



November 6, 2014

Mr. Brian Englert  
Federal On-Scene Coordinator  
U.S. EPA Region 4  
61 Forsyth Street, S.W.  
Atlanta, GA 30303-8960

**Subject: Removal Site Evaluation Letter Report, Revision 2**  
**Pineville Textile Mill**  
**Pineville, Mecklenburg County, North Carolina**  
**TDD No.: GSA-03-012**  
**Contract No.: GS00F0006L**

Dear Mr. Englert:

Oneida Total Integrated Enterprises (OTIE) has prepared this Removal Site Evaluation (RSE) Letter Report detailing activities conducted in support of the U.S. Environmental Protection Agency (EPA). All activities and procedures discussed and described in this letter report were presented and conducted in accordance with the site specific approved OTIE Quality Assurance Project Plan/Site Sampling Plan (QAPP/SSP) approved by EPA on September 20, 2014.

The scope of the RSE was to conduct sampling and hazard categorization (HazCat) activities associated with more than 50 abandoned drums of unknown content located at the Pineville Textile Mill Site (the site) in Pineville, Mecklenburg County, North Carolina. Specifically, OTIE was tasked to prepare a Health and Safety Plan (HASP); provide equipment and personnel to conduct sampling of drums; conduct HazCat of the drum contents; collect multimedia samples, as needed; arrange for polychlorinated biphenyl (PCB) and toxic characteristic leaching procedure (TCLP) analysis of selected samples; document site activities with photographs and written logbook notes; and prepare a RSE Letter Report.

This Letter Report summarizes the sampling activities performed at the site from September 23 to September 25, 2014, and subsequent HazCat testing and laboratory analysis of the collected samples. Figures and tables are provided in Attachment A and B, respectively. A photographic log of site activities is provided as Attachment C.

A complete copy of the logbook notes are provided as Attachment D. Copies of the laboratory analytical reports are provided in Attachment E.

### **Physical Location**

The parcel is located at 436 Cone Avenue, Pineville, Mecklenburg County, North Carolina. The geographic coordinates for an approximate center point of the parcel are 35.083789 North latitude and -80.894897 West longitude. Figures 1 and 2 provided in Attachment A illustrate the location of the site and the surrounding areas.

The property consists of one parcel identified as parcel 22105107 by the North Carolina Tax Assessor's office and occupies approximately 28.3 acres. It is located in an urban area that is a mixture of commercial and residential properties. The parcel is bordered by transportation corridors consisting of city streets (Dover Street, Hill Street, and Cone Avenue). It was the site of the former Cone Mills Corp. Pineville Plant (RCRA ID NCD003184488).

The parcel is bordered by a Norfolk Southern railway followed by Jack D. Hughes Community Park to northwest; an office building followed by a residential property, a vacant lot, and a Town of Pineville municipal office building to the northeast; Dover Street and Cone Avenue followed by residential properties to the east; Cone Avenue followed by residential properties to the south; Fisher Street and Hill Street followed by residential properties and a Masonic lodge to the southwest; and a Norfolk Southern railway followed by a wooded parcel to the west. Sugar Creek, a tributary of the Catawba River, runs east to west approximately 1,000 feet north of the parcel.

### **Site History**

According to tax records, the site was first developed in the early 1900s as a light manufacturing facility. The primary structures on the site are eight warehouse-type and office-type buildings. All of the buildings are single-story. The majority of the buildings are constructed primarily of brick with concrete slabs.

In 1894, a coterie of Charlotte stockholders formed Dover Yarn Mills and established the cotton mill in Pineville. In 1908, the mill was acquired by the Chadwick-Hoskins Company of Charlotte, and was known as Mill No. 5. In 1915, Mill No. 5 at Pineville was manufacturing white cotton sheeting. During the 1920s, Chadwick-Hoskins expanded and updated its Pineville plant. The North Carolina Bureau of Labor and Printing reported in 1925 that the Pineville textile plant was manufacturing gingham in addition to new lines of assorted "cotton goods". In 1946, Chadwick-Hoskins was acquired by the expanding Cone Mills Corporation of Greensboro, North Carolina.

Cone Mills installed new machinery to produce cotton jeans, and in the ensuing decades expanded and modernized the Pineville mill. In 1991, Cone Mills shut down the Pineville plant. In 2003, Cone Mills filed for bankruptcy and its assets were sold. In 2010, 436 Cone Avenue LLC acquired the property. The mill complex remains closed and the equipment and portions of the interior woodwork, including the wood flooring, have been stripped and sold.

### **Site Background**

The North Carolina Department of Environment and Natural Resources (NCDENR) requested support from EPA after inspecting the site and observing materials suspected of containing PCBs.

### **Removal Investigation Activities**

OTIE prepared a Health and Safety Plan (HASP), and deployed to the site on September 23, 2014. Upon arrival at the site, OTIE performed a site walkthrough with the Federal On-Scene Coordinator (OSC), set up a work station, and began the HazCat process of the 53 drums/containers of unknown material identified on-site. The drums/containers inventoried on site consisted of 41 55-gallon drums, seven 5-gallon containers, one 30-gallon drum, one 15-gallon drum, two 25,000-gallon aboveground storage tanks (AST), and one underground sump of unknown volume. The underground sump appears to contain storm water. The drums and containers were found inside and outside of the three remaining buildings on site. For the purposes of this report the buildings will be referred to as the “Warehouse”, “Middle Building”, and the “Factory”. Figure 3 provided in Attachment A illustrates the named buildings and the approximate location of drums/containers.

Following the initial site walk and work station set-up, field activities on September 23, 2014 included screening the drums and work areas for radioactivity, organic vapors, and toxic gases; numbering containers using a paint or grease pen; photo-documenting and assessing the condition of each container; and sampling drums 1-12, located in the vicinity of the loading dock at the southeast end of the Warehouse building for HazCat purposes. The drum inventory is provided as Table 1 in Attachment B.

A Ludlum Model 14C Survey Meter was used to screen for alpha ( $\alpha$ ), beta ( $\beta$ ), and gamma ( $\gamma$ ) radiation; and, a Fisher Scientific TVA-1000 Flame Ionization Detector/Photoionization Detection (FID/PID) and a RAE Systems Multi-RAE were used to screen for organic and toxic vapors, respectively. Level C personal protective equipment (PPE) was donned during the initial screening of the drums. No radioactive materials were detected during the site walkthrough. FID/PID screening of drums indicated that container number 24 and 25 contained

materials capable of generating organic vapors in excess of 50 parts per million (ppm) which per OTIE's HASP required the use of Level B PPE.

The majority of the drums were in fair to good condition. Three drums (23, 30, and 31) were in poor condition and leaking. Drums number 30 and 31 were over packed due to their condition. Drum 23 wasn't over packed as it was nearly empty. Absorbent pads and an oil dry type of absorbent were placed around the base of Drum 23.

On September 24, 2014, OTIE completed sampling of 48 of the 53 remaining containers located throughout the site. The five remaining unsampled containers still retained their original manufacturer seals; were too degraded to allow for sample collection; or contained a material similar to another drum and was not deemed necessary to sample. OTIE also collected samples from the two on-site ASTs and a storm water sump. The two ASTs, located to the southeast of the Warehouse, both hold up to approximately 25,000 gallons, but only residual oily materials were present in the tanks during this sampling event. The sump is located on the southeast perimeter of the Factory building and is of an unknown volume. A visual inspection of the sump indicated that it was full of mostly water and debris.

On the morning of September 25, 2014, OTIE collected two bulk samples of the suspect asbestos containing material (ACM) for laboratory analysis. One sample (PTM-TSI-01) was collected from debris materials located in the west end of the Warehouse (see Photo #37 of Photographic Log in Attachment C), and a second sample (PTM-TSI-02) was collected from pipe insulation on the floor in the Factory building. Additional suspected ACM was identified in a roll-off dumpster located in the large parking lot located southwest of the Factory building. The suspect ACM bulk samples were submitted to EMLab P&K in Ft. Lauderdale, Florida for polarized light microscopy (PLM) analysis by EPA method EPA/600/R-93/116. A description and the analytical results of these materials is discussed in the next section of the report.

Under the OSC's direction, OTIE demobilized from the site on September 25, 2014 to conduct HazCat screening off-site at OTIE's Atlanta, GA facility.

### **Removal Site Evaluation Findings and Results**

HazCat results indicated that the 53 drums of unknown material would be segregated into 10 different waste streams:

- 1) Liquid – acid/oxidizer/chloride



- 2) Liquid and sludge – flammable
- 3) Liquid – base
- 4) Liquid – organic/neutral (“Transformer Oil Drums”)
- 5) Liquid/gel/sludge – organic/neutral
- 6) Liquid – neutral
- 7) Liquid – dye
- 8) Solid – neutral
- 9) Liquid – wax stripper
- 10) Grease/lube – organic/neutral

Table 1 provided in Attachment B presents the findings of the HazCat testing. As indicated on Table 1, two drum samples (#2 and #8) tested positive via a Clor-N-Oil test. Table 2 provided in Attachment B summarizes the projected waste streams and lists specific drums/containers corresponding to each waste stream.

Fourteen (14) waste samples, including 11 grab samples and three composite samples, were submitted to TestAmerica of Nashville, Tennessee for PCB analysis by EPA method SW846-8082. Seven (7) of these samples indicated detectable concentrations of Aroclor-1260 in excess of the reporting limit (RL). No samples were found to have PCB concentrations greater than or equal to 50 ppm. Results from PCB analysis are presented in Table 3 in Attachment B. The numerical suffix of the sample ID (i.e. PTM-WS-01) corresponds to the drum number from which the sample originated. As a result of HazCat testing and laboratory analysis it appears that there are a total of 24 drums containing what appears to be “Transformer Oil”.

Two (2) composite waste samples were submitted to TestAmerica of Nashville, Tennessee for analysis of TCLP) semivolatile organic compounds (SVOC), TCLP volatile organic compounds (VOC), TCLP Resource Conservation and Recovery Act (RCRA) metals, TCLP pesticides, and TCLP herbicides by EPA methods SW846-8270, SW846-6010B/7470, SW846-8081, and SW846-8151, respectively. Results of the TCLP analysis indicated that benzene concentrations in sample PTM-TCLP-01 were in excess of 0.5 milligrams per liter (mg/L); the TCLP regulatory limit defined in 40 CFR 261.24. Sample PTM-TCLP-01 was a composite sample comprised of aliquots from drums #1, 3, 4, 6, 7, 10, 12, 16, 19, and 45. Sample PTM-TCLP-02 was a composite sample comprised of aliquots from drums #23, 29, 33, and 48. Results from TCLP analysis are presented in Table 4 in Attachment B.

