.7	U	1.7	0.11	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Chlordane (technical)	17	U	17	2.9	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
PCB-1221	67	U	67	4.8	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
PCB-1232	33	U	33	3.3	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
PCB-1242	33	U	33	2.8	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
PCB-1248	33	U	33	7.2	ug/Kg		03/07/12 03:40	03/18/12 17:31	1

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-230804/10-A

Matrix: Solid

Analysis Batch: 232194

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 230804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	33	U	33	2.3	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
PCB-1260	33	U	33	6.7	ug/Kg		03/07/12 03:40	03/18/12 17:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		54 - 133				03/07/12 03:40	03/18/12 17:31	1
DCB Decachlorobiphenyl	107		54 - 133				03/07/12 03:40	03/18/12 17:31	1
Tetrachloro-m-xylene	102		46 - 130				03/07/12 03:40	03/18/12 17:31	1
Tetrachloro-m-xylene	99		46 - 130				03/07/12 03:40	03/18/12 17:31	1

Lab Sample ID: LCS 680-230804/11-A

Matrix: Solid

Analysis Batch: 232194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 230804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
delta-BHC	3.32	2.24		ug/Kg		67	36 - 156
Dieldrin	6.64	4.04		ug/Kg		61	59 - 130
Endosulfan I	3.32	1.78		ug/Kg		54	51 - 130
Endosulfan II	6.64	3.43		ug/Kg		52	46 - 130
Endosulfan sulfate	6.64	4.03		ug/Kg		61	57 - 130
Endrin	6.64	4.12		ug/Kg		62	62 - 136
Endrin aldehyde	6.64	3.03	J	ug/Kg		46	43 - 135
Endrin ketone	6.64	4.54		ug/Kg		68	59 - 139
gamma-BHC (Lindane)	3.32	1.86		ug/Kg		56	44 - 130
Heptachlor	3.32	2.16		ug/Kg		65	48 - 146
Heptachlor epoxide	3.32	2.29		ug/Kg		69	51 - 130
Methoxychlor	6.64	4.81		ug/Kg		72	23 - 179
4,4'-DDD	6.64	4.15		ug/Kg		63	54 - 134
4,4'-DDE	6.64	3.60		ug/Kg		54	40 - 133
4,4'-DDT	6.64	3.47	*	ug/Kg		52	69 - 157
Aldrin	3.32	1.98		ug/Kg		60	47 - 130
alpha-BHC	3.32	1.81		ug/Kg		55	42 - 130
beta-BHC	3.32	1.98		ug/Kg		60	39 - 140
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	57		54 - 133				
DCB Decachlorobiphenyl	54		54 - 133				
Tetrachloro-m-xylene	49		46 - 130				
Tetrachloro-m-xylene	50		46 - 130				

Lab Sample ID: LCS 680-230804/14-A

Matrix: Solid

Analysis Batch: 232194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 230804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	331	339		ug/Kg		102	64 - 130
PCB-1260	331	423		ug/Kg		128	69 - 130

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-230804/14-A

Matrix: Solid

Analysis Batch: 232194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 230804

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	109		54 - 133
DCB Decachlorobiphenyl	104		54 - 133
Tetrachloro-m-xylene	99		46 - 130
Tetrachloro-m-xylene	94		46 - 130

Lab Sample ID: 680-77386-2 MS

Matrix: Solid

Analysis Batch: 232194

Client Sample ID: SHC-SB-BK-01

Prep Type: Total/NA

Prep Batch: 230804

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
delta-BHC	1.9	U	3.81	5.09		ug/Kg	☼	134	36 - 156
Dieldrin	3.8	U	7.61	8.24		ug/Kg	☼	108	59 - 130
Endosulfan I	1.9	U	3.81	3.75		ug/Kg	☼	99	51 - 130
Endosulfan II	3.8	U	7.61	8.35		ug/Kg	☼	110	46 - 130
Endosulfan sulfate	3.8	U	7.61	9.16		ug/Kg	☼	120	57 - 130
Endrin	3.8	U	7.61	8.53		ug/Kg	☼	112	62 - 136
Endrin aldehyde	3.8	U	7.61	6.74		ug/Kg	☼	89	43 - 135
Endrin ketone	3.8	U	7.61	9.71		ug/Kg	☼	128	59 - 139
gamma-BHC (Lindane)	1.9	U	3.81	3.91		ug/Kg	☼	103	44 - 130
Heptachlor	1.9	U	3.81	4.17		ug/Kg	☼	110	48 - 146
Heptachlor epoxide	1.9	U	3.81	3.84		ug/Kg	☼	101	51 - 130
Methoxychlor	3.8	U	7.61	5.56	p	ug/Kg	☼	73	23 - 179
4,4'-DDD	3.8	U	7.61	9.25		ug/Kg	☼	122	54 - 134
4,4'-DDE	3.8	U	7.61	8.20		ug/Kg	☼	108	40 - 133
4,4'-DDT	3.8	U *	7.61	9.00		ug/Kg	☼	118	69 - 157
Aldrin	1.9	U	3.81	3.68		ug/Kg	☼	97	47 - 130
alpha-BHC	1.9	U	3.81	3.68		ug/Kg	☼	97	42 - 130
beta-BHC	1.9	U	3.81	4.32		ug/Kg	☼	114	39 - 140

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	100		54 - 133
DCB Decachlorobiphenyl	100		54 - 133
Tetrachloro-m-xylene	86		46 - 130
Tetrachloro-m-xylene	85		46 - 130

Lab Sample ID: 680-77386-2 MS

Matrix: Solid

Analysis Batch: 232194

Client Sample ID: SHC-SB-BK-01

Prep Type: Total/NA

Prep Batch: 230804

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
PCB-1016	38	U	380	375		ug/Kg	☼	99	64 - 130
PCB-1260	38	U	380	421		ug/Kg	☼	111	69 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	94		54 - 133
DCB Decachlorobiphenyl	93		54 - 133
Tetrachloro-m-xylene	93		46 - 130



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 680-77386-2 MS  
Matrix: Solid  
Analysis Batch: 232194

Client Sample ID: SHC-SB-BK-01  
Prep Type: Total/NA  
Prep Batch: 230804

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	88		46 - 130

Lab Sample ID: 680-77386-2 MSD  
Matrix: Solid  
Analysis Batch: 232194

Client Sample ID: SHC-SB-BK-01  
Prep Type: Total/NA  
Prep Batch: 230804

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
delta-BHC	1.9	U	3.81	4.96	p	ug/Kg	☼	130	36 - 156	3	50
Dieldrin	3.8	U	7.62	17.9	p F	ug/Kg	☼	235	59 - 130	74	50
Endosulfan I	1.9	U	3.81	5.23	F	ug/Kg	☼	137	51 - 130	33	50
Endosulfan II	3.8	U	7.62	11.6	F	ug/Kg	☼	152	46 - 130	32	50
Endosulfan sulfate	3.8	U	7.62	10.4	F	ug/Kg	☼	136	57 - 130	12	50
Endrin	3.8	U	7.62	9.81		ug/Kg	☼	129	62 - 136	14	50
Endrin aldehyde	3.8	U	7.62	11.7	F	ug/Kg	☼	153	43 - 135	53	50
Endrin ketone	3.8	U	7.62	8.73	p	ug/Kg	☼	115	59 - 139	11	50
gamma-BHC (Lindane)	1.9	U	3.81	3.81	p	ug/Kg	☼	100	44 - 130	3	50
Heptachlor	1.9	U	3.81	8.06	F	ug/Kg	☼	212	48 - 146	64	50
Heptachlor epoxide	1.9	U	3.81	4.88	p	ug/Kg	☼	128	51 - 130	24	50
Methoxychlor	3.8	U	7.62	10.9	F	ug/Kg	☼	143	23 - 179	65	50
4,4'-DDD	3.8	U	7.62	11.9	F	ug/Kg	☼	156	54 - 134	25	50
4,4'-DDE	3.8	U	7.62	7.93		ug/Kg	☼	104	40 - 133	3	50
4,4'-DDT	3.8	U *	7.62	11.1		ug/Kg	☼	146	69 - 157	21	50
Aldrin	1.9	U	3.81	4.40	p	ug/Kg	☼	116	47 - 130	18	50
alpha-BHC	1.9	U	3.81	4.99	F	ug/Kg	☼	131	42 - 130	30	50
beta-BHC	1.9	U	3.81	3.46	p	ug/Kg	☼	91	39 - 140	22	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	150	X	54 - 133
DCB Decachlorobiphenyl	97	p	54 - 133
Tetrachloro-m-xylene	115		46 - 130
Tetrachloro-m-xylene	88		46 - 130

Lab Sample ID: 680-77386-2 MSD  
Matrix: Solid  
Analysis Batch: 232194

Client Sample ID: SHC-SB-BK-01  
Prep Type: Total/NA  
Prep Batch: 230804

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	38	U	380	406		ug/Kg	☼	107	64 - 130	8	50
PCB-1260	38	U	380	441		ug/Kg	☼	116	69 - 130	5	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	111		54 - 133
DCB Decachlorobiphenyl	106		54 - 133
Tetrachloro-m-xylene	99		46 - 130
Tetrachloro-m-xylene	96		46 - 130

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-232577/3-A

Matrix: Waste

Analysis Batch: 232965

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	5.0	U	5.0	5.0	mg/L		03/27/12 12:02	03/30/12 13:01	1
Endrin	0.10	U	0.10	0.10	mg/L		03/27/12 12:02	03/30/12 13:01	1
gamma-BHC (Lindane)	0.050	U	0.050	0.050	mg/L		03/27/12 12:02	03/30/12 13:01	1
Heptachlor	0.050	U	0.050	0.050	mg/L		03/27/12 12:02	03/30/12 13:01	1
Heptachlor epoxide	0.050	U	0.050	0.050	mg/L		03/27/12 12:02	03/30/12 13:01	1
Methoxychlor	0.50	U	0.50	0.50	mg/L		03/27/12 12:02	03/30/12 13:01	1
Chlordane (technical)	0.50	U	0.50	0.50	mg/L		03/27/12 12:02	03/30/12 13:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	126		30 - 130	03/27/12 12:02	03/30/12 13:01	1
DCB Decachlorobiphenyl	124		30 - 130	03/27/12 12:02	03/30/12 13:01	1
Tetrachloro-m-xylene	113		30 - 130	03/27/12 12:02	03/30/12 13:01	1
Tetrachloro-m-xylene	111		30 - 130	03/27/12 12:02	03/30/12 13:01	1

Lab Sample ID: LCS 680-232577/4-A

Matrix: Waste

Analysis Batch: 232965

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	0.200	0.150		mg/L		75	30 - 130
gamma-BHC (Lindane)	0.100	0.0853		mg/L		85	30 - 130
Heptachlor	0.100	0.0942		mg/L		94	30 - 130
Heptachlor epoxide	0.100	0.0912		mg/L		91	30 - 130
Methoxychlor	0.200	0.50	U	mg/L		83	30 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	116		30 - 130
DCB Decachlorobiphenyl	113		30 - 130
Tetrachloro-m-xylene	104		30 - 130
Tetrachloro-m-xylene	103		30 - 130