Analytical results received from EMLab P&K for the suspected ACM bulk samples indicated that one of the two samples analyzed was positive for asbestos content. A thermal systems insulation (TSI) material (sample PTM-TSI-02), was collected from pipe insulation (see Photo #55 in the Photographic Log in Attachment C) on the floor in the Factory building, contained 8% Amosite and 3% Chrysotile.

The analytical reports are included in Attachment E. Figure 3 provided in Attachment A illustrates the approximate locations where these samples were collected.

### **Conclusion**

No further activities are anticipated at the site by OTIE. Any additional activities will be at the direction of EPA.

If you have any questions or comments regarding this Letter Report or require any additional information, please contact myself or Mr. Greg Kowalski, OTIE Program Manager, at 678-355-5550.

Sincerely,



Eric Morris  
Report Author/Staff Scientist  
OTIE

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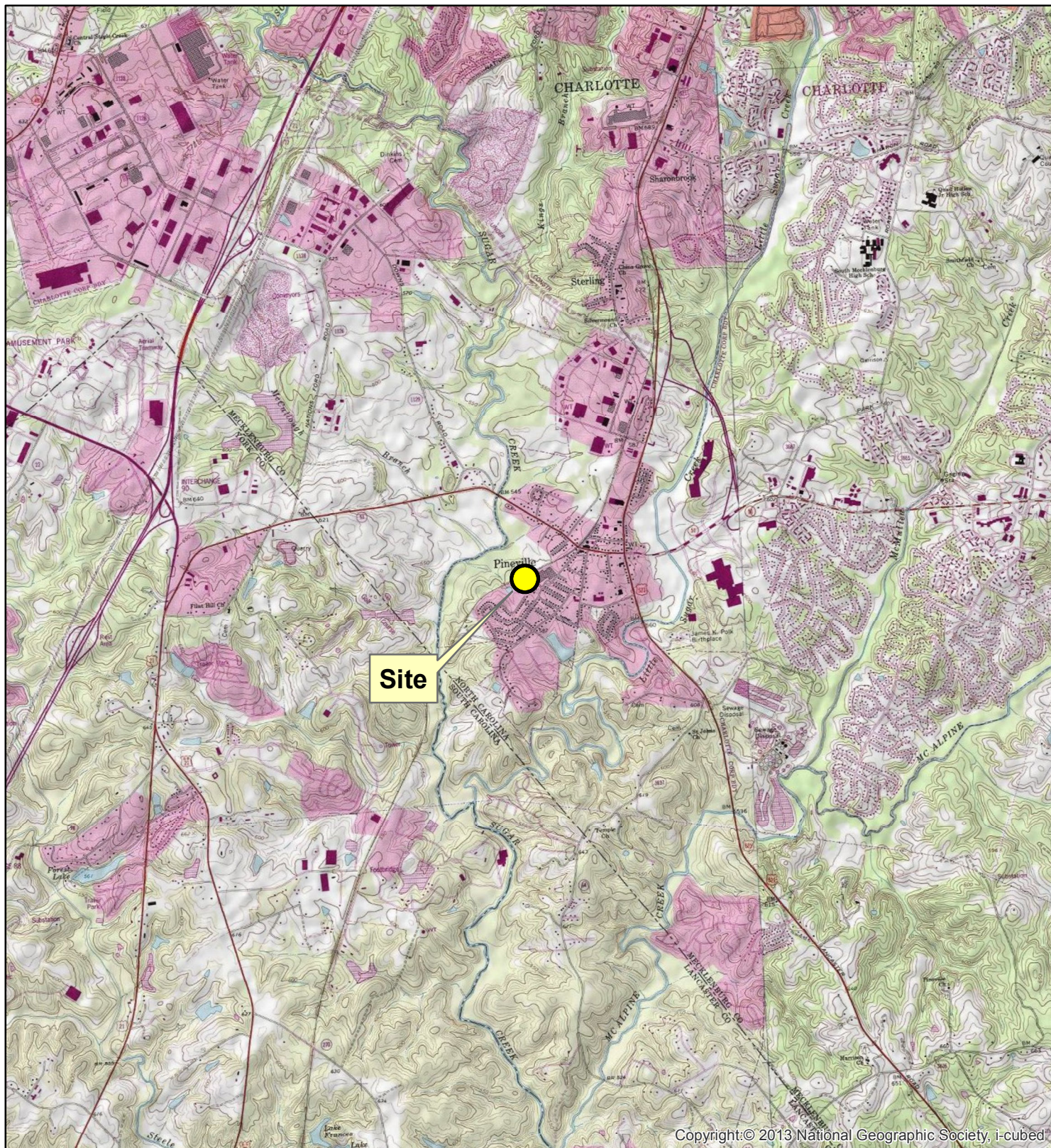
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Enclosures

**ATTACHMENT A**  
**FIGURES**





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

0 0.5 1 Miles



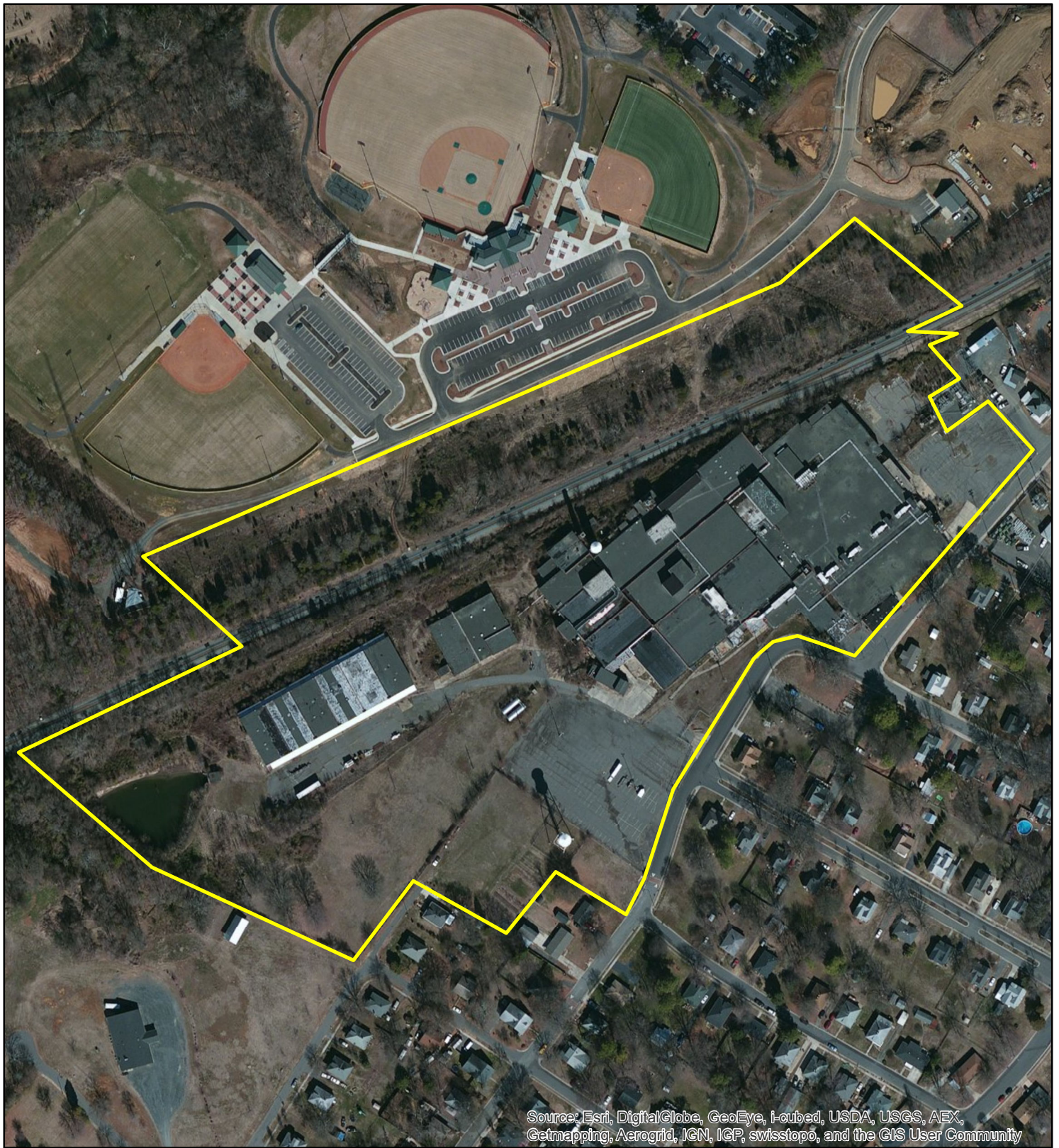
United States Environmental Protection Agency

PINEVILLE TEXTILE MILL  
PINEVILLE, MECKLENBURG COUNTY,  
NORTH CAROLINA  
TDD No. GSA-03-012

## FIGURE 1 TOPOGRAPHIC MAP







Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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

## Legend



Approximate  
Parcel Boundary

0 250 500 Feet



United States Environmental Protection Agency

PINEVILLE TEXTILE MILL  
PINEVILLE, MECKLENBURG COUNTY,  
NORTH CAROLINA  
TDD No. GSA-03-012


## FIGURE 2 AERIAL SITE MAP







## Legend

-  Drum / Container Locations
-  Aboveground Storage Tanks With Oil Residuals
-  Sump Pit
-  Locations of Suspected Asbestos Containing Materials

0 125 250  
Feet



United States Environmental Protection Agency

**PINEVILLE TEXTILE MILL  
PINEVILLE, MECKLENBURG COUNTY  
NORTH CAROLINA  
TDD No. GSA-03-012**

### **FIGURE 3 STUDY AREAS LOCATIONS MAP**



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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