Lab Sample ID: LCSD 680-232577/5-A

Matrix: Waste

Analysis Batch: 232965

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 232577

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin	0.200	0.153		mg/L		77	30 - 130	2	50
gamma-BHC (Lindane)	0.100	0.0860		mg/L		86	30 - 130	1	50
Heptachlor	0.100	0.0958		mg/L		96	30 - 130	2	50
Heptachlor epoxide	0.100	0.0913		mg/L		91	30 - 130	0	50
Methoxychlor	0.200	0.50	U	mg/L		79	30 - 130	6	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	108		30 - 130
DCB Decachlorobiphenyl	102		30 - 130
Tetrachloro-m-xylene	104		30 - 130
Tetrachloro-m-xylene	102		30 - 130

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-232579/3-A

Matrix: Waste

Analysis Batch: 232887

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232579

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	1000	U	1000	1000	ug/Kg		03/27/12 12:02	03/29/12 16:23	1
PCB-1221	2000	U	2000	2000	ug/Kg		03/27/12 12:02	03/29/12 16:23	1
PCB-1232	1000	U	1000	1000	ug/Kg		03/27/12 12:02	03/29/12 16:23	1
PCB-1242	1000	U	1000	1000	ug/Kg		03/27/12 12:02	03/29/12 16:23	1
PCB-1248	1000	U	1000	1000	ug/Kg		03/27/12 12:02	03/29/12 16:23	1
PCB-1254	1000	U	1000	1000	ug/Kg		03/27/12 12:02	03/29/12 16:23	1
PCB-1260	1000	U	1000	1000	ug/Kg		03/27/12 12:02	03/29/12 16:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		30 - 130	03/27/12 12:02	03/29/12 16:23	1
DCB Decachlorobiphenyl	107		30 - 130	03/27/12 12:02	03/29/12 16:23	1
Tetrachloro-m-xylene	99		30 - 130	03/27/12 12:02	03/29/12 16:23	1
Tetrachloro-m-xylene	97		30 - 130	03/27/12 12:02	03/29/12 16:23	1

Lab Sample ID: LCS 680-232579/4-A

Matrix: Waste

Analysis Batch: 232887

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	10000	8880		ug/Kg		89	30 - 130
PCB-1260	10000	8980		ug/Kg		90	30 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	98		30 - 130
DCB Decachlorobiphenyl	106		30 - 130
Tetrachloro-m-xylene	99		30 - 130
Tetrachloro-m-xylene	96		30 - 130

Lab Sample ID: 680-77386-10 MS

Matrix: Waste

Analysis Batch: 232887

Client Sample ID: SHC-W-01

Prep Type: Total/NA

Prep Batch: 232579

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	970	U	9800	12200		ug/Kg		124	30 - 130
PCB-1260	970	U	9800	10200		ug/Kg		104	30 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	103		30 - 130
DCB Decachlorobiphenyl	110		30 - 130
Tetrachloro-m-xylene	92		30 - 130
Tetrachloro-m-xylene	107		30 - 130



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 680-77386-10 MSD

Matrix: Waste

Analysis Batch: 232887

Client Sample ID: SHC-W-01

Prep Type: Total/NA

Prep Batch: 232579

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	970	U	9710	10900		ug/Kg		113	30 - 130	11	50
PCB-1260	970	U	9710	9380		ug/Kg		97	30 - 130	8	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	115		30 - 130
DCB Decachlorobiphenyl	119		30 - 130
Tetrachloro-m-xylene	97		30 - 130
Tetrachloro-m-xylene	118		30 - 130

## Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-232533/3-A

Matrix: Waste

Analysis Batch: 232940

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.00050	U	0.00050	0.00050	mg/L		03/27/12 08:07	03/29/12 00:37	1
Silvex (2,4,5-TP)	0.00050	U	0.00050	0.00050	mg/L		03/27/12 08:07	03/29/12 00:37	1
Pentachlorophenol	0.00025	U	0.00025	0.00025	mg/L		03/27/12 08:07	03/29/12 00:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	71		30 - 130	03/27/12 08:07	03/29/12 00:37	1
DCAA	68		30 - 130	03/27/12 08:07	03/29/12 00:37	1

Lab Sample ID: LCS 680-232533/4-A

Matrix: Waste

Analysis Batch: 232940

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.00200	0.00143		mg/L		72	30 - 130
Silvex (2,4,5-TP)	0.00200	0.00148		mg/L		74	30 - 130
Pentachlorophenol	0.00134	0.00106		mg/L		79	30 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCAA	74		30 - 130
DCAA	80		30 - 130

Lab Sample ID: LCSD 680-232533/5-A

Matrix: Waste

Analysis Batch: 232940

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 232533

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D	0.00200	0.00134		mg/L		67	30 - 130	7	50
Silvex (2,4,5-TP)	0.00200	0.00139		mg/L		69	30 - 130	6	50
Pentachlorophenol	0.00134	0.000944		mg/L		70	30 - 130	12	50

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Lab Sample ID: LCSD 680-232533/5-A

Matrix: Waste

Analysis Batch: 232940

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 232533

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCAA	68		30 - 130
DCAA	75		30 - 130

## Method: 6010C - Metals (ICP)

Lab Sample ID: MB 680-230812/2-A

Matrix: Solid

Analysis Batch: 231032

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 230812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	U	2.0	0.59	mg/Kg		03/07/12 08:41	03/08/12 23:51	1
Barium	1.0	U	1.0	0.30	mg/Kg		03/07/12 08:41	03/08/12 23:51	1
Cadmium	0.50	U	0.50	0.10	mg/Kg		03/07/12 08:41	03/08/12 23:51	1
Chromium	1.0	U	1.0	0.50	mg/Kg		03/07/12 08:41	03/08/12 23:51	1
Silver	1.0	U	1.0	0.096	mg/Kg		03/07/12 08:41	03/08/12 23:51	1
Lead	1.0	U	1.0	0.53	mg/Kg		03/07/12 08:41	03/08/12 23:51	1
Selenium	2.5	U	2.5	1.0	mg/Kg		03/07/12 08:41	03/08/12 23:51	1

Lab Sample ID: LCS 680-230812/3-A

Matrix: Solid

Analysis Batch: 231032

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 230812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	211		mg/Kg		106	75 - 125
Barium	200	219		mg/Kg		109	75 - 125
Cadmium	5.00	5.50		mg/Kg		110	75 - 125
Chromium	20.0	21.4		mg/Kg		107	75 - 125
Silver	5.00	5.18		mg/Kg		104	75 - 125
Lead	50.0	53.1		mg/Kg		106	75 - 125
Selenium	200	212		mg/Kg		106	75 - 125

Lab Sample ID: 680-77386-2 MS

Matrix: Solid

Analysis Batch: 231032

Client Sample ID: SHC-SB-BK-01

Prep Type: Total/NA

Prep Batch: 230812

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	4.6		209	226		mg/Kg	☼	106	75 - 125
Barium	24		209	266		mg/Kg	☼	116	75 - 125
Cadmium	0.52	U	5.22	5.64		mg/Kg	☼	108	75 - 125
Chromium	22		20.9	48.9	F	mg/Kg	☼	127	75 - 125
Silver	1.0	U	5.22	5.63		mg/Kg	☼	108	75 - 125
Lead	8.6		52.2	67.2		mg/Kg	☼	112	75 - 125
Selenium	2.6	U	209	225		mg/Kg	☼	108	75 - 125

Lab Sample ID: 680-77386-2 MSD

Matrix: Solid

Analysis Batch: 231032

Client Sample ID: SHC-SB-BK-01

Prep Type: Total/NA

Prep Batch: 230812

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	4.6		209	224		mg/Kg	☼	105	75 - 125	1	20

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 680-77386-2 MSD

Matrix: Solid

Analysis Batch: 231032

Client Sample ID: SHC-SB-BK-01

Prep Type: Total/NA

Prep Batch: 230812

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	24		209	264		mg/Kg	✱	115	75 - 125	1	20
Cadmium	0.52	U	5.22	5.62		mg/Kg	✱	108	75 - 125	0	20
Chromium	22		20.9	52.0	F	mg/Kg	✱	142	75 - 125	6	20
Silver	1.0	U	5.22	5.59		mg/Kg	✱	107	75 - 125	1	20
Lead	8.6		52.2	66.3		mg/Kg	✱	111	75 - 125	1	20
Selenium	2.6	U	209	223		mg/Kg	✱	107	75 - 125	1	20

Lab Sample ID: MB 680-232552/1-A

Matrix: Waste

Analysis Batch: 232707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232552

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.0	U	1.0	1.0	mg/L		03/27/12 10:00	03/28/12 00:15	1
Barium	0.50	U	0.50	0.50	mg/L		03/27/12 10:00	03/28/12 00:15	1
Cadmium	0.25	U	0.25	0.25	mg/L		03/27/12 10:00	03/28/12 00:15	1
Chromium	0.50	U	0.50	0.50	mg/L		03/27/12 10:00	03/28/12 00:15	1
Silver	0.50	U	0.50	0.50	mg/L		03/27/12 10:00	03/28/12 00:15	1
Lead	0.50	U	0.50	0.50	mg/L		03/27/12 10:00	03/28/12 00:15	1
Selenium	1.0	U	1.0	1.0	mg/L		03/27/12 10:00	03/28/12 00:15	1

Lab Sample ID: LCS 680-232552/2-A

Matrix: Waste

Analysis Batch: 232707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232552

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	204		mg/L		102	80 - 120
Barium	200	205		mg/L		102	80 - 120
Cadmium	5.00	4.92		mg/L		98	80 - 120
Chromium	20.0	20.3		mg/L		101	80 - 120
Silver	5.00	5.00		mg/L		100	80 - 120
Lead	50.0	50.0		mg/L		100	80 - 120
Selenium	200	198		mg/L		99	80 - 120

Lab Sample ID: LB 680-232485/5-B LB

Matrix: Waste

Analysis Batch: 232707

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 232489

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.20	U	0.20	0.20	mg/L		03/26/12 16:28	03/28/12 09:14	1
Barium	0.10	U	0.10	0.10	mg/L		03/26/12 16:28	03/28/12 09:14	1
Cadmium	0.050	U	0.050	0.050	mg/L		03/26/12 16:28	03/28/12 09:14	1
Chromium	0.10	U	0.10	0.10	mg/L		03/26/12 16:28	03/28/12 09:14	1
Silver	0.10	U	0.10	0.10	mg/L		03/26/12 16:28	03/28/12 09:14	1
Lead	0.10	U	0.10	0.10	mg/L		03/26/12 16:28	03/28/12 09:14	1
Selenium	0.20	U	0.20	0.20	mg/L		03/26/12 16:28	03/28/12 09:14	1

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

## Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 680-77386-10 MS

Matrix: Waste

Analysis Batch: 232707

Client Sample ID: SHC-W-01

Prep Type: TCLP

Prep Batch: 232552

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.97	U	194	190		mg/L		98	75 - 125
Barium	0.49	U	194	189		mg/L		97	75 - 125
Cadmium	0.24	U	4.85	4.59		mg/L		95	75 - 125
Chromium	1.4		19.4	19.3		mg/L		92	75 - 125
Silver	0.49	U	4.85	4.53		mg/L		93	75 - 125
Lead	0.49	U	48.5	46.0		mg/L		95	75 - 125
Selenium	0.97	U	194	184		mg/L		95	75 - 125