**ATTACHMENT B**  
**TABLES**

**TABLE 1  
PINEVILLE TEXTILE MILL  
DRUM INVENTORY**

Drum #	Sample Date	Location of Container	Drum Type	Volume (gal)	Drum Contents	Drum Condition	Physical State	Color(s) of product	Clarity	Peroxide (Y/N)	Oxidizer (Y/N)	pH	Classification	Water Reactive (Y/N)	Water Solubility (S/P/I)	Organic Solubility (S/P/I)	Flammable (Y/N)	Chlorides Present (Y/N)	Label on drum	Clor-n-oil result (Pos. or Neg.)	Lab results
1	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Cloudy	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	PCB-1260 at 10.1 mg/Kg
2	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Pos.	NA
3*	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	PCB-1260 at 9.80 mg/Kg
4	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	PCB-1260 at 10.1 mg/Kg
5	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.81 mg/Kg for PCBs
6	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	PCB-1260 at 9.42 mg/Kg
7	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	4	Neutral	N	S	I	N	N	None	NA	PCB-1260 at 9.87 mg/Kg
8	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Cloudy	N	N	5	Org/Neutral	N	I	S	N	N	None	Pos.	NA
9	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	Corrosive	Neg.	<RL of 4.81 mg/Kg for PCBs
10	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	Santicizer 160	NA	<RL of 4.85 mg/Kg for PCBs
11	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.81 mg/Kg for PCBs
12	9/23/2014	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	3	Neutral	N	P	I	N	N	None	NA	<RL of 4.85 mg/Kg for PCBs
13	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.81 mg/Kg for PCBs
14	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	Santicizer 160	Neg.	<RL of 4.81 mg/Kg for PCBs
15	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.90 mg/Kg for PCBs
16	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Yellow	Clear	N	N	5	Neutral	N	I	I	N	N	None	NA	PCB-1260 at 8.85 mg/Kg
17	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Yellow/Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.90 mg/Kg for PCBs
18	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	Santicizer 160	Neg.	<RL of 4.90 mg/Kg for PCBs
19	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	<RL of 4.85 mg/Kg for PCBs
20	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.90 mg/Kg for PCBs
21	09/24/14	Warehouse loading dock	Poly	55	Full	Good	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.90 mg/Kg for PCBs
22	09/24/14	Warehouse SE corner	Steel	5	1/2	Fair	Liquid	Clear	Clear	N	N	10	Base	N	S	I	N	N	None	NA	NA
23	09/24/14	Warehouse SE corner	Steel	55	<1/4	Poor	Liquid/Sludge	Brown/Black	Opaque	N	N	9	Org/Neutral	N	S	S	N	N	DOT R-1075	NA	See TCLP results on Table 4
24	09/24/14	Warehouse SE corner	Steel	55	Full	Fair	Liquid	Yellowish	Clear	N	N	3	Neutral	N	I	P	N	N	Polyvinyl Alcohol	NA	NA - Likely to be non-Haz.
25	09/24/14	Warehouse SE corner	Steel	55	Full	Fair	Liquid	Yellow/Milky	Clear/Opaque	N	N	5	Neutral	N	I/S	S/I	N	N	I-96L Additive	NA	May need TCLP
26	09/24/14	Warehouse SE corner	Poly	55	Full	Good	Liquid	Red	Opaque	N	N	6	Neutral	N	S	I	N	N	None	NA	May need TCLP
27	09/24/14	Warehouse SE corner	Fiber	55	3/4	Fair	Solid	Amber	Opaque	N	N	7	Neutral	N	I	I	N	N	Flexbind 301	NA	May need TCLP
28	09/24/14	Warehouse SE corner	Fiber	55	3/4	Fair	Solid	Amber	Opaque	N	N	6	Neutral	N	I	I	N	N	Flexbind 301	NA	May need TCLP
29	09/24/14	Warehouse SE corner	Steel	55	Full	Fair	Liquid	Yellow	Clear	N	N	5	Org/Neutral	N	I	S	N	N	TC 1803	NA	See TCLP results on Table 4
30	09/24/14	Warehouse west end	Steel	55	1/2	Poor (OP)	Liquid	Dark brown	Opaque	N	N	5	Neutral	N	S	I	N	N	Darachem-100	NA	May need TCLP
31	09/24/14	Warehouse west end	Steel	55	<1/4	Poor (OP)	Liquid	Light brown	Cloudy	N	N	5	Flammable	N	I	S	Y	N	Concrete sealer	NA	NA - Considering it to be Haz.
32	09/24/14	Warehouse west end	Steel	55	1/2	Poor	Solid	Dark gray	Opaque	N	N	4	Neutral	N	S	I	N	N	Darachem-100	NA	May need TCLP
33	09/24/14	Factory along north wall	Poly	55	1/2	Fair	Sludge/Liquid	Dark brown	Opaque/Cloudy	N	N	4	Org/Neutral	N	I	S	N	N	None	NA	See TCLP results on Table 4
34	Not sampled	Factory along north wall	Fiber	55	3/4	Fair	Solid	Dark brown	Opaque	NA	NA	NA	NA	NA	NA	NA	NA	NA	Flexbind 301	NA	May need TCLP
35	Not sampled	Factory	Steel	5	Full	Poor	Solid	Gray	Opaque	NA	NA	NA	NA	NA	NA	NA	NA	NA	None	NA	May need TCLP
36	09/24/14	Factory basement	Steel	55	<1/4	Fair	Liquid	Clear	Clear	N	N	6	Flammable	N	I	S	Y	N	None	NA	NA - Considering it to be Haz.
37	09/24/14	Factory basement	Poly	55	3/4	Good	Liquid	Blue	Opaque	N	N	CBD	Likely to be dye	N	S	I	N	N	None	NA	Combining and may need TCLP later
38	09/24/14	Factory basement	Poly	55	Full	Fair	Liquid	Blue	Opaque	N	N	CBD	Likely to be dye	N	S	I	N	N	None	NA	
39	09/24/14	Factory basement	Steel	55	1/2	Fair	Sludge	Amber	Opaque	N	N	5	Flammable	N	I	S	Y	N	Ge-i-Lube	NA	NA - Considering it to be Haz.
40	09/24/14	Factory basement	Poly	5	1/2	Fair	Liquid	Purple	Clear	N	N	10	Base	N	S	I	N	N	None	NA	NA
41	09/24/14	Factory basement	Poly	5	1/4	Fair	Liquid	Yellow/Amber	Cloudy	N	N	6	Neutral	N	I	P	N	N	Seycolube	NA	May need TCLP
42	09/24/14	Factory basement	Poly	30	1/2	Fair	Gel/Sludge	Brown/Dk Brn	Opaque	N	N	4	Org/Neutral	N	I	S	N	N	Thermachlor	Inconclusive	<RL of 4.59 mg/Kg for PCBs
43	09/24/14	Factory basement	Poly	15	Full	Fair	Liquid	Light green	Clear	N	Y	0	Oxidizer/Acid	N	S	I	N	Y	Muratic Acid	NA	NA - Considering it to be Haz.
44	Not sampled	Factory basement	Poly	5	Full	Fair	Liquid	Unknown	Unknown	NA	NA	NA	NA	NA	NA	NA	NA	NA	Powertex	NA	NA
45	09/24/14	Factory loading dock	Poly	55	Full	Fair	Liquid	Yellow	Opaque/Clear	N	N	4	Flammable	N	I	I	Y	N	None	NA	PCB-1260 at 8.66 mg/Kg
46	09/24/14	Middle building	Steel	55	1/2	Fair	Sludge	Dark green	Opaque	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	NA
47	09/24/14	Middle building	Poly	5	Full	Fair	Liquid	Amber	Cloudy	N	N	5	Flammable	N	I	S	Y	N	Chemergy	NA	NA - Considering it to be Haz.
48	09/24/14	Middle building	Poly	5	Full	Fair	Gel	Dark Amber	Cloudy/Opaque	N	N	5	Org/Neutral	N	I	S	N	N	DTE Oil HH	NA	See TCLP results on Table 4
49	09/24/14	South side of Factory	Sump	Unknown	Full	Fair	Liquid	Clear	Clear	N	N	7	Neutral	N	S	I	N	N	None	NA	May need TCLP
50	09/24/14	South of Middle building	Steel	25,000	<1/4	Fair	Gel/Sludge	Dark brown	Opaque	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	<RL of 4.90 mg/Kg for PCBs
51	09/24/14	South of Middle building	Steel	25,000	<1/4	Fair	Gel/Sludge	Dark brown	Opaque	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	<RL of 4.90 mg/Kg for PCBs



TABLE 1  
PINEVILLE TEXTILE MILL  
DRUM INVENTORY

Drum #	Sample Date	Location of Container	Drum Type	Volume (gal)	Drum Contents	Drum Condition	Physical State	Color(s) of product	Clarity	Peroxide (Y/N)	Oxidizer (Y/N)	pH	Classification	Water Reactive (Y/N)	Water Solubility (S/P/I)	Organic Solubility (S/P/I)	Flammable (Y/N)	Chlorides Present (Y/N)	Label on drum	Clor-n-oil result (Pos. or Neg.)	Lab results
52	Not sampled	Outside of Factory west end	Poly	55	Full	Fair	Liquid	Amber	Clear	NA	NA	NA	NA	NA	NA	NA	NA	NA	None	NA	NA
53	Not sampled	Outside of Factory west end	Poly	55	Full	Fair	Liquid	Amber	Clear	NA	NA	NA	NA	NA	NA	NA	NA	NA	None	NA	NA

Notes  
\* NCDENR sampled this drum in May 2014  
CBD - Can't be determined  
NA - Not analzed or not applicable  
Neg. - Negative  
Pos. - Positive  
OP - Overpacked  
Org - Organic  
<RL - Below Reporting Limit

Table 2  
Pineville Textile Mill  
Waste Stream Table

Drum #	Sample Date	Drum Type	Volume (gal)	Drum Contents	Physical State	Color(s) of product	Clarity	Peroxide (Y/N)	Oxidizer (Y/N)	pH	Classification	Water Reactive (Y/N)	Water Solubility (S/P/I)	Organic Solubility (S/P/I)	Flammable (Y/N)	Chlorides Present (Y/N)	Label on drum	Clor-n-oil result (Pos. or Neg.)	Lab results
Liquid - Acid/Oxidizer/Chloride																			
43	09/24/14	Poly	15	Full	Liquid	Light green	Clear	N	Y	0	Oxidizer/Acid	N	S	I	N	Y	Muratic Acid	NA	NA - Considering it to be Haz.
Liquid and Sludge - Flammable																			
31	09/24/14	Steel	55	<1/4	Liquid	Light brown	Cloudy	N	N	5	Flammable	N	I	S	Y	N	Concrete sealer	NA	NA - Considering it to be Haz.
36	09/24/14	Steel	55	<1/4	Liquid	Clear	Clear	N	N	6	Flammable	N	I	S	Y	N	None	NA	NA - Considering it to be Haz.
39	09/24/14	Steel	55	1/2	Sludge	Amber	Opaque	N	N	5	Flammable	N	I	S	Y	N	Ge-i-Lube	NA	NA - Considering it to be Haz.
45	09/24/14	Poly	55	Full	Liquid	Yellow	Opaque/Clear	N	N	4	Flammable	N	I	I	Y	N	None	NA	PCB-1260 at 8.66 mg/Kg
47	09/24/14	Poly	5	Full	Liquid	Amber	Cloudy	N	N	5	Flammable	N	I	S	Y	N	Chemergy	NA	NA - Considering it to be Haz.
Approximate gallons: 116																			
Liquid - Base																			
22	09/24/14	Steel	5	1/2	Liquid	Clear	Clear	N	N	10	Base	N	S	I	N	N	None	NA	NA
40	09/24/14	Poly	5	1/2	Liquid	Purple	Clear	N	N	10	Base	N	S	I	N	N	None	NA	NA
Liquid - Organic/Neutral or just Neutral ("Transformer Oil Drums")																			
1	9/23/2014	Poly	55	Full	Liquid	Amber	Cloudy	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	PCB-1260 at 10.1 mg/Kg
2	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Pos.	NA
3*	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	PCB-1260 at 9.80 mg/Kg
4	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	PCB-1260 at 10.1 mg/Kg
5	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.81 mg/Kg for PCBs
6	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	PCB-1260 at 9.42 mg/Kg
7	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	4	Neutral	N	S	I	N	N	None	NA	PCB-1260 at 9.87 mg/Kg
8	9/23/2014	Poly	55	Full	Liquid	Amber	Cloudy	N	N	5	Org/Neutral	N	I	S	N	N	None	Pos.	NA
9	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	Corrosive	Neg.	<RL of 4.81 mg/Kg for PCBs
10	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	Santicizer 160	NA	<RL of 4.85 mg/Kg for PCBs
11	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.81 mg/Kg for PCBs
12	9/23/2014	Poly	55	Full	Liquid	Amber	Clear	N	N	3	Neutral	N	P	I	N	N	None	NA	<RL of 4.85 mg/Kg for PCBs
13	09/24/14	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.81 mg/Kg for PCBs
14	09/24/14	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	Santicizer 160	Neg.	<RL of 4.81 mg/Kg for PCBs
15	09/24/14	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.90 mg/Kg for PCBs
16	09/24/14	Poly	55	Full	Liquid	Yellow	Clear	N	N	5	Neutral	N	I	I	N	N	None	NA	PCB-1260 at 8.85 mg/Kg
17	09/24/14	Poly	55	Full	Liquid	Yellow/Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.90 mg/Kg for PCBs
18	09/24/14	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	Santicizer 160	Neg.	<RL of 4.90 mg/Kg for PCBs
19	09/24/14	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	<RL of 4.85 mg/Kg for PCBs
20	09/24/14	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.90 mg/Kg for PCBs
21	09/24/14	Poly	55	Full	Liquid	Amber	Clear	N	N	5	Org/Neutral	N	I	S	N	N	None	Neg.	<RL of 4.90 mg/Kg for PCBs
52	Not sampled	Poly	55	Full	Liquid	Amber	Clear	NA	NA	NA	NA	NA	NA	NA	NA	NA	None	NA	NA
53	Not sampled	Poly	55	Full	Liquid	Amber	Clear	NA	NA	NA	NA	NA	NA	NA	NA	NA	None	NA	NA
Approximate gallons: 1,265																			

Table 2  
Pineville Textile Mill  
Waste Stream Table

Drum #	Sample Date	Drum Type	Volume (gal)	Drum Contents	Physical State	Color(s) of product	Clarity	Peroxide (Y/N)	Oxidizer (Y/N)	pH	Classification	Water Reactive (Y/N)	Water Solubility (S/P/I)	Organic Solubility (S/P/I)	Flammable (Y/N)	Chlorides Present (Y/N)	Label on drum	Clor-n-oil result (Pos. or Neg.)	Lab results
Liquid, Gel, Sludge - Org/Neutral																			
23	09/24/14	Steel	55	<1/4	Liquid/Sludge	Brown/Black	Opaque	N	N	9	Org/Neutral	N	S	S	N	N	DOT R-1075	NA	See TCLP results on Table 4
29	09/24/14	Steel	55	Full	Liquid	Yellow	Clear	N	N	5	Org/Neutral	N	I	S	N	N	TC 1803	NA	See TCLP results on Table 4
33	09/24/14	Poly	55	1/2	Sludge/Liquid	Dark brown	Opaque/Cloudy	N	N	4	Org/Neutral	N	I	S	N	N	None	NA	See TCLP results on Table 4
42	09/24/14	Poly	30	1/2	Gel/Sludge	Brown/Dk Brn	Opaque	N	N	4	Org/Neutral	N	I	S	N	N	Thermachlor	Inconclusive	<RL of 4.59 mg/Kg for PCBs
48	09/24/14	Poly	5	Full	Gel	Dark Amber	Cloudy/Opaque	N	N	5	Org/Neutral	N	I	S	N	N	DTE Oil HH	NA	See TCLP results on Table 4
50	09/24/14	Steel	25,000	<1/4	Gel/Sludge	Dark brown	Opaque	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	<RL of 4.90 mg/Kg for PCBs
51	09/24/14	Steel	25,000	<1/4	Gel/Sludge	Dark brown	Opaque	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	<RL of 4.90 mg/Kg for PCBs
Approximate gallons: 117 (Doesn't include volume of ASTs)																			
Liquid - Neutral (formerly was thought to be water reactive but it just won't go into solution)																			
24	09/24/14	Steel	55	Full	Liquid	Yellowish	Clear	N	N	3	Neutral	N	I	P	N	N	Polyvinyl Alcohol	NA	NA - Likely to be non-Haz.
Liquid - Neutral																			
25	09/24/14	Steel	55	Full	Liquid	Yellow/Milky	Clear/Opaque	N	N	5	Neutral	N	I/S	S/I	N	N	I-96L Additive	NA	Combining and may need TCLP later
26	09/24/14	Poly	55	Full	Liquid	Red	Opaque	N	N	6	Neutral	N	S	I	N	N	None	NA	
30	09/24/14	Steel	55	1/2	Liquid	Dark brown	Opaque	N	N	5	Neutral	N	S	I	N	N	Darachem-100	NA	
41	09/24/14	Poly	5	1/4	Liquid	Yellow/Amber	Cloudy	N	N	6	Neutral	N	I	P	N	N	Seycolube	NA	
49	09/24/14	Sump	Unknown	Full	Liquid	Clear	Clear	N	N	7	Neutral	N	S	I	N	N	None	NA	
Approximate gallons: 140 (doesn't include the volume of the sump as that is unknown)																			
Liquid Dye																			
37	09/24/14	Poly	55	3/4	Liquid	Blue	Opaque	N	N	CBD	Likely to be dye	N	S	I	N	N	None	NA	Combining and may need TCLP later
38	09/24/14	Poly	55	Full	Liquid	Blue	Opaque	N	N	CBD	Likely to be dye	N	S	I	N	N	None	NA	
Approximate gallons: 96																			
Solid - Neutral																			
27	09/24/14	Fiber	55	3/4	Solid	Amber	Opaque	N	N	7	Neutral	N	I	I	N	N	Flexbind 301	NA	Need to research product labels. Combining and may need TCLP later.
28	09/24/14	Fiber	55	3/4	Solid	Amber	Opaque	N	N	6	Neutral	N	I	I	N	N	Flexbind 301	NA	
32	09/24/14	Steel	55	1/2	Solid	Dark gray	Opaque	N	N	4	Neutral	N	S	I	N	N	Darachem-100	NA	
34	Not sampled	Fiber	55	3/4	Solid	Dark brown	Opaque	NA	NA	NA	NA	NA	NA	NA	NA	NA	Flexbind 301	NA	
35	Not sampled	Steel	5	Full	Solid	Gray	Opaque	NA	NA	NA	NA	NA	NA	NA	NA	NA	None	NA	
Approximate gallons: 159																			
Liquid - Wax stripper original seal intact																			
44	Not sampled	Poly	5	Full	Liquid	Unknown	Unknown	NA	NA	NA	NA	NA	NA	NA	NA	NA	Powertex	NA	NA
Grease/Lube - Org/Neutral (Send to a recycler)																			
46	09/24/14	Steel	55	1/2	Sludge	Dark green	Opaque	N	N	5	Org/Neutral	N	I	S	N	N	None	NA	NA

Notes  
\* NCDENR sampled this drum in May 2014  
CBD - Can't be determined  
NA - Not analzed or not applicable  
Neg. - Negative  
Pos. - Positive  
Org - Organic  
<RL - Below Reporting Limit

**Table 3**  
**Pineville Textile Mill**  
**PCB Analytical Results**

	PTM-WS-01	PTM-WS-03	PTM-WS-04	PTM-WS-06	PTM-WS-07	PTM-WS-10	PTM-WS-12
<b>PCB (mg/kg)</b>							
PCB-1016	4.59 U	4.76 U	4.72 U	4.90 U	4.81 U	4.85 U	4.85 U
PCB-1221	4.59 U	4.76 U	4.72 U	4.90 U	4.81 U	4.85 U	4.85 U
PCB-1232	4.59 U	4.76 U	4.72 U	4.90 U	4.81 U	4.85 U	4.85 U
PCB-1242	4.59 U	4.76 U	4.72 U	4.90 U	4.81 U	4.85 U	4.85 U
PCB-1248	4.59 U	4.76 U	4.72 U	4.90 U	4.81 U	4.85 U	4.85 U
PCB-1254	4.59 U	4.76 U	4.72 U	4.90 U	4.81 U	4.85 U	4.85 U
PCB-1260	<b>10.1</b>	<b>9.80</b>	<b>10.1</b>	<b>9.42</b>	<b>9.87</b>	4.85 U	4.85 U