Lab Sample ID: 680-77386-10 MSD

Matrix: Waste

Analysis Batch: 232707

Client Sample ID: SHC-W-01

Prep Type: TCLP

Prep Batch: 232552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.97	U	194	196		mg/L		101	75 - 125	3	20
Barium	0.49	U	194	196		mg/L		101	75 - 125	4	20
Cadmium	0.24	U	4.85	4.72		mg/L		97	75 - 125	3	20
Chromium	1.4		19.4	19.8		mg/L		95	75 - 125	3	20
Silver	0.49	U	4.85	4.70		mg/L		97	75 - 125	4	20
Lead	0.49	U	48.5	47.3		mg/L		97	75 - 125	3	20
Selenium	0.97	U	194	189		mg/L		97	75 - 125	3	20

## Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 680-232497/1-A

Matrix: Waste

Analysis Batch: 232664

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232497

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.018	mg/L		03/27/12 10:07	03/27/12 16:12	1

Lab Sample ID: LCS 680-232497/2-A

Matrix: Waste

Analysis Batch: 232664

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232497

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.227	0.235		mg/L		104	80 - 120

Lab Sample ID: LB 680-232485/5-C LB

Matrix: Waste

Analysis Batch: 232664

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 232584

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.020	mg/L		03/27/12 12:30	03/27/12 17:51	1



## QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

### Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Lab Sample ID: MB 680-231348/1-A  
Matrix: Solid  
Analysis Batch: 231878

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 231348

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.0076	mg/Kg		03/13/12 11:00	03/19/12 13:39	1

Lab Sample ID: LCS 680-231348/2-A  
Matrix: Solid  
Analysis Batch: 231878

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 231348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.236	0.268		mg/Kg		113	80 - 120

Lab Sample ID: 680-77386-2 MS  
Matrix: Solid  
Analysis Batch: 231878

Client Sample ID: SHC-SB-BK-01  
Prep Type: Total/NA  
Prep Batch: 231348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.030		0.108	0.162	F	mg/Kg	☼	121	80 - 120

Lab Sample ID: 680-77386-2 MSD  
Matrix: Solid  
Analysis Batch: 231878

Client Sample ID: SHC-SB-BK-01  
Prep Type: Total/NA  
Prep Batch: 231348

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD Limit
Mercury	0.030		0.108	0.157		mg/Kg	☼	117	80 - 120	3 20

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

Lab Sample ID: MB 680-232574/2  
Matrix: Waste  
Analysis Batch: 232574

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

Analyte	MB Result	MB Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>140				Degrees F			03/27/12 08:37	1

Lab Sample ID: LCS 680-232574/1  
Matrix: Waste  
Analysis Batch: 232574

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	

### Method: 9045D - pH

Lab Sample ID: 680-77386-11 DU  
Matrix: Waste  
Analysis Batch: 232523

Client Sample ID: SHC-W-02  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	4.75	H	4.750		SU		0	40

# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-BK01**

**Date Collected: 03/02/12 07:45**

**Date Received: 03/06/12 09:23**

**Lab Sample ID: 680-77386-1**

**Matrix: Solid**

**Percent Solids: 91.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			230730	03/06/12 11:10	FS	TAL SAV
Total/NA	Analysis	8260B		1	231383	03/13/12 18:25	ES	TAL SAV
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV
Total/NA	Analysis	8270D		1	231911	03/15/12 14:21	MES	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		1	232194	03/18/12 18:30	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 00:01	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 13:46	JKL	TAL SAV
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV

**Client Sample ID: SHC-SB-BK-01**

**Date Collected: 03/02/12 08:40**

**Date Received: 03/06/12 09:23**

**Lab Sample ID: 680-77386-2**

**Matrix: Solid**

**Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			230730	03/06/12 11:10	FS	TAL SAV
Total/NA	Analysis	8260B		1	231383	03/13/12 18:52	ES	TAL SAV
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV
Total/NA	Analysis	8270D		1	231911	03/15/12 14:50	MES	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		1	232194	03/18/12 18:49	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 00:06	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 13:50	JKL	TAL SAV
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV

**Client Sample ID: SHC-SB-01**

**Date Collected: 03/01/12 17:19**

**Date Received: 03/06/12 09:23**

**Lab Sample ID: 680-77386-3**

**Matrix: Solid**

**Percent Solids: 91.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			230730	03/06/12 11:10	FS	TAL SAV
Total/NA	Analysis	8260B		1	231383	03/13/12 19:14	ES	TAL SAV
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV
Total/NA	Analysis	8270D		1	231911	03/15/12 15:19	MES	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		1	232194	03/18/12 19:09	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 00:43	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 14:08	JKL	TAL SAV

# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SB-01**

**Lab Sample ID: 680-77386-3**

**Date Collected: 03/01/12 17:19**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV

**Client Sample ID: SHC-SB-03**

**Lab Sample ID: 680-77386-4**

**Date Collected: 03/02/12 11:35**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 91.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			230730	03/06/12 11:10	FS	TAL SAV
Total/NA	Analysis	8260B		1	231383	03/13/12 19:37	ES	TAL SAV
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV
Total/NA	Analysis	8270D		10	231911	03/15/12 18:42	MES	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		4	232194	03/18/12 20:46	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 00:48	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 14:12	JKL	TAL SAV
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV

**Client Sample ID: SHC-SS-01**

**Lab Sample ID: 680-77386-5**

**Date Collected: 03/02/12 09:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			230730	03/06/12 11:10	FS	TAL SAV
Total/NA	Analysis	8260B		1	231658	03/15/12 17:52	ES	TAL SAV
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV
Total/NA	Analysis	8270D		200	232000	03/20/12 11:02	LH	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		20	232194	03/18/12 21:05	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 00:53	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 14:16	JKL	TAL SAV
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV

**Client Sample ID: SHC-SS-02**

**Lab Sample ID: 680-77386-6**

**Date Collected: 03/02/12 09:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 96.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			230730	03/06/12 11:10	FS	TAL SAV
Total/NA	Analysis	8260B		1	231658	03/15/12 18:15	ES	TAL SAV
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV

## Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-02**

**Lab Sample ID: 680-77386-6**

**Date Collected: 03/02/12 09:45**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 96.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		100	231994	03/19/12 13:48	LH	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		20	232194	03/18/12 21:25	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 00:58	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 14:19	JKL	TAL SAV
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV

**Client Sample ID: SHC-SS-03**

**Lab Sample ID: 680-77386-7**

**Date Collected: 03/02/12 10:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			230730	03/06/12 11:10	FS	TAL SAV
Total/NA	Analysis	8260B		1	231658	03/15/12 18:38	ES	TAL SAV
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV
Total/NA	Analysis	8270D		200	232000	03/20/12 11:30	LH	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		20	232194	03/18/12 21:44	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 01:03	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 14:23	JKL	TAL SAV
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV

**Client Sample ID: SHC-SS-04**

**Lab Sample ID: 680-77386-8**

**Date Collected: 03/02/12 10:28**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 98.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			230730	03/06/12 11:10	FS	TAL SAV
Total/NA	Analysis	8260B		1	231658	03/15/12 19:01	ES	TAL SAV
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV
Total/NA	Analysis	8270D		200	232000	03/20/12 11:58	LH	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		20	232194	03/18/12 22:04	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 01:09	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 14:27	JKL	TAL SAV
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV



# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-SS-05**

**Lab Sample ID: 680-77386-9**

**Date Collected: 03/02/12 11:20**

**Matrix: Solid**

**Date Received: 03/06/12 09:23**

**Percent Solids: 97.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			231132	03/09/12 18:40	JW	TAL SAV
Total/NA	Analysis	8270D		500	232000	03/20/12 12:26	LH	TAL SAV
Total/NA	Prep	3546			230804	03/07/12 03:40	JW	TAL SAV
Total/NA	Analysis	8081B/8082A		20	232194	03/18/12 22:23	JK	TAL SAV
Total/NA	Prep	3050B			230812	03/07/12 08:41	HM	TAL SAV
Total/NA	Analysis	6010C		1	231032	03/09/12 01:14	RAM	TAL SAV
Total/NA	Prep	7471B			231348	03/13/12 11:00	JKL	TAL SAV
Total/NA	Analysis	7471B		1	231878	03/19/12 14:30	JKL	TAL SAV
Total/NA	Analysis	Moisture		1	230741	03/06/12 12:14	FS	TAL SAV

**Client Sample ID: SHC-W-01**

**Lab Sample ID: 680-77386-10**

**Date Collected: 03/01/12 15:48**

**Matrix: Waste**

**Date Received: 03/06/12 09:23**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			231056	03/08/12 17:12	JS	TAL SAV
TCLP	Analysis	8260B		500	231613	03/12/12 20:16	AJMC	TAL SAV
TCLP	Leach	1311			232485	03/26/12 15:00	SSP	TAL SAV
TCLP	Prep	3580A			232569	03/27/12 12:02	SSP	TAL SAV
TCLP	Analysis	8270C		10	232586	03/27/12 13:48	LH	TAL SAV
Total/NA	Prep	3580A			232579	03/27/12 12:02	SSP	TAL SAV
Total/NA	Analysis	8081B/8082A		1	232887	03/29/12 17:10	JK	TAL SAV
TCLP	Leach	1311			232485	03/26/12 15:00	SSP	TAL SAV
TCLP	Prep	8151A			232533	03/27/12 08:07	CTR	TAL SAV
TCLP	Analysis	8151A		1	232940	03/29/12 01:24	GM	TAL SAV
TCLP	Leach	1311	DL		232485	03/26/12 15:00	SSP	TAL SAV
TCLP	Prep	8151A	DL		232533	03/27/12 08:07	CTR	TAL SAV
TCLP	Analysis	8151A	DL	10	232940	03/29/12 01:40	GM	TAL SAV
TCLP	Prep	3580A			232577	03/27/12 12:02	SSP	TAL SAV
TCLP	Analysis	8081B/8082A		1	232965	03/30/12 14:32	JK	TAL SAV
TCLP	Leach	1311			232485	03/26/12 15:00	SSP	TAL SAV
TCLP	Prep	7471A			232497	03/27/12 10:07	JKL	TAL SAV
TCLP	Analysis	7471A		1	232664	03/27/12 16:32	JKL	TAL SAV
TCLP	Prep	3050B			232552	03/27/12 10:00	HM	TAL SAV
TCLP	Analysis	6010C		1	232707	03/28/12 00:25	RAM	TAL SAV
Total/NA	Analysis	9045D		1	232523	03/26/12 18:00	PAT	TAL SAV
Total/NA	Analysis	1010A		1	232574	03/27/12 15:52	JNC	TAL SAV

**Client Sample ID: SHC-W-02**

**Lab Sample ID: 680-77386-11**

**Date Collected: 03/01/12 16:04**

**Matrix: Waste**

**Date Received: 03/06/12 09:23**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			231056	03/08/12 17:12	JS	TAL SAV
TCLP	Analysis	8260B		500	231613	03/12/12 19:47	AJMC	TAL SAV

# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

**Client Sample ID: SHC-W-02**

**Lab Sample ID: 680-77386-11**

**Date Collected: 03/01/12 16:04**

**Matrix: Waste**

**Date Received: 03/06/12 09:23**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			232485	03/26/12 15:00	SSP	TAL SAV
TCLP	Prep	3580A			232569	03/27/12 12:02	SSP	TAL SAV
TCLP	Analysis	8270C		10	232586	03/27/12 14:16	LH	TAL SAV
Total/NA	Prep	3580A			232579	03/27/12 12:02	SSP	TAL SAV
Total/NA	Analysis	8081B/8082A		1	232887	03/29/12 17:34	JK	TAL SAV
TCLP	Leach	1311	DL		232485	03/26/12 15:00	SSP	TAL SAV
TCLP	Prep	8151A	DL		232533	03/27/12 08:07	CTR	TAL SAV
TCLP	Analysis	8151A	DL	10	232940	03/29/12 02:12	GM	TAL SAV
TCLP	Leach	1311			232485	03/26/12 15:00	SSP	TAL SAV
TCLP	Prep	8151A			232533	03/27/12 08:07	CTR	TAL SAV
TCLP	Analysis	8151A		1	232940	03/29/12 01:56	GM	TAL SAV
TCLP	Prep	3580A			232577	03/27/12 12:02	SSP	TAL SAV
TCLP	Analysis	8081B/8082A		1	232965	03/30/12 15:02	JK	TAL SAV
TCLP	Leach	1311			232485	03/26/12 15:00	SSP	TAL SAV
TCLP	Prep	7471A			232497	03/27/12 10:07	JKL	TAL SAV
TCLP	Analysis	7471A		1	232664	03/27/12 16:35	JKL	TAL SAV
TCLP	Prep	3050B			232552	03/27/12 10:00	HM	TAL SAV
TCLP	Analysis	6010C		1	232707	03/28/12 00:50	RAM	TAL SAV
Total/NA	Analysis	9045D		1	232523	03/26/12 18:00	PAT	TAL SAV
Total/NA	Analysis	1010A		1	232574	03/27/12 15:52	JNC	TAL SAV

## Laboratory References:

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

Serial Number 046543

## ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

TestAmerica Savannah  
5102 LaRoche Avenue  
Savannah, GA 31404Website: www.testamericainc.com  
Phone: (912) 354-7858  
Fax: (912) 352-0165

## THE LEADER IN ENVIRONMENTAL TESTING

Alternate Laboratory Name/Location

Phone:  
Fax:

PROJECT REFERENCE		PROJECT NO.	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS		PAGE 1	OF 1
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CLIENT PHONE	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE	REQUIRED ANALYSIS	STANDARD REPORT DELIVERY	DATE DUE	
CLIENT (SITE) PM	CLIENT E-MAIL	CLIENT FAX		AQUEOUS (WATER)		EXPEDITED REPORT DELIVERY (SURCHARGE)	DATE DUE	
CLIENT NAME				SOLID OR SEMISOLID				
CLIENT ADDRESS				NONAQUEOUS LIQUID (OIL, SOLVENT, ...)				
COMPANY CONTRACTING THIS WORK (if applicable)								
SAMPLE IDENTIFICATION								
DATE	TIME	SAMPLE IDENTIFICATION						
3/21/12	0745	SHE-SS-BK01						
3/21/12	0840	SHE-SB-BK01						
3/11/12	1719	SHE-SB-01						
3/21/12	1135	SHE-SB-03						
3/21/12	0920	SHE-SS-01						
3/21/12	0945	SHE-SS-02						
3/21/12	1020	SHE-SS-03						
3/21/12	1028	SHE-SS-04						
3/21/12	1120	SHE-SS-05						
3/11/12	1548	SHE-W-01						
3/11/12	1604	SHE-W-02						
RELINQUISHED BY: (SIGNATURE)				DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE)				DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY REMARKS

SAVANNAH

LOG NO. 680

CUSTODY SEAL NO.

CUSTODY INTACT

YES

NO

DATE

TIME

RECEIVED FOR LABORATORY BY:

(SIGNATURE)

DATE

TIME

REMARKS

Temp 5.4°C

TAL X240-G80 (1008)

1

2

3

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11

12

## Certification Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Statesboro Hwy Creosote

TestAmerica Job ID: 680-77386-1  
SDG: 68077386

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

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



**ATTACHMENT F**

**GA DEPARTMENT OF NATURAL RESOURCES SITE ASSESSMENT REPORT AND EPA  
REFERRAL LETTER**

# Georgia Department of Natural Resources

2 Martin Luther King Jr. Drive, S.E., Suite 1462 East, Atlanta, Georgia 30334

Mark Williams, Commissioner

Environmental Protection Division

F. Allen Barnes, Director

Land Protection Branch

Office 404/657-8600

September 1, 2011

**CERTIFIED MAIL**

**RETURN RECEIPT REQUESTED**

Mr. Franklin Hill, Director  
U.S. Environmental Protection Agency  
Superfund Division  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303-8960

**COPY**

Re: Statesboro Highway Creosote Site  
HSI # 10827, Tax Parcel Map # 042; Parcel ID: 011  
6476 Statesboro Highway  
Sylvania, Screven County, Georgia

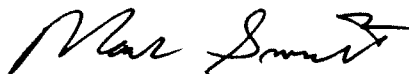
Dear Mr. Hill:

The purpose of this letter is to request the removal and disposal of a creosote vat located at the above referenced property. Georgia Environmental Protection Division (EPD) personnel Montague M<sup>c</sup>Pherson responded to a complaint call on August 18, 2005 about a creosote pit located under an abandoned shack at the rear of the property at 6476 Statesboro Highway, Sylvania, Screven County, Georgia. A site visit was conducted at the above property owned by the Jeffers, as described in the attached trip report. The pit is an in-ground open tank approximately 25 feet by 4 feet by 4 feet and the depth of the creosote was estimated to be approximately one foot.

During the first site visit, Mrs. Jeffers explained that her father, who is deceased, used creosote to treat wood posts in the tank during the early sixties and that the posts were used for fences on the property. Mr. McPherson requested that the vessel be secured so that individuals, especially children, would not accidentally fall into the container. Soil and waste samples were taken, however, EPD's laboratory was only able to analyze soil samples due to concern that the viscosity of the waste samples would place the laboratory instruments in disrepair. In a subsequent visit, the open container was observed to be securely covered. The site was then scored and placed on EPD's Hazardous Site Inventory (HSI #10827). EPD planned to allocate funds from the Hazardous Waste Trust Fund for removal and disposal of the vessel and contents; however, these funds have since been exhausted. Mr. McPherson visited the site again on July 21, 2011 and confirmed that the vat is still present, as described in the attached trip report.

EPD requests that the EPA Emergency Response & Removal Branch conduct the appropriate removal action and any further investigation that may be necessary. Please provide a report on the removal and subsequent soil sampling to EPD's Response and Remediation Program. If you have any questions or need further information, please call Montague M<sup>c</sup>Pherson at 404-657-0483.

Sincerely,



Mark Smith, Chief  
Land Protection Branch

c: Jim McGuire, USEPA Emergency Response & Removal

USEPA Referral – Statesboro Highway Creosote Site  
Sylvania, Screven County, Georgia  
September 1, 2011  
Page 2

Encl: August 19, 2005 Trip Report; July 21, 2011 Trip Report  
Laboratory analytical results for soils  
File: HSI No. 10827  
S:\DRIVE\MONTMC\HSI\Jeffers Property\Referral Letter to EPA.doc

# Georgia Department of Natural Resources

2 Martin Luther King, Jr. Drive, S.E, Suite 1462 East, Atlanta, Georgia 30334

Mark Williams, Commissioner  
Environmental Protection Division  
F. Allen Barnes, Director  
Land Protection Branch  
Mark Smith, Branch Chief  
Office 404/657-8600

July 21, 2011

## TRIP REPORT

**Site Name**                Statetsboro Highway Creosote Site, HSI # 10827  
                                  (Jeffers Property)  
**and Location:**        6476 Statesboro Highway, Sylvania, Screven County  
  
**Trip By:**                Montague M<sup>C</sup>Pherson, Environmental Specialist *mmcp*  
                                  Response Development Unit, RRP  
  
**Date of Trip:**           July 21, 2011

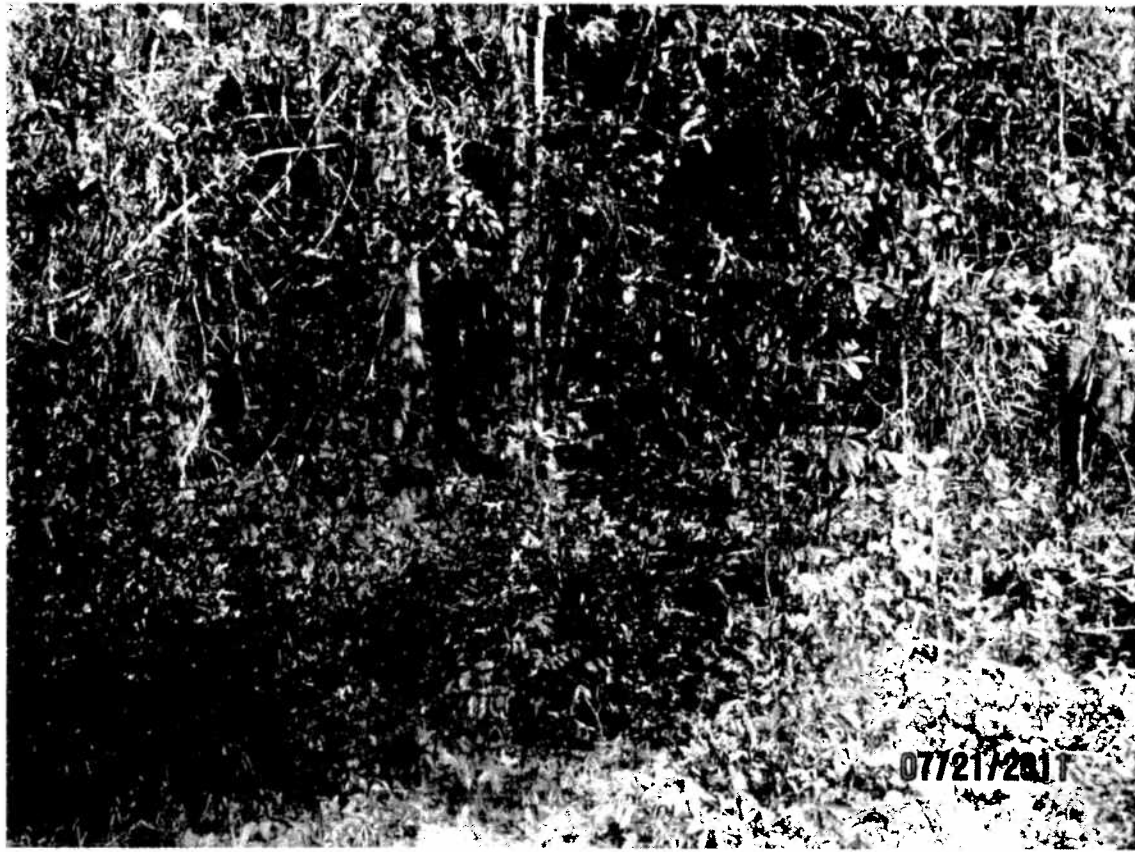
### Comments:

A visit was made to the above referenced site in Sylvania to observe if the creosote pit was still secure as was last observed in September 2005. The site can be reached by taking Interstate 75 South to Highway 16 East at Exit 165 going towards Savannah. Take US-301/US-25, exit 116, towards Statesboro. Turn left at the exit and follow US-301/25 N/73 N. Turn right at US-301 N/GA-73 N/E Parrish Street and follow the highway for a few miles. Turn into the second residence (driveway) after the intersection of Statesboro Highway and GA-17 at 6476 Statesboro Highway.

The site was discovered due to a public complaint. There is an old abandoned shed behind the owner's house where the creosote pit is located. The pit is an in-ground open tank approximately 25 feet by 4 feet by 4 feet and contains creosote. On a previous visit I had advised Mrs. Jeffers to cover the bin securely to keep children from coming into contact with the waste until EPD evaluated the situation. I found on my second visit that the pit was securely covered. The liquid waste was about one foot deep in the tank.

I spoke to Mrs Jeffers, the property owner, before embarking on the July 21, 2011 visit to the above site. She informed me that the pit was still securely covered and had not been tampered with since my last visit. During my July 21, 2011 visit, the pit was observed to be covered and secure, see pictures.





Jeffers Property  
6476 Statesboro Highway  
Sylvania, Screven County

Date: July 21, 2011

Picture: 1 of 4

Photographer: M McPherson

Response and Remediation  
Program

Explanation: Pathway to abandoned shed barn at rear of residence.



Jeffers Property  
6476 Statesboro Highway  
Sylvania, Screven County

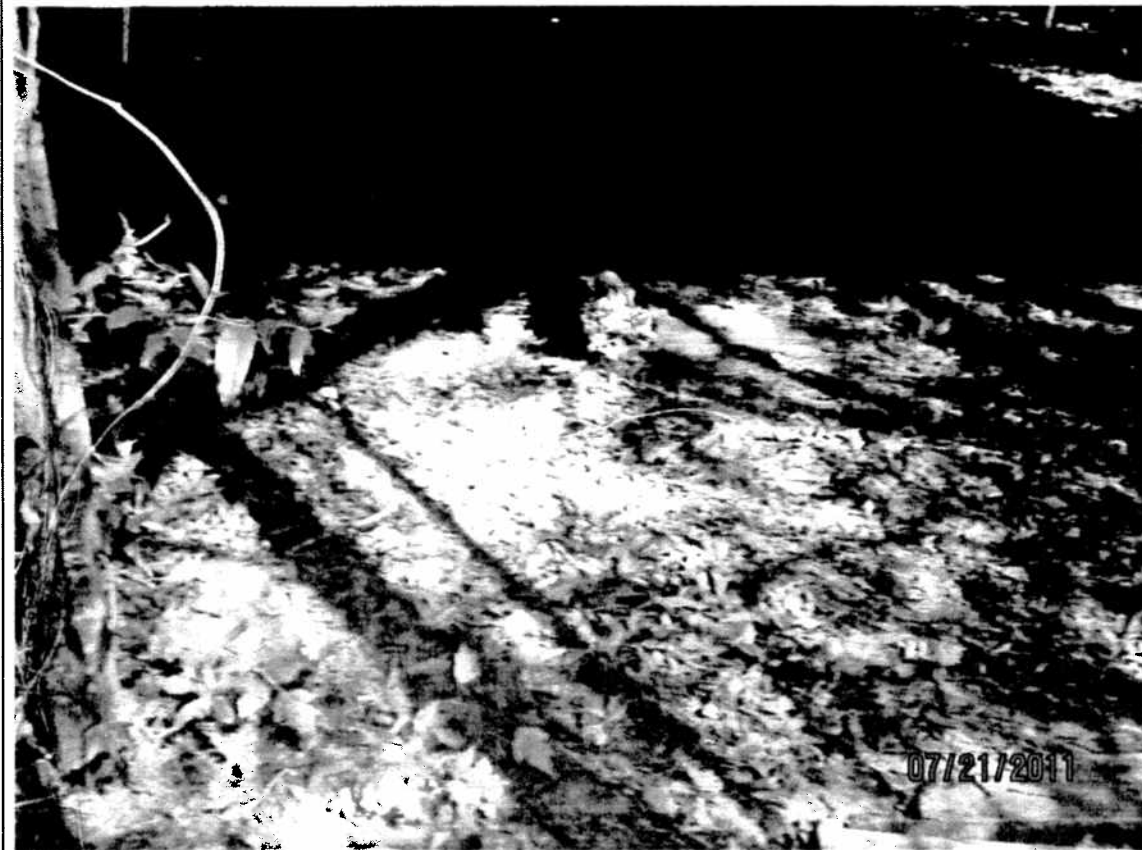
Date: July 21, 2011

Picture: 2 of 4

Photographer: M McPherson

Response and Remediation  
Program

Explanation: Picture of inside the abandoned shed barn showing covered pit.



Jeffers Property  
6476 Statesboro Highway  
Sylvania, Screven County

Date: July 21, 2011

Picture: 3 of 4

Photographer: M McPherson

Response and Remediation  
Program

Explanation: Closer view of covered pit.



Jeffers Property  
6476 Statesboro Highway  
Sylvania, Screven County

Date: Date: July 21, 2011

Picture: 4 of 4

Photographer: M McPherson

Response and Remediation  
Program

Explanation: Better view of covered pit inside the abandoned barn.

# Georgia Department of Natural Resources

2 Martin Luther King, Jr. Drive, S.E, Suite 1462 East, Atlanta, Georgia 30334

Noel Holcomb, Commissioner

Environmental Protection Division

Carol A. Couch, Ph.D., Director

Hazardous Waste Management Branch

404/657-8600

August 19, 2005

## TRIP REPORT

**Site Name** Jeffers Property  
**and Location:** 6476 Statesboro Highway, Sylvania, Screven County

**Trip By:** Montague M<sup>C</sup>Pherson, Environmental Specialist *mmp*  
Response Development Unit, HSRP

**Date of Trip:** August 18, 2005

### Comments:

A visit was made to the above referenced site in Sylvania on August 18, 2005 in response to a complaint about an old abandoned creosote pit. The site can be reached by taking Interstate 75 South to Highway 16 E at Exit 165 going towards Savannah. Take US-301/US-25, exit 116, towards Statesboro. Turn left at the exit and follow US-301/25 N/73 N. Turn right at US-301 N/GA-73 N/E Parrish Street and follow the highway for a few miles. Make a left onto GA-17/Statesboro Highway. The property is behind the church that is next to the Cedar Restaurant. The current owner of the property, Mrs. Sandra Jeffers, inherited the property from her parents.

On arrival, I was taken to an old abandoned shed behind the owner's house where the creosote pit is located. The pit is an in-ground open tank approximately 25 feet by 4 feet by 4 feet, see pictures. The tank contains a dark liquid waste with a naphthalene type of odor. Mrs. Jeffers explained that her father, who is deceased, used the creosote to treat wood posts in the tank during the early sixty's and that the posts were used for fences on the property. The liquid waste is about one foot deep in the tank. I advised Mrs. Jeffers to cover the tank securely to prevent children from coming into contact with the waste and until EPD evaluated the situation. The distance to the nearest residence other than the Jeffers is less than 300 feet at 152 Statesboro Highway in Sylvania.