	PTM-WS-15/17/18/20/21	PTM-WS-16	PTM-WS-19	PTM-WS-42	PTM-WS-45	PTM-WS-5/9/11/13/14	PTM-WS-50/51
<b>PCB (mg/kg)</b>							
PCB-1016	4.90 U	4.81 U	4.85 U	4.59 U	4.76 U	4.81 U	4.90 U
PCB-1221	4.90 U	4.81 U	4.85 U	4.59 U	4.76 U	4.81 U	4.90 U
PCB-1232	4.90 U	4.81 U	4.85 U	4.59 U	4.76 U	4.81 U	4.90 U
PCB-1242	4.90 U	4.81 U	4.85 U	4.59 U	4.76 U	4.81 U	4.90 U
PCB-1248	4.90 U	4.81 U	4.85 U	4.59 U	4.76 U	4.81 U	4.90 U
PCB-1254	4.90 U	4.81 U	4.85 U	4.59 U	4.76 U	4.81 U	4.90 U
PCB-1260	4.90 U	<b>8.85</b>	4.85 U	4.59 U	<b>8.66</b>	4.81 U	4.90 U

Notes

mg/kg - milligrams per kilogram

PCB - Polychlorinated byphenyl

PTM - Pineville Textile Mill

U - Not detected at the reporting limit

WS - Waste sample

**10.1** - Bold and shaded value represents a detectable amount of PCBs in the sample.

**Table 4**  
**Pineville Textile Mill**  
**TCLP Analytical Results**

	PTM-TCLP-01	PTM-TCLP-02
<b>Metals (mg/L)</b>		
Arsenic	1.38 U	0.688 U
Barium	0.960 U	0.478 U
Cadmium	0.0960 U	0.0574 J
Chromium	0.576 U	0.287 U
Lead	0.384 U	0.191 U
Selenium	0.960 U	0.478 U
Silver	0.480 U	0.239 U
Mercury	0.0150 U	0.00150 U
<b>Pesticides (mg/L)</b>		
Chlordane (technical)	1.39 U	1.40 U
Endrin	0.198 U	0.200 U
gamma-BHC (Lindane)	0.198 U	0.200 U
Heptachlor	0.198 U	0.200 U
Heptachlor epoxide	1.39 U	1.40 U
Methoxychlor	0.198 U	0.200 U
Toxaphene	69.3 U	70.0 U
<b>Herbicides (mg/kg)</b>		
2,4-D	2.06 U	2.06 U
Silvex (2,4,5-TP)	0.717 U	0.717 U
<b>VOC (mg/L)</b>		
1,1-Dichloroethene	1.25 U	0.125 U
1,2-Dichloroethane	1.00 U *	0.100 U
2-Butanone (MEK)	13.0 U	1.30 U
Benzene	<b>1.87 J</b>	0.100 U
Carbon tetrachloride	0.900 U	0.0900 U
Chlorobenzene	0.900 U	0.0900 U
Chloroform	1.18 J B	0.115 U
Tetrachloroethene	1.25 U	0.125 U
Trichloroethene	1.00 U	0.100 U
Vinyl chloride	1.20 U	0.120 U
<b>SVOC (mg/L)</b>		
1,4-Dichlorobenzene	27.3 U	27.6 U
2,4,5-Trichlorophenol	40.2 U	40.6 U
2,4,6-Trichlorophenol	34.9 U	35.2 U
2,4-Dinitrotoluene	65.9 U	66.6 U
Cresols	65.9 U	66.6 U
Hexachlorobenzene	33.5 U	33.8 U
Hexachlorobutadiene	65.9 U	66.6 U
Hexachloroethane	65.9 U	66.6 U
Nitrobenzene	24.6 U	24.8 U
Pentachlorophenol	32.7 U	33 U
Pyridine	44.6 U	45 U
<b>Wet Chem (mg/kg)</b>		
Cyanide, Total	0.600 U	0.600 U
Sulfide	12.1 U	12.1 U

Notes -

**1.87** - Bold and shaded value exceeds the Regulatory Limit.

B - Compound was found in the blank and sample.

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/L - milligrams per liter

mg/kg - milligrams per kilogram

PTM - Pineville Textile Mill

**Table 4**  
**Pineville Textile Mill**  
**TCLP Analytical Results**

Notes Continued -

SVOC - Semivolatile Organic Compound  
TCLP - Toxicity Characteristic Leaching Procedure  
U - Not detected at the reporting limit  
VOC - Volatile Organic Compound  
\* - LCS or LCSD exceeds the control limits

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



**Official Photograph No. 1**

**Site Name:** Pineville Textile Mill

**Date:** September 23, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of group of drums (#1 – 21) located near the loading dock on the south side of the warehouse.



**Official Photograph No. 2**

**Site Name:** Pineville Textile Mill

**Date:** September 23, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #1 located at the loading dock.





**Official Photograph No. 3**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #2 located at the loading dock.

**Date:** September 23, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 4**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #3 located at the loading dock.

**Date:** September 23, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 5**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #4 located at the loading dock.

**Date:** September 23, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 6**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #5 located at the loading dock.

**Date:** September 23, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 7**

**Site Name:** Pineville Textile Mill

**Date:** September 23, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #6 located at the loading dock.



**Official Photograph No. 8**

**Site Name:** Pineville Textile Mill

**Date:** September 23, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #7 located at the loading dock.



**Official Photograph No. 9**

**Site Name:** Pineville Textile Mill

**Date:** September 23, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #8 located at the loading dock.



**Official Photograph No. 10**

**Site Name:** Pineville Textile Mill

**Date:** September 23, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #9 located at the loading dock.





**Official Photograph No. 11**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #10 located at the loading dock.

**Date:** September 23, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 12**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #11 located at the loading dock.

**Date:** September 23, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 13**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #12 located at the loading dock.

**Date:** September 23, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 14**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #13 located at the loading dock.

**Date:** September 24, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 15**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #14 located at the loading dock.

**Date:** September 24, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 16**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #15 located at the loading dock.

**Date:** September 24, 2014

**TDD No:** GSA-03-012





**Official Photograph No. 17**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #16 located at the loading dock.



**Official Photograph No. 18**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #17 located at the loading dock.





**Official Photograph No. 19**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #18 located at the loading dock.

**Date:** September 24, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 20**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #19 located at the loading dock.

**Date:** September 24, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 21**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #20 located at the loading dock.



**Official Photograph No. 22**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #21 located at the loading dock.



**Official Photograph No. 23**

**Site Name:** Pineville Textile Mill  
**Location:** 436 Cone Avenue, Pineville, NC  
**Photographer:** OTIE – Ryan Stubbs  
**Subject:** View of #22 located at the loading dock.

**Date:** September 24, 2014  
**TDD No:** GSA-03-012



**Official Photograph No. 24**

**Site Name:** Pineville Textile Mill  
**Location:** 436 Cone Avenue, Pineville, NC  
**Photographer:** OTIE – Ryan Stubbs  
**Subject:** View of drums #23 - 29 located in the southeast corner of the warehouse.

**Date:** September 24, 2014  
**TDD No:** GSA-03-012





**Official Photograph No. 25**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #23 located in the southeast corner of the warehouse.



**Official Photograph No. 26**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #24 located in the southeast corner of the warehouse.



**Official Photograph No. 27**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #25 located in the southeast corner of the warehouse.



**Official Photograph No. 28**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #26 located in the southeast corner of the warehouse.



**Official Photograph No. 29**

**Site Name:** Pineville Textile Mill

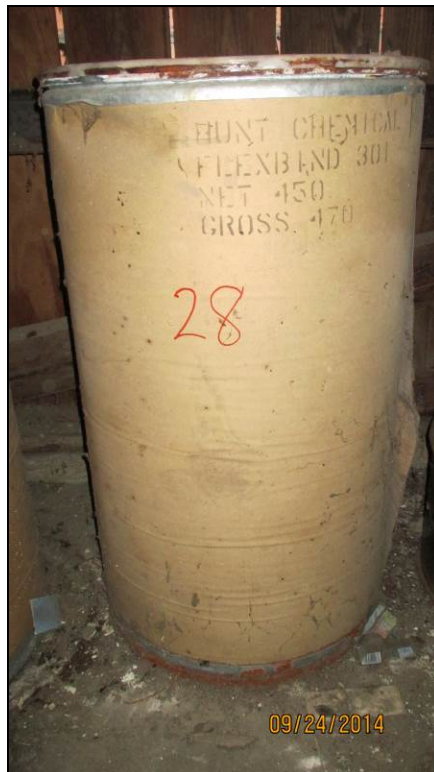
**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #27 located in the southeast corner of the warehouse.



**Official Photograph No. 30**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #28 located in the southeast corner of the warehouse.





**Official Photograph No. 31**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #29 located in the southeast corner of the warehouse.



**Official Photograph No. 32**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drums #30 - 32 located in the west end of the warehouse.



**Official Photograph No. 33**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #30 located in the west end of the warehouse.



**Official Photograph No. 34**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

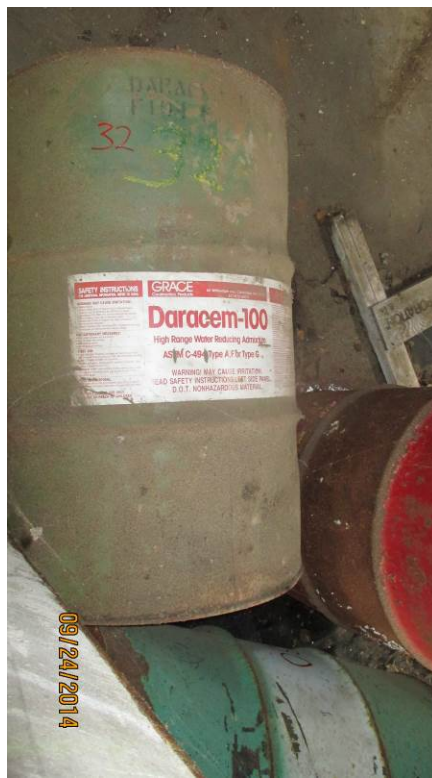
**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #31 located in the west end of the warehouse.





**Official Photograph No. 35**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #32 located in the west end of the warehouse.



**Official Photograph No. 36**

**Site Name:** Pineville Textile Mill

**Date:** September 25, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #31 after being over packed.



**Official Photograph No. 37**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of suspect asbestos containing material (ACM) located on the floor in the west end of the warehouse. Bulk sample PTM-TSI-01 was collected from this material.

**Date:** September 24, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 38**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #33 located near the north wall in the factory building.

**Date:** September 24, 2014

**TDD No:** GSA-03-012





**Official Photograph No. 39**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of bags of suspect ACM located in the ladies room in the factory.



**Official Photograph No. 40**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #34 located in the factory.



**Official Photograph No. 41**

**Site Name:** Pineville Textile Mill  
**Location:** 436 Cone Avenue, Pineville, NC  
**Photographer:** OTIE – Ryan Stubbs  
**Subject:** View of container #35 located in the factory.

**Date:** September 24, 2014  
**TDD No:** GSA-03-012



**Official Photograph No. 42**

**Site Name:** Pineville Textile Mill  
**Location:** 436 Cone Avenue, Pineville, NC  
**Photographer:** OTIE – Ryan Stubbs  
**Subject:** View of drum #36 located in basement of the factory.

**Date:** September 24, 2014  
**TDD No:** GSA-03-012



**Official Photograph No. 43**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #37 located in basement of the factory.



**Official Photograph No. 44**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #38 located in basement of the factory. Note the paint cans on top of the drum.





**Official Photograph No. 45**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #39 located in basement of the factory.



**Official Photograph No. 46**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of container #40 located in basement of the factory.



**Official Photograph No. 47**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of container #41 located in basement of the factory. Drums #36 – 41 are all located in the same room.



**Official Photograph No. 48**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #42 located in basement of the factory.



**Official Photograph No. 49**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of container #43 located in basement of the factory. It is located in the same room as drum #42.



**Official Photograph No. 50**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of container #44 located in basement of the factory.





**Official Photograph No. 51**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #45 located outside at the loading dock near the southwest corner of the factory.



**Official Photograph No. 52**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of drum #46 located inside the middle building.



**Official Photograph No. 53**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of container #47 located in the middle building.



**Official Photograph No. 54**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of container #48 located in the middle building.





**Official Photograph No. 55**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of ACM (pipe insulation) located in the west end of the factory. This material was collected for bulk sample PTM-TSI-02.

**Date:** September 25, 2014

**TDD No:** GSA-03-012



**Official Photograph No. 56**

**Site Name:** Pineville Textile Mill

**Location:** 436 Cone Avenue, Pineville, NC

**Photographer:** OTIE – Eric Morris

**Subject:** View of drums #52 and 53 located along the west end of the factory.

**Date:** September 25, 2014

**TDD No:** GSA-03-012





**Official Photograph No. 57**

**Site Name:** Pineville Textile Mill

**Date:** September 25, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of the top of drums #52 and 53 located along the west end of the factory.



**Official Photograph No. 58**

**Site Name:** Pineville Textile Mill

**Date:** September 25, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of drum #52 and 53 located along the west end of the factory.



**Official Photograph No. 59**

**Site Name:** Pineville Textile Mill

**Date:** September 25, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of open top roll off dumpster containing suspect ACM located in the paved area south of the southwest corner of the factory building. Note the water tower in the background.



**Official Photograph No. 60**

**Site Name:** Pineville Textile Mill

**Date:** September 25, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Eric Morris

**Subject:** View of suspect ACM inside the roll off dumpster.





**Official Photograph No. 61**

**Site Name:** Pineville Textile Mill  
**Location:** 436 Cone Avenue, Pineville, NC  
**Photographer:** OTIE – Eric Morris  
**Subject:** View of containers of hydraulic oil located near the roll off dumpster.

**Date:** September 25, 2014  
**TDD No:** GSA-03-012



**Official Photograph No. 62**

**Site Name:** Pineville Textile Mill  
**Location:** 436 Cone Avenue, Pineville, NC  
**Photographer:** OTIE – Ryan Stubbs  
**Subject:** View of demolition debris on the north side of the factory building.

**Date:** September 23, 2014  
**TDD No:** GSA-03-012





**Official Photograph No. 63**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of the site from the entrance along Cone Avenue facing northwest.



**Official Photograph No. 64**

**Site Name:** Pineville Textile Mill

**Date:** September 24, 2014

**Location:** 436 Cone Avenue, Pineville, NC

**TDD No:** GSA-03-012

**Photographer:** OTIE – Ryan Stubbs

**Subject:** View of the site from the entrance along Cone Avenue facing north.

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





# ALL-WEATHER ENVIRONMENTAL FIELD BOOK

### Numbered Pages

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Project Pineville Textile Mill (PTM)  
436 Cone Ave., Pineville, NC

**Rite in the Rain** — A patented, environmentally responsible, all-weather writing paper that sheds water and enables you to write anywhere, in any weather. Using a pencil or all-weather pen, *Rite in the Rain* ensures that your notes survive the rigors of the field, regardless of the conditions.

Specifications for this book:

Page Pattern		Cover Options	
Left Page	Right Page	Polydura Cover	Fabrikoid Cover
Columnar	1/4" Grid	Item No. 550	Item No. 550F

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**RiteintheRain.com**

Made in the USA  
US Pat No. 6,863,940

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147	Error codes, Hazardous classifications, Container types
148	Sampling guidelines (Liquids)
149	Sampling guidelines (Solids)
150	Approximate Volume of Water in Casing or Hole, Ground Water Monitoring Well
151	PVC Pipe casing tables
152	Soil Classification
153	Soil Classification
154	Maximum Concentration of Contaminants for the Toxicity Characteristic
155	Conversions (Concentrations, Volume/Flow or Time, Velocity, Acceleration)
156	Conversions (Length, Weight, Volume, Temp, etc...)

0700 STIE-Stebbs at office to load up and mobilize  
0715 Departed for Pineville, NC.  
1235 Arrived on-site.  
Weather - 60°F + light rain  
1245 Walk thru with OSC-Engelert and Erin Evans (City of Pineville Planning + Zoning).  
- Identified drums/containers in a couple of the buildings  
- Also identified some suspect ACMs to sample (TSI).  
1400 Unhooked trailer and setting up work station.  
1415 Marked first set of drums all 55-gal. poly (1-21). These are outside at loading dock. Inside the building at loading dock there are 7-55 gallon drums (23-29).  
1445 Calibrating MultiRae, see cal. logbook for readings.  
1500 Suiting up to Level C to screen drums.



4

Location Pineville, NC Date 9/23/14Project / Client Pineville Textile Mill

1520 Screened drums 1-21 with multiRae. Highest PID was 9 ppm. Drum #7 had a CO reading of 164 ppm.

1615 OTIE off site + end of day. Completed sampling drums 1-12 (8 oz. jars) + took pics of drums 1-12.

*[Handwritten signature]*

Location \_\_\_\_\_

Date

9/24/14

5

Project / Client \_\_\_\_\_

0700 OTIE - Stubbs + Morris depart hotel. \_\_\_\_\_ RS

0713 Arrived on site. \_\_\_\_\_ RS  
Weather - 54°F + light rain

0745 Tailgate/Health + Safety meeting.  
0805 Rad survey at 1st work area. No readings above background. \_\_\_\_\_ RS

0825 Calibrated TVA 1000 SN 9468. Readings in cal. logbook. PID bumped at 124 ppm likely due to high humidity. \_\_\_\_\_ RS

1045 Completed sampling drums 13-29 minus 24 + 25 which have to be done in Level B. \_\_\_\_\_ RS

1115 Completed sampling drums 24 + 25.

1530 Left site to purchase over-packs in Gastonia

1715 Back on site + wrapping up for day. End of day.

*[Handwritten signature]*



6

Location Pineville, NC Date 9/25/14  
 Project / Client Pineville Textile Mill

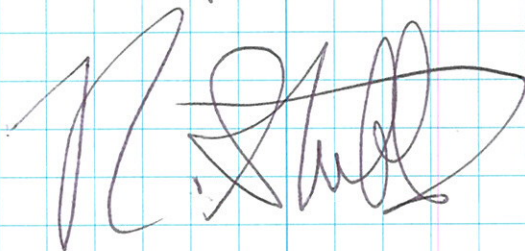
- 0730 OTIE - Morris & Stubbs departed for site. RS
- 0747 Arrived on site. OSC - Englert already on site. Tailgate meeting. Weather - 62°F, light fog & misty. RS
- 0800 Suiting up to Level C to overpack & sample drums #30 & 31.
- 0945 Cleaning up work area and GPSing drum locations.
- 1030 OTIE & EPA off site. OTIE headed to hotel to "decon".
- 1115 Departed hotel & having lunch.  
 \* Latenote RS  
 - Roll-off open top dumpster in parking lot with suspect ACM. Also 2-5 gal. buckets of "hydraulic oil" near dumpster. RS
- 1138 Demobing to Marietta, GA.
- 1630 Arrived at OTIE office and unloaded

7

Location OTIE Office Date 9/29/14  
 Project / Client Pineville T.M.

Sample prep & hazcat samples

- 1000 OTIE - Stubbs preparing samples for PCB analysis. Selected the following drums samples #1, 3, 4, 6, 7, 10, 12, 16, 19 & 45. These samples will also be combined for a TCLP sample. PCB samples labeled as such:  
 - PTM-WS-01 & so on  
 TCLP sample labeled as PTM-TCLP-01.
- 1155 Preparing samples for shipment to Test America.
- 1300 Began HAZCATing samples.
- 1530 OTIE - Stubbs done hazcatting for today. OTIE - NBC continuing to hazcat. So far 30 samples are done.





Location OTIE office Date 9/30/14  
 Project / Client Pineville Textile Mill  
hazcat samples

1000 OTIE - Stubbs + Berrios  
 continue hazcatting samples.  
 1245 Completed hazcatting.  
 1600 Completed clor-n-oil tests.