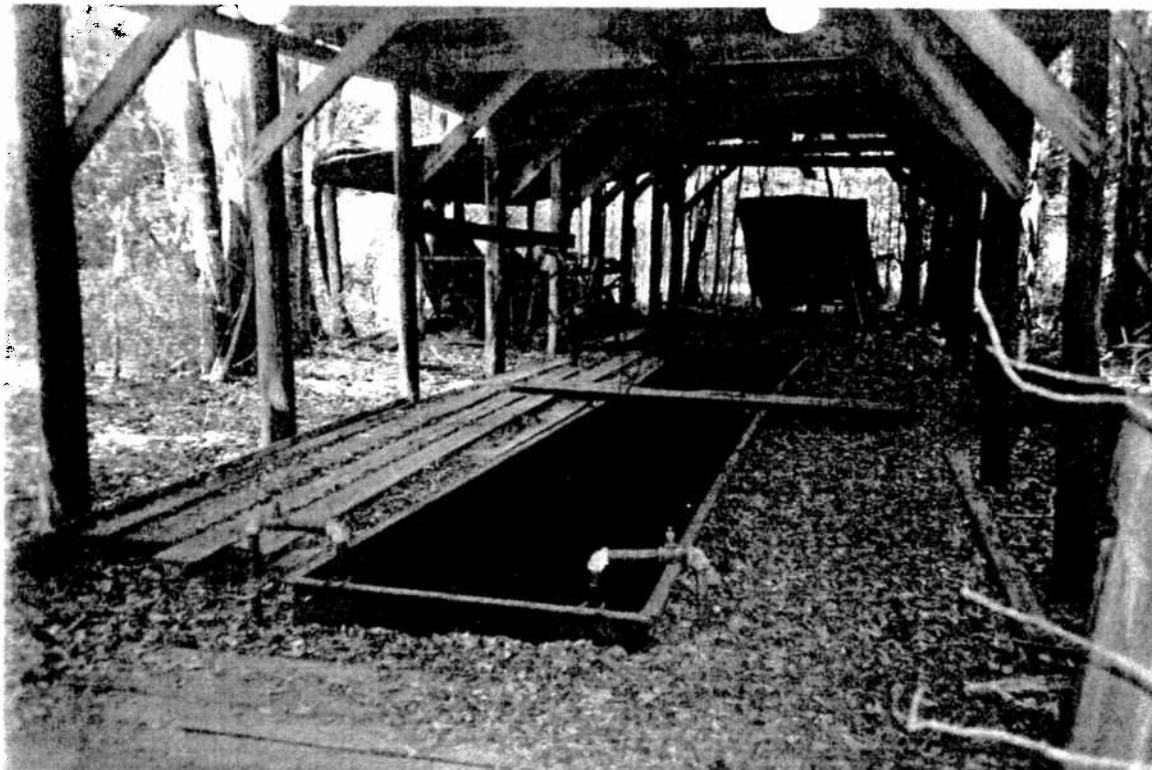
**Photographs:** 4

**Number Of Samples Taken:** None

**Reviewed By:** *JH*

**Date:** 12/13/05

S:\DRIVE\MONTMC\CDO\COMPLAIN\Jeffers Property\Trip Report.doc



**County:** Screven

**Picture 1 of 8**

**Site Name:** Jeffers Property

**Date:** August 18, 2005

**Photographer:** M M<sup>c</sup>Pherson

**Program:** Hazardous Site Response Program

**Explanation:** View at creosote tank under shed



**County:** Screven

**Picture 2 of 8**

**Site Name:** Jeffers Property

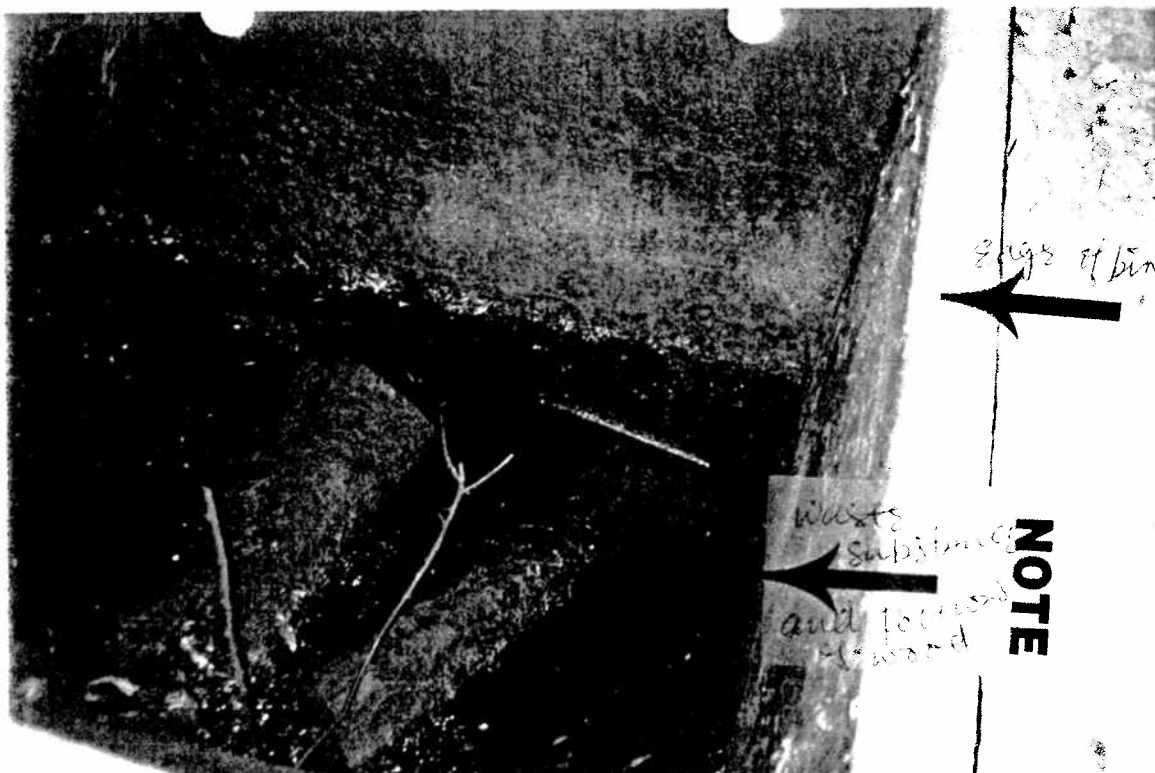
**Date:** August 18, 2005

**Photographer:** M M<sup>c</sup>Pherson

**Program:** Hazardous Site Response Program

**Explanation:** View of dark colored waste substance in tank. Leaves and portions of wood can be observed in tank.





County: Screven

Picture 3 of 8

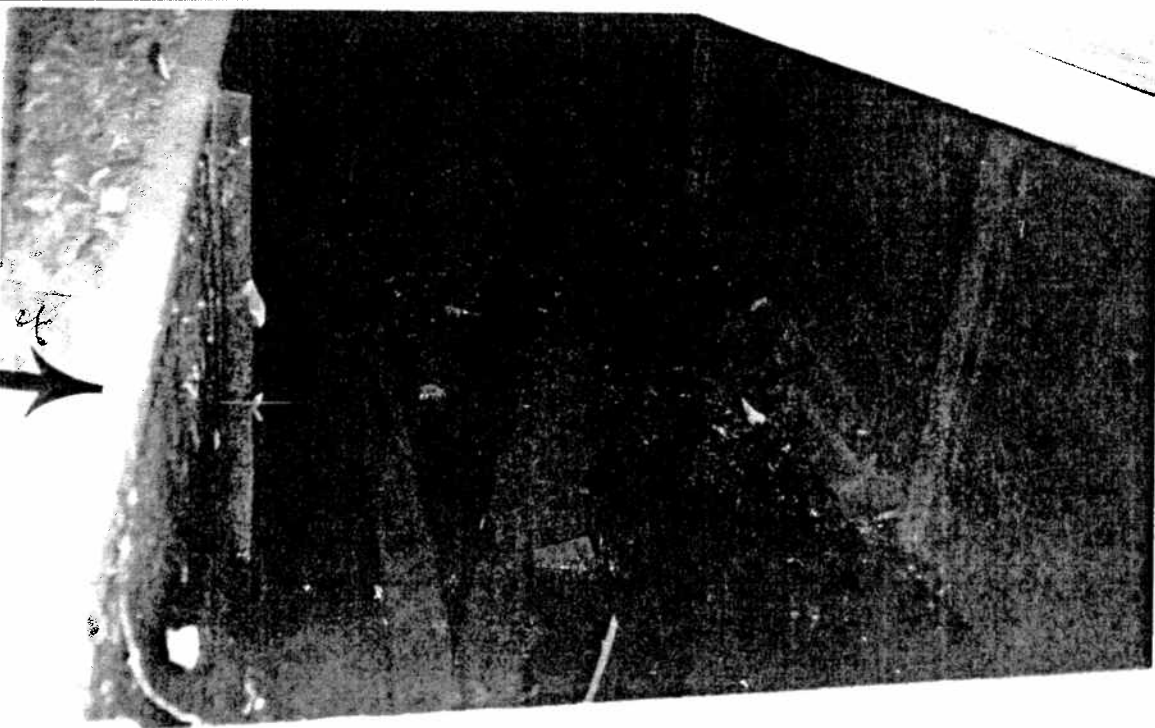
Site Name: Jeffers Property

Date: August 18, 2005

Photographer: M M<sup>c</sup>Pherson

Program: Hazardous Site Response Program

Explanation: Closer view of waste in tank under shed



County: Screven

Picture 4 of 8

Site Name: Jeffers Property

Date: August 18, 2005

Photographer: M M<sup>c</sup>Pherson

Program: Hazardous Site Response Program

Explanation: Wider view of dark colored waste in tank. Leaves and portions of wood can be observed.



**County:** Screven

**Picture 5 of 8**

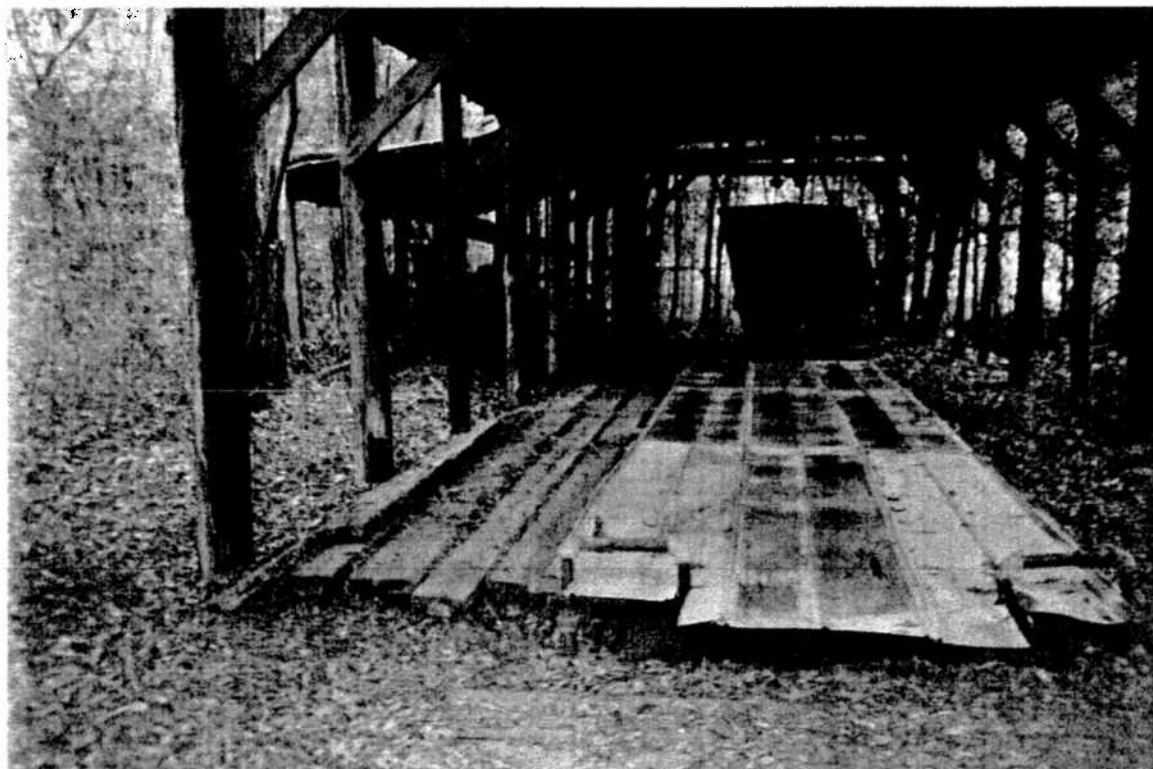
**Site Name:** Jeffers Property

**Date:** September 23, 2005

**Photographer:** M M<sup>c</sup>Pherson

**Program:** Hazardous Site Response Program

**Explanation:** Wider view of shed that covers the creosote tank at the rear of the Jeffers's property.



**County:** Screven

**Picture 6 of 8**

**Site Name:** Jeffers Property

**Date:** September 23, 2005

**Photographer:** M M<sup>c</sup>Pherson

**Program:** Hazardous Site Response Program

**Explanation:** Picture taken of covered tank after EPD's request on first visit.



**County:** Screven

**Picture** 7 of 8

**Site Name:** Jeffers Property

**Date:** September 23, 2005

**Photographer:** M M<sup>c</sup>Pherson

**Program:** Hazardous Site Response Program

**Explanation:** View of creosote tank partially opened for sampling purposes.



**County:** Screven

**Picture** 8 of 8

**Site Name:** Jeffers Property

**Date:** September 23, 2005

**Photographer:** M M<sup>c</sup>Pherson

**Program:** Hazardous Site Response Program

**Explanation:** Picture taken of waste samples.

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)  
REQUEST FOR LABORATORY ANALYSIS

Proposal

SDII

Facility Name/Location:

Mrs Sandra Jeffers

Sample Collected By/Phone:

Montague McPHERSON

Collection Date:

09/22/05

LAB No.

Date Submitted To Lab:

09/22/05

HWMB LOG NUMBER:

10148

Soil

File a separate Request Sheet for each sample point)

Analysis Needed By:

Routine

Other (specify)

Sample Description (check one)

Waste

Ground Water

Soil/Sediment

Surface Water

Concentration of Organics Requested (estimated): High Low Other (e.g.

Describe Sample Including Source and Known Properties (e.g. pH, concentration):

DARK Substance  
in 5' x 4" bin embedded in ground; soil area around bin.

Applicable Hazardous Waste Codes (if known)

Special Precautions:

## ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

## 1. TOTAL ORGANICS

Semi-Volatiles  
(Acid & Base/Neutral)  
Volatiles  
Pesticides  
Herbicides  
Organophosphorous Pesticides  
PCB  
BETX  
Total Petroleum Hydrocarbon

Organics Special Requests:

## 2. TOTAL METALS

ICP Metals Scan  
(Ag, As, Ba, Cd, Cr, Ni, Pb, Se)  
Mercury  
Metals Special Requests:1 4 OZ. JARS  
6 8 OZ. JARS  
2 16 OZ. JARS  
4 ENCORES

## 3. TCLP ORGANICS

Volatiles  
Semi-Volatiles (Acid & Base/Neutral)  
Additional Specific Organics for TCLP:Pesticides  
Herbicides

## 4. TCLP METALS ANALYSIS

TCLP Metals (Ag, As, Ba, Cd, Cr, Ni, Pb, Se)  
Mercury

Additional Metals for TCLP:

## 5. ADDITIONAL ANALYSIS REQUESTED (see list on back):

Reviewed By: (HWMB):

Approved By: (HWMB):

Date:

Date:

9-21-05

9-21-05

Reviewed By: (EPD Lab):

Date (EPD Lab):

From Montague

RECEIVED  
LABORATORIES  
2005 SEP 22 PM 3:22



**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

455 14th Street NW, Atlanta, GA 30318-7900  
(404) 206-5269

**LABORATORY REPORT**

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334		Date Collected: 09/22/05 Time Collected: 9:30 Sample Collector: M. MCPHERSO Chlorination: Sample Type:
Sample ID: AF08419 Facility Name: MRS. SANDRA JEFFERS/HW10148 Site ID: HWMB Location ID: Location Descr: HW10148	Received By: SDH Date Received: 09/22/05 Time Received: 3:22 PM Project: HW Reporting Date: 10/18/05 Received Temperature: 0.0 C	

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
<b>EPA 8260B In Soil QC Batch 80671</b>							
Dibromofluoromethane(Surrogate QC Std.)		EPA 8260B 54		ug/kg (dw)	5.8	KDD 09/23/05	45.5 to 60
1,2-Dichloroethane-d4(Surrogate QC Std.)		EPA 8260B 52		ug/kg (dw)	5.8	KDD 09/23/05	44 to 61.5
Toluene-d8(Surrogate QC Std.)		EPA 8260B 47		ug/kg (dw)	5.8	KDD 09/23/05	42.5 to 52.5
Bromofluorobenzene(Surrogate QC Std.)		EPA 8260B 40		ug/kg (dw)	5.8	KDD 09/23/05	37 to 52.5
Dichlorodifluoromethane	34668	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
Chloromethane	34418	EPA 8260B Not Detected		ug/kg (dw)	12	KDD 09/23/05	
Vinyl chloride	39175	EPA 8260B Not Detected		ug/kg (dw)	2.3	KDD 09/23/05	
Bromomethane	34413	EPA 8260B Not Detected		ug/kg (dw)	12	KDD 09/23/05	
Chloroethane	34311	EPA 8260B Not Detected		ug/kg (dw)	12	KDD 09/23/05	
Trichlorofluoromethane	34488	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
1,1-Dichloroethene	34501	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
Acetone	81552	EPA 8260B Not Detected		ug/kg (dw)	120	KDD 09/23/05	
1,1,2-Trichlorotrifluoroethane	81611	EPA 8260B Not Detected		ug/kg (dw)	12	KDD 09/23/05	
Iodomethane	77424	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
Carbon disulfide	77041	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
Methyl acetate	77032	EPA 8260B Not Detected		ug/kg (dw)	12	KDD 09/23/05	
Methylene chloride	34423	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
trans-1,2-Dichloroethene	34546	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
Methyl tert-butyl ether	46491	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
1,1-Dichloroethane	34496	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
Vinyl acetate	77057	EPA 8260B Not Detected		ug/kg (dw)	58	KDD 09/23/05	
2,2-Dichloropropane	77170	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
cis-1,2-Dichloroethene	77093	EPA 8260B Not Detected		ug/kg (dw)	5.8	KDD 09/23/05	
2-Butanone	81595	EPA 8260B Not Detected		ug/kg (dw)	120	KDD 09/23/05	

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

Inorganics:	Pat Sammons	404-206-5239
Metals:	Mark Tolbert	404-206-5240
Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

ANALYTE	PARAMETER		EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYSIS		MCL or QC Range
	CODE	NOTE					ANALYST	DATE	
Bromochloromethane	77297		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Chloroform	32106		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,1,1-Trichloroethane	34506		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Cyclohexane	81570		EPA 8260B	Not Detected	ug/kg (dw)	12	KDD	09/23/05	
Carbon tetrachloride	32102		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,1-Dichloropropene	77168		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Benzene	34030		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,2-Dichloroethane	32103		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Trichloroethene	39180		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Methylcyclohexane			EPA 8260B	Not Detected	ug/kg (dw)	12	KDD	09/23/05	
1,2-Dichloropropane	34541		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Dibromomethane	77596		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Bromodichloromethane	32101		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
cis-1,3-Dichloropropene	34704		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
4-Methyl-2-pentanone	81596		EPA 8260B	Not Detected	ug/kg (dw)	58	KDD	09/23/05	
Toluene	34010		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
trans-1,3-Dichloropropene	34699		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,1,2-Trichloroethane	34511		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Tetrachloroethene	34475		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,3-Dichloropropane	77173		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
2-Hexanone	77103		EPA 8260B	Not Detected	ug/kg (dw)	58	KDD	09/23/05	
Dibromochloromethane	32105		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,2-Dibromoethane	77651		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Chlorobenzene	34301		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,1,1,2-Tetrachloroethane	77562		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Ethylbenzene	34371		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
p,m-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	12	KDD	09/23/05	
o-Xylene	77135		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Styrene	77128		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Bromoform	32104		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Isopropylbenzene	77223		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
Bromobenzene	81555		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,1,2,2-Tetrachloroethane	34516		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,2,3-Trichloropropane	77443		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
N-Propylbenzene	77224		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
2-Chlorotoluene	77275		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
4-Chlorotoluene	77277		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,3,5-Trimethylbenzene	77226		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
tert-Butylbenzene	77353		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,2,4-Trimethylbenzene	77222		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
sec-Butylbenzene	77350		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
1,3-Dichlorobenzene	34566		EPA 8260B	Not Detected	ug/kg (dw)	5.8	KDD	09/23/05	
p-Isopropyltoluene	77356		EPA 8260B	Not Detected	ug/kg (dw) J	5.8	KDD	09/23/05	
1,4-Dichlorobenzene	34571		EPA 8260B	Not Detected	ug/kg (dw) J	5.8	KDD	09/23/05	
1,2-Dichlorobenzene	34538		EPA 8260B	Not Detected	ug/kg (dw) J	5.8	KDD	09/23/05	
n-Butylbenzene	77342		EPA 8260B	Not Detected	ug/kg (dw) J	5.8	KDD	09/23/05	
1,2-Dibromo-3-chloropropane			EPA 8260B	Not Detected	ug/kg (dw) J	5.8	KDD	09/23/05	

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ANALYTE	PARAMETER		EPA		QUALIFIER		ANALYSIS		MCL or QC Range
	CODE	NOTE	METHOD	RESULT	UNITS	RL	ANALYST	DATE	
1,2,4-Trichlorobenzene	34551		EPA 8260B	Not Detected	ug/kg (dw)	J 5.8	KDD	09/23/05	
Hexachlorobutadiene	38702		EPA 8260B	Not Detected	ug/kg (dw)	J 5.8	KDD	09/23/05	
Naphthalene	34696		EPA 8260B	Not Detected	ug/kg (dw)	J 5.8	KDD	09/23/05	
1,2,3-Trichlorobenzene	77613		EPA 8260B	Not Detected	ug/kg (dw)	J 5.8	KDD	09/23/05	
<b>8270 Semi-Vol in SOIL QC Batch 81182</b>									
2-Fluorophenol(Surrogate QC Std.)			EPA 8270C	54	ug/kg (dw)	0.00	GG	10/06/05	18 to 101
Phenol-d5(Surrogate QC Std.)			EPA 8270C	52	ug/kg (dw)	0.00	GG	10/06/05	21 to 108
Nitrobenzene-d5(Surrogate QC Std.)			EPA 8270C	46	ug/kg (dw)	0.00	GG	10/06/05	19 to 106
2-Fluorobiphenyl(Surrogate QC Std.)			EPA 8270C	80	ug/kg (dw)	0.00	GG	10/06/05	31 to 113
2,4,6-Tribromophenol(Surrogate QC Std.)			EPA 8270C	52	ug/kg (dw)	0.00	GG	10/06/05	35 to 108
Terphenyl-d14(Surrogate QC Std.)			EPA 8270C	93	ug/kg (dw)	0.00	GG	10/06/05	55 to 112
Pyridine	77045		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
n-Nitrosodimethylamine	34438		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2-Picoline	77088		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Methylmethanesulfonate	73595		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Ethylmethanesulfonate	73571		EPA 8270C	Not Detected	ug/kg (dw)	200000	GG	10/06/05	
Aniline	77089		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Benzaldehyde			EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Phenol	34694		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
bis(2-Chloroethyl)ether	34273		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2-Chlorophenol	34586		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
1,3-Dichlorobenzene	34566		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
1,4-Dichlorobenzene	34571		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Benzyl Alcohol	77147		EPA 8270C	Not Detected	ug/kg (dw)	200000	GG	10/06/05	
1,2-Dichlorobenzene	34536		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Bis(2-Chloroisopropyl)ether	34283		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Acetophenone	81553		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
4-Methylphenol			EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
N-Nitroso-di-n-propylamine	34428		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Hexachloroethane	34396		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Nitrobenzene	34447		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
N-Nitrosopiperidine	73619		EPA 8270C	Not Detected	ug/kg (dw)	200000	GG	10/06/05	
Isophorone	34408		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2-Nitrophenol	34591		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2,4-Dimethylphenol	34606		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Bis(2-Chloroethoxy)methane	34278		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Benzoic Acid	77247		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
2,4-Dichlorophenol	34601		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
1,2,4-Trichlorobenzene	34551		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
aa-Dimethyl-Phenethylamine	73564		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Naphthalene	34696		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
4-Chloroaniline	73529		EPA 8270C	Not Detected	ug/kg (dw)	200000	GG	10/06/05	
2,6-Dichlorophenol	77541		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Hexachlorobutadiene	38702		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Caprolactam			EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
N-Nitroso-di-n-butylamine	73609		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
4-Chloro-3-Methylphenol	34452		EPA 8270C	Not Detected	ug/kg (dw)	200000	GG	10/06/05	
2-Methylnaphthalene	77416		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
1,2,4,5-Tetrachlorobenzene	77734		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Hexachlorocyclopentadiene	34386		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2,4,6-Trichlorophenol	34621		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2,4,5-Trichlorophenol	77687		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
1,1'-Biphenyl			EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2-Chloronaphthalene	34581		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
1-Chloronaphthalene			EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2-Nitroaniline	78142		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
Dimethylphthalate	34341		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Acenaphthylene	34200		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2,6-Dinitrotoluene	34626		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
3-Nitroaniline	78300		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
Acenaphthene	34205		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2,4-Dinitrophenol	34616		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
4-Nitrophenol	34646		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
Dibenzofuran	81302		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Pentachlorobenzene	77793		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2,4-Dinitrotoluene	34611		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
1-Naphthylamine	73600		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2-Naphthylamine	73601		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
2,3,4,6-Tetrachlorophenol			EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Diethylphthalate	34336		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Fluorene	34381		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
4-Chlorophenyl-Phenylether	34641		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
4-Nitroaniline	30342		EPA 8270C	Not Detected	ug/kg (dw)	200000	GG	10/06/05	
Diphenylamine	77579		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
4,6-Dinitro-2-Methylphenol	34657		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
N-Nitrosodiphenylamine	34433		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
1,2-Diphenylhydrazine	34346		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
4-Bromophenyl-phenylether	34636		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Phenacetin	62018		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Hexachlorobenzene	39700		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Atrazine	39033		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
4-Aminobiphenyl	77581		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Pentachlorophenol	39032		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
Pronamide	39080		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Pentachloronitrobenzene	81316		EPA 8270C	Not Detected	ug/kg (dw)	200000	GG	10/06/05	
Phenanthrene	34461		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Anthracene	34220		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Carbazole	82618		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Di-n-Butylphthalate	39110		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Fluoranthene	34376		EPA 8270C	120000	ug/kg (dw)	99000	GG	10/06/05	
Benzidine	39120		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Pyrene	34469		EPA 8270C	130000	ug/kg (dw)	99000	GG	10/06/05	
p-Dimethylaminoazobenzene	73558		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	

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ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
Butylbenzylphthalate	34292		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Benzo[a]anthracene	34526		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
3,3'-Dichlorobenzidine	34631		EPA 8270C	Not Detected	ug/kg (dw)	200000	GG	10/06/05	
Chrysene	34320		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Bis(2-Ethylhexyl)phthalate	39100		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Di-n-octylphthalate	34596		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Benzo[b]fluoranthene	34230		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Benzo[k]fluoranthene	34242		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
7,12-Dimethylbenz(a)anthracen	73559		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Benzo[a]pyrene	34247		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
3-Methylcholanthrene	73591		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Dibenz(a,j)acridine			EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Indeno[1,2,3-cd]pyrene	34403		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Dibenz[a,h]anthracene	34556		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Benzo[g,h,i]perylene	34621		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Alpha-BHC	39337		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Gamma-BHC	39340		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Beta-BHC	39338		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Delta-BHC	34259		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Heptachlor	39410		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Aldrin	39330		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Heptachlor Epoxide	39420		EPA 8270C	Not Detected	ug/kg (dw)	250000	GG	10/06/05	
Endosulfan 1	34361		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
Dieldrin	39380		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
p,p'-DDE	39320		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Endrin	39390		EPA 8270C	Not Detected	ug/kg (dw)	240000	GG	10/06/05	
Endosulfan 2	34356		EPA 8270C	Not Detected	ug/kg (dw)	500000	GG	10/06/05	
p,p'-DDD	39310		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Endrin Aldehyde	34366		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Endosulfan Sulfate	34351		EPA 8270C	Not Detected	ug/kg (dw)	250000	GG	10/06/05	
p,p'-DDT	39300		EPA 8270C	Not Detected	ug/kg (dw)	99000	GG	10/06/05	
Semi-Volatile TCLP Warranted?			EPA 1311	No	Yes/No	REG.LEV.CLA		10/17/05	
Volatile TCLP Warranted?			EPA 1311	No	Yes/No	REG.LEV.KDD		09/23/05	

#### ICP Metals HW in Solids QC Batch 80672

Silver	01078	EPA 6010B	Not Detected	mg/kg (dw)	10	PSB	09/29/05
Arsenic	01003	EPA 6010B	Not Detected	mg/kg (dw)	8.0	PSB	09/29/05
Barium	01008	EPA 6010B	25	mg/kg (dw)	1.0	PSB	09/29/05
Cadmium	01028	EPA 6010B	Not Detected	mg/kg (dw)	1.0	PSB	09/29/05
Chromium	01029	EPA 6010B	4.3	mg/kg (dw)	2.0	PSB	09/29/05
Lead	01052	EPA 6010B	24	mg/kg (dw)	9.0	PSB	09/29/05
Selenium	01148	EPA 6010B	Not Detected	mg/kg (dw)	19	PSB	09/29/05

#### QC Batch 80746

Mercury		EPA 7471A	Not Detected	mg/kg (dw)	0.102	HAM	09/30/05
Metals TCLP Warranted?		EPA 1311	No	Yes/No	REG.LEV.AGV		09/29/05

COMMENTS: \$826BS- EPA 8260B- Sample had one internal standard compound, 1,4-Dichlorobenzene-d4 (41% response, limits 50-200%) with a response outside of acceptable control limits due to sample matrix interferences. All associated compounds will be "J", as estimated values. LCS results were within acceptable control limits. 7-092905-342

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COMMENTS: \$ICPHS-6010 B: ICP Metals- Reporting limits for Silver raised due to matrix interference.

COMMENTS: \$R\_827CS - EPA 8270C - Matrix Spike had eleven spike compounds, Phenol (0% recovery, limits 26-102%), 2-Chlorophenol (0% recovery, limits 15-108%), 1,4-Dichlorobenzene (0% recovery, limits 15-96%), N-nitroso-di-n-propylamine (0% recovery, limits 32-121%), 1,2,4-Trichlorobenzene (0% recovery, limits 19-108%), 4-Chloro-3-Methylphenol (0% recovery, limits 41-105%), 2,4-Dinitrotoluene (0% recovery, limits 46-100%), 4-Nitrophenol (0% recovery, limits 12-136%), Acenaphthene (0% recovery, limits 52-110%), Pentachlorophenol (0% recovery, limits 23-116%) and Pyrene (180% recovery, limits 42-125%) with recoveries outside acceptable control limits due to large dilution required for high concentrations of target and non-target compounds. 7-101705-360

COMMENTS: \$827CW - EPA 8270C - Reporting limits raised due to elevated concentrations of target and non-target compounds.

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Organics:	Danny Reed	404-206-5252
GC Mass Spec:	Steve Bryan	404-206-5260
Microbiology:	Viola Reynolds	404-206-5210

HAZARDOUS WASTE MANAGEMENT BRANCH (HWMB)  
REQUEST FOR LABORATORY ANALYSIS

T-779 P.002/002 F-282

SDH

Facility Name/Location: MRS SANDRA JEFFERS  
Sample Collected By/Phone: Montague McPHERSON  
Collection Date: 09/22/05 LAB No. \_\_\_\_\_  
Date Submitted To Lab: 09/22/05  
HWMB LOG NUMBER: 10147 waste  
*File a separate Request Sheet for each sample point*

Analysis Needed By: Routine \_\_\_\_\_ Other (specify) \_\_\_\_\_

Sample Description (check one)

Waste ☒ Ground Water ☐ Soil/Sediment ☒ Surface Water ☐



Sample ID AF08417  
Location: HWMB  
Description: MRS. SANDRA JEFFERS/HW10147  
Collector: M. MCPHERSON  
Site: \_\_\_\_\_

Concentration of Organics Requested (estimated): High \_\_\_\_\_ Low \_\_\_\_\_ Other (e.g., rinse) \_\_\_\_\_

Describe Sample including Source and Known Properties (e.g. pH, concentration):

DARK substance  
in 5'x4" bin embedded in ground; soil area around bin.

Applicable Hazardous Waste Codes (if known) \_\_\_\_\_

Special Precautions: \_\_\_\_\_

ANALYSIS REQUIRED

(Note: Totals will always be run first. A TCLP will subsequently be run only if the total value indicates a positive TCLP could results)

1. TOTAL ORGANICS

Semi-Volatiles  
(Acid & Base/Neutral)  
Volatiles  
Pesticides  
Herbicides  
Organophosphorous Pesticides  
PCB  
BETX  
Total Petroleum Hydrocarbon

2. TOTAL METALS

ICP Metals Scan  
(Ag,As,Ba,Cd,Cr,NI,Pb,Se)  
Mercury  
Metals Special Requests:

1 4 OZ. JARS  
6 8 OZ. JARS  
2 16 OZ. JARS

Organics Special Requests: \_\_\_\_\_

3. TCLP ORGANICS

Volatiles  
Semi-Volatiles (Acid & Base/Neutral)  
Additional Specific Organics for TCLP: \_\_\_\_\_

Pesticides  
Herbicides

4. TCLP METALS ANALYSIS

TCLP Metals (Ag,As,Ba,Cd,Cr,NI,Pb,Se)  
Mercury

Additional Metals for TCLP: \_\_\_\_\_

5. ADDITIONAL ANALYSIS REQUESTED (see list on back): \_\_\_\_\_

Reviewed By: (HWMB): [Signature]  
Approved By: (HWMB): [Signature]

Date: 9-19-05  
Date: 9-19-05

Reviewed By: (EPD Lab): \_\_\_\_\_  
Date (EPD Lab): \_\_\_\_\_

From Montague

RECEIVED  
EPD LABORATORIES  
2005 SEP 22 PM 3:22

Preservative Confirmed

pH < 2 \_\_\_\_\_  
Temp \_\_\_\_\_

**GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION**

455 14th Street NW, Atlanta, GA 30318-7900  
(404) 206-5269

**LABORATORY REPORT**

TO: Georgia Env Protection Divison Hazardous Waste Mgmt Branch 205 Butler St SE Suite 1154E Atlanta, GA 30334		Date Collected: 09/22/05 Time Collected: 10:00 Sample Collector: M. MCPHERSO Chlorination: Sample Type:
Sample ID: AF08417 Facility Name: MRS. SANDRA JEFFERS/HW10147 Site ID: HWMB Location ID: Location Descr: HW10147	Received By: SDH Date Received: 09/22/05 Time Received: 3:22 PM Project: HW Reporting Date: 10/18/05 Received Temperature: 0.0 C	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYST	ANALYSIS DATE	MCL or QC Range
<b>\$FLASH Analysis QC Batch 80724</b>									
Flashpoint			EPA 1010	>140	Deg F		AJ	09/29/05	
Duplicate Flashpoint			EPA 1010	>140	Deg F		AJ	09/29/05	

ug/L: micrograms/liter  
 mg/L: milligrams/liter  
 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
 ppm: parts per million  
 ppb: parts per billion  
 org/L: organisms/liter

<: less than  
 MCL: Maximum Contaminant Level  
 RL: Reporting Limit  
 LSPC: result less than lower specification  
 USPC: result greater than upper specification  
 TIE: Tentatively Identified or Estimated  
 VIOL: Violation (result exceeds MCL)

**Laboratory Contacts:**

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