Drum #

2 - Positive (750 ppm)  
 5 - Negative (<50 ppm)  
 8 - Pos.  
 9 - Neg.  
 11 -  
 13 -  
 14 -  
 15 -  
 17 -  
 18 -  
 20 -  
 21 -

*[Signature]*

- Prepped additional samples for  
 Lab analysis. RS  
 - PTM-WS-50/51 for PCBs  
 - from #50+51 (ASTs)  
 - PTM-WS-42 for PCBs  
 - from drum # 42  
 - PTM-WS-5/9/13/11/14 for PCBs.  
 - from drums # 5, 9, 11, 13+14  
 - PTM-WS-15/17/18/20/21 for PCBs.  
 - from drums # 15, 17, 18, 20, 21  
 - PTM-TCLP-02  
 - combined from drums # 23, 29, 33  
 + 48.

*[Signature]*

**ATTACHMENT E**  
**ANALYTICAL REPORTS**



## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Drive

Nashville, TN 37204

Tel: (615)726-0177

TestAmerica Job ID: 490-62453-1

Client Project/Site: Pineville Textile Mill

For:

Oneida Total Integrated Enterprises LLC

1220 Kennestone Circle

Suite 106

Marietta, Georgia 30060

Attn: Ryan Stubbs

*Heather Baker*

Authorized for release by:

10/6/2014 12:20:46 PM

Heather Baker, Project Manager I

(615)301-5043

[heather.baker@testamericainc.com](mailto:heather.baker@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

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

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

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



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## Sample Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textile Mill

TestAmerica Job ID: 490-62453-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-62453-1	PTM-TS1-01	Solid	09/25/14 09:00	09/29/14 09:00
490-62453-2	PTM-TS1-02	Solid	09/25/14 09:30	09/29/14 09:00

1

2

3

4

5

6

7

8

9



## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textile Mill

TestAmerica Job ID: 490-62453-1

**Job ID: 490-62453-1**

**Laboratory: TestAmerica Nashville**

### Narrative

**Job Narrative**  
**490-62453-1**

### Comments

No additional comments.

### Receipt

The samples were received on 9/29/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 22.1° C.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Definitions/Glossary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textile Mill

TestAmerica Job ID: 490-62453-1

### 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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Method Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textile Mill

TestAmerica Job ID: 490-62453-1

Method	Method Description	Protocol	Laboratory
Local Method	General Sub Contract Method	NONE	EMLab Fort

**Protocol References:**

NONE = NONE

**Laboratory References:**

EMLab Fort = EMLab P&K Fort Lauderdale, 6301 NW 5th Way, Suite 2850, Fort Lauderdale, FL 33309, TEL (954)776-8400



## Certification Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textile Mill

TestAmerica Job ID: 490-62453-1

### Laboratory: TestAmerica Nashville

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
North Carolina (WW/SW)	State Program	4	387	12-31-14



Report for:

**Ms. Heather Baker**  
**TestAmerica-Nashville, TN**  
2960 Foster Creighton Drive  
Nashville, TN 37204

Regarding: Project: 49007622; Pineville Textile Mill  
EML ID: 1270701

Approved by:

Approved Signatory  
Baluswamy Krishnan

Dates of Analysis:  
Asbestos PLM: 10-03-2014

Service SOPs: Asbestos PLM (EPA Methods 600/R-93/116 & 600/M4-82-020, SOP EM-AS-S-1267)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: TestAmerica-Nashville, TN  
C/O: Ms. Heather Baker  
Re: 49007622; Pineville Textile Mill

Date of Sampling: 09-25-2014  
Date of Receipt: 09-30-2014  
Date of Report: 10-03-2014

**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**

**Total Samples Submitted:** 2

**Total Samples Analysed:** 2

**Total Samples with Layer Asbestos Content > 1%:** 1

**Location: PTM-TS1-01**

Lab ID-Version‡: 5784105-1

Sample Layers	Asbestos Content
Gray Insulation	ND
<b>Composite Non-Asbestos Content:</b>	25% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: PTM-TS1-02**

Lab ID-Version‡: 5784106-1

Sample Layers	Asbestos Content
White Insulation	8% Amosite 3% Chrysotile
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



## COOLER RECEIPT FORM



490-62453 Chain of Custody

Cooler Received/Opened On 9/29/2014 @ 0900

1. Tracking # 6024 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID Raynger

2. Temperature of rep. sample or temp blank when opened: 22.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: \_\_\_\_\_

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) \_\_\_\_\_

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) \_\_\_\_\_

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) \_\_\_\_\_

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) \_\_\_\_\_

I certify that I attached a label with the unique LIMS number to each container (initial) \_\_\_\_\_

21. Were there Non-Conformance issues at login? YES...NO... Was a NCM generated? YES...NO...# \_\_\_\_\_

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING®

**TestAmerica Laboratories, Inc.**

Loc: 490  
62453

## Login Sample Receipt Checklist

Client: Oneida Total Integrated Enterprises LLC

Job Number: 490-62453-1

Login Number: 62453

List Source: TestAmerica Nashville

List Number: 1

Creator: Buckingham, Paul

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Drive

Nashville, TN 37204

Tel: (615)726-0177

TestAmerica Job ID: 490-62485-1

Client Project/Site: Pineville Textiles

For:

Oneida Total Integrated Enterprises LLC

1220 Kennestone Circle

Suite 106

Marietta, Georgia 30060

Attn: Ms. Limari F Krebs

*Heather Baker*

Authorized for release by:

10/16/2014 2:32:49 PM

Heather Baker, Project Manager I

(615)301-5043

[heather.baker@testamericainc.com](mailto:heather.baker@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.*



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## Sample Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-62485-1	PTM-WS-01	Waste	09/23/14 15:30	09/30/14 08:40
490-62485-2	PTM-WS-03	Waste	09/23/14 15:32	09/30/14 08:40
490-62485-3	PTM-WS-04	Waste	09/23/14 15:34	09/30/14 08:40
490-62485-4	PTM-WS-06	Waste	09/23/14 15:36	09/30/14 08:40
490-62485-5	PTM-WS-07	Waste	09/23/14 15:38	09/30/14 08:40
490-62485-6	PTM-WS-10	Waste	09/23/14 15:44	09/30/14 08:40
490-62485-7	PTM-WS-12	Waste	09/23/14 15:48	09/30/14 08:40
490-62485-8	PTM-WS-16	Waste	09/24/14 08:48	09/30/14 08:40
490-62485-9	PTM-WS-19	Waste	09/24/14 08:51	09/30/14 08:40
490-62485-10	PTM-WS-45	Waste	09/24/14 15:30	09/30/14 08:40
490-62485-11	PTM-TCLP-01	Waste	09/29/14 11:00	09/30/14 08:40



## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Job ID: 490-62485-1**

**Laboratory: TestAmerica Nashville**

### Narrative

#### Job Narrative 490-62485-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 9/30/2014 8:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.1° C.

#### GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted due to the nature of the sample matrix: PTM-TCLP-01 (490-62485-11). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The TCLP leachate blank for batch 194200 contained a target analyte above the reporting limit (RL). None of the samples associated with this leachate blank contained this target analyte; therefore, re-extraction of the samples was not performed.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 194454 recovered outside control limits for the following analytes: 12-Dichloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC/MS Semi VOA

Method(s) 8270D: Surrogate recovery for 2,4,6-Tribromophenol in the following sample was outside control limits: PTM-TCLP-01 (490-62485-11). Evidence of matrix interference is present; therefore, re-extraction was not performed.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: PTM-TCLP-01 (490-62485-11). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC Semi VOA

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 195849.

Method(s) 8082A: The following sample(s) was diluted due to the nature of the sample matrix: PTM-WS-01 (490-62485-1), PTM-WS-03 (490-62485-2), PTM-WS-04 (490-62485-3), PTM-WS-06 (490-62485-4), PTM-WS-07 (490-62485-5), PTM-WS-10 (490-62485-6), PTM-WS-12 (490-62485-7), PTM-WS-16 (490-62485-8), PTM-WS-19 (490-62485-9), PTM-WS-45 (490-62485-10). Elevated reporting limits (RLs) are provided.

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 197942 recovered above the upper control limit for 2,4,-D. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (490-63167-2 MS), (490-63167-2 MSD), (LB 490-196719/1-E), (LCS 490-197942/3-A), (MB 490-197942/2-A), PTM-TCLP-01 (490-62485-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

Method(s) 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 194820 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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### Job ID: 490-62485-1 (Continued)

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#### Laboratory: TestAmerica Nashville (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

Method(s) 1311: 100% organic, filter only. PTM-TCLP-01 (490-62485-11)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Definitions/Glossary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD 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.
B	Compound was found in the blank and sample.

#### GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

#### GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
E	Result exceeded calibration range.
*	LCS or LCSD exceeds the control limits

#### General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
*	LCS or LCSD exceeds the control limits

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-01**

**Lab Sample ID: 490-62485-1**

**Date Collected: 09/23/14 15:30**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 12:02	10
PCB-1221	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 12:02	10
PCB-1232	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 12:02	10
PCB-1242	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 12:02	10
PCB-1248	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 12:02	10
PCB-1254	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 12:02	10
<b>PCB-1260</b>	<b>10.1</b>		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 12:02	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	101		20 - 150	10/07/14 09:32	10/15/14 12:02	10
Tetrachloro-m-xylene	86		19 - 147	10/07/14 09:32	10/15/14 12:02	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-03**

**Lab Sample ID: 490-62485-2**

**Date Collected: 09/23/14 15:32**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 12:26	10
PCB-1221	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 12:26	10
PCB-1232	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 12:26	10
PCB-1242	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 12:26	10
PCB-1248	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 12:26	10
PCB-1254	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 12:26	10
<b>PCB-1260</b>	<b>9.80</b>		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 12:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 150	10/07/14 09:32	10/15/14 12:26	10
Tetrachloro-m-xylene	82		19 - 147	10/07/14 09:32	10/15/14 12:26	10

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-04**

**Lab Sample ID: 490-62485-3**

**Date Collected: 09/23/14 15:34**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.72	4.72	mg/Kg		10/07/14 09:32	10/15/14 12:49	10
PCB-1221	ND		4.72	4.72	mg/Kg		10/07/14 09:32	10/15/14 12:49	10
PCB-1232	ND		4.72	4.72	mg/Kg		10/07/14 09:32	10/15/14 12:49	10
PCB-1242	ND		4.72	4.72	mg/Kg		10/07/14 09:32	10/15/14 12:49	10
PCB-1248	ND		4.72	4.72	mg/Kg		10/07/14 09:32	10/15/14 12:49	10
PCB-1254	ND		4.72	4.72	mg/Kg		10/07/14 09:32	10/15/14 12:49	10
<b>PCB-1260</b>	<b>10.1</b>		4.72	4.72	mg/Kg		10/07/14 09:32	10/15/14 12:49	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	95		20 - 150	10/07/14 09:32	10/15/14 12:49	10
Tetrachloro-m-xylene	78		19 - 147	10/07/14 09:32	10/15/14 12:49	10



## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-06**

**Lab Sample ID: 490-62485-4**

**Date Collected: 09/23/14 15:36**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 03:39	10
PCB-1221	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 03:39	10
PCB-1232	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 03:39	10
PCB-1242	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 03:39	10
PCB-1248	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 03:39	10
PCB-1254	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 03:39	10
<b>PCB-1260</b>	<b>9.42</b>		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 03:39	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	96		20 - 150	10/07/14 09:32	10/15/14 03:39	10
Tetrachloro-m-xylene	79		19 - 147	10/07/14 09:32	10/15/14 03:39	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-07**

**Lab Sample ID: 490-62485-5**

**Date Collected: 09/23/14 15:38**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 04:02	10
PCB-1221	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 04:02	10
PCB-1232	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 04:02	10
PCB-1242	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 04:02	10
PCB-1248	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 04:02	10
PCB-1254	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 04:02	10
<b>PCB-1260</b>	<b>9.87</b>		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 04:02	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	98		20 - 150	10/07/14 09:32	10/15/14 04:02	10
Tetrachloro-m-xylene	77		19 - 147	10/07/14 09:32	10/15/14 04:02	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-10**

**Lab Sample ID: 490-62485-6**

**Date Collected: 09/23/14 15:44**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:25	10
PCB-1221	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:25	10
PCB-1232	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:25	10
PCB-1242	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:25	10
PCB-1248	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:25	10
PCB-1254	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:25	10
PCB-1260	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:25	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	99		20 - 150	10/07/14 09:32	10/15/14 04:25	10
Tetrachloro-m-xylene	75		19 - 147	10/07/14 09:32	10/15/14 04:25	10



## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-12**

**Lab Sample ID: 490-62485-7**

**Date Collected: 09/23/14 15:48**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:48	10
PCB-1221	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:48	10
PCB-1232	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:48	10
PCB-1242	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:48	10
PCB-1248	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:48	10
PCB-1254	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:48	10
PCB-1260	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 04:48	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	109		20 - 150	10/07/14 09:32	10/15/14 04:48	10
Tetrachloro-m-xylene	76		19 - 147	10/07/14 09:32	10/15/14 04:48	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-16**

**Lab Sample ID: 490-62485-8**

**Date Collected: 09/24/14 08:48**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 05:11	10
PCB-1221	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 05:11	10
PCB-1232	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 05:11	10
PCB-1242	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 05:11	10
PCB-1248	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 05:11	10
PCB-1254	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 05:11	10
<b>PCB-1260</b>	<b>8.85</b>		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 05:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	104		20 - 150	10/07/14 09:32	10/15/14 05:11	10
Tetrachloro-m-xylene	75		19 - 147	10/07/14 09:32	10/15/14 05:11	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-19**

**Lab Sample ID: 490-62485-9**

**Date Collected: 09/24/14 08:51**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 05:34	10
PCB-1221	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 05:34	10
PCB-1232	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 05:34	10
PCB-1242	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 05:34	10
PCB-1248	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 05:34	10
PCB-1254	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 05:34	10
PCB-1260	ND		4.85	4.85	mg/Kg		10/07/14 09:32	10/15/14 05:34	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	103		20 - 150	10/07/14 09:32	10/15/14 05:34	10
Tetrachloro-m-xylene	75		19 - 147	10/07/14 09:32	10/15/14 05:34	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-45**

**Lab Sample ID: 490-62485-10**

**Date Collected: 09/24/14 15:30**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

**Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 05:57	10
PCB-1221	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 05:57	10
PCB-1232	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 05:57	10
PCB-1242	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 05:57	10
PCB-1248	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 05:57	10
PCB-1254	ND		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 05:57	10
<b>PCB-1260</b>	<b>8.66</b>		4.76	4.76	mg/Kg		10/07/14 09:32	10/15/14 05:57	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	95		20 - 150	10/07/14 09:32	10/15/14 05:57	10
Tetrachloro-m-xylene	77		19 - 147	10/07/14 09:32	10/15/14 05:57	10



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-TCLP-01**

**Lab Sample ID: 490-62485-11**

**Date Collected: 09/29/14 11:00**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.00	1.25	mg/L			10/01/14 18:41	5000
1,2-Dichloroethane	ND	*	5.00	1.00	mg/L			10/01/14 18:41	5000
2-Butanone (MEK)	ND		250	13.0	mg/L			10/01/14 18:41	5000
<b>Benzene</b>	<b>1.87</b>	<b>J</b>	5.00	1.00	mg/L			10/01/14 18:41	5000
Carbon tetrachloride	ND		5.00	0.900	mg/L			10/01/14 18:41	5000
Chlorobenzene	ND		5.00	0.900	mg/L			10/01/14 18:41	5000
Tetrachloroethene	ND		5.00	1.25	mg/L			10/01/14 18:41	5000
Trichloroethene	ND		5.00	1.00	mg/L			10/01/14 18:41	5000
Vinyl chloride	ND		5.00	1.20	mg/L			10/01/14 18:41	5000
<b>Chloroform</b>	<b>1.18</b>	<b>J B</b>	5.00	1.15	mg/L			10/01/14 18:41	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130		10/01/14 18:41	5000
4-Bromofluorobenzene (Surr)	97		70 - 130		10/01/14 18:41	5000
Dibromofluoromethane (Surr)	97		70 - 130		10/01/14 18:41	5000
Toluene-d8 (Surr)	97		70 - 130		10/01/14 18:41	5000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		198000	27300	ug/L		10/07/14 11:35	10/08/14 20:07	2
2,4,5-Trichlorophenol	ND		495000	40200	ug/L		10/07/14 11:35	10/08/14 20:07	2
2,4,6-Trichlorophenol	ND		198000	34900	ug/L		10/07/14 11:35	10/08/14 20:07	2
2,4-Dinitrotoluene	ND		198000	65900	ug/L		10/07/14 11:35	10/08/14 20:07	2
Cresols	ND		198000	65900	ug/L		10/07/14 11:35	10/08/14 20:07	2
Hexachlorobenzene	ND		198000	33500	ug/L		10/07/14 11:35	10/08/14 20:07	2
Hexachlorobutadiene	ND		198000	65900	ug/L		10/07/14 11:35	10/08/14 20:07	2
Hexachloroethane	ND		198000	65900	ug/L		10/07/14 11:35	10/08/14 20:07	2
Nitrobenzene	ND		198000	24600	ug/L		10/07/14 11:35	10/08/14 20:07	2
Pyridine	ND		198000	44600	ug/L		10/07/14 11:35	10/08/14 20:07	2
Pentachlorophenol	ND		495000	32700	ug/L		10/07/14 11:35	10/08/14 20:07	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	0	X	10 - 120	10/07/14 11:35	10/08/14 20:07	2
2-Fluorobiphenyl (Surr)	83		29 - 120	10/07/14 11:35	10/08/14 20:07	2
2-Fluorophenol (Surr)	69		10 - 120	10/07/14 11:35	10/08/14 20:07	2
Nitrobenzene-d5 (Surr)	63		27 - 120	10/07/14 11:35	10/08/14 20:07	2
Phenol-d5 (Surr)	68		10 - 120	10/07/14 11:35	10/08/14 20:07	2
Terphenyl-d14 (Surr)	76		13 - 120	10/07/14 11:35	10/08/14 20:07	2

## Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		1.98	1.39	mg/L		10/07/14 11:40	10/11/14 13:31	20
Endrin	ND		1.98	0.198	mg/L		10/07/14 11:40	10/11/14 13:31	20
gamma-BHC (Lindane)	ND		1.98	0.198	mg/L		10/07/14 11:40	10/11/14 13:31	20
Heptachlor	ND		1.98	0.198	mg/L		10/07/14 11:40	10/11/14 13:31	20
Heptachlor epoxide	ND		1.98	1.39	mg/L		10/07/14 11:40	10/11/14 13:31	20
Methoxychlor	ND		1.98	0.198	mg/L		10/07/14 11:40	10/11/14 13:31	20
Toxaphene	ND		99.0	69.3	mg/L		10/07/14 11:40	10/11/14 13:31	20

TestAmerica Nashville

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-TCLP-01**

**Lab Sample ID: 490-62485-11**

**Date Collected: 09/29/14 11:00**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	4	p X	10 - 141	10/07/14 11:40	10/11/14 13:31	20
Tetrachloro-m-xylene	46		38 - 150	10/07/14 11:40	10/11/14 13:31	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.990	0.717	mg/Kg		10/14/14 17:54	10/15/14 19:51	1
2,4-D	ND		2.10	2.06	mg/Kg		10/14/14 17:54	10/15/14 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dichloroacetic acid(Surr)	82		10 - 150	10/14/14 17:54	10/15/14 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		9.60	1.38	mg/L		10/01/14 09:50	10/02/14 16:19	1
Barium	ND		192	0.960	mg/L		10/01/14 09:50	10/02/14 16:19	1
Cadmium	ND		1.92	0.0960	mg/L		10/01/14 09:50	10/02/14 16:19	1
Chromium	ND		9.60	0.576	mg/L		10/01/14 09:50	10/02/14 16:19	1
Silver	ND		9.60	0.480	mg/L		10/01/14 09:50	10/02/14 16:19	1
Lead	ND		9.60	0.384	mg/L		10/01/14 09:50	10/02/14 16:19	1
Selenium	ND		1.92	0.960	mg/L		10/01/14 09:50	10/02/14 16:19	1

## Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0200	0.0150	mg/L		10/01/14 12:54	10/03/14 10:14	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		2.00	0.600	mg/Kg		10/01/14 14:38	10/02/14 12:44	1
Sulfide	ND		20.0	12.1	mg/Kg		10/01/14 14:52	10/01/14 16:20	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200		1.00	1.00	Degrees F			10/10/14 13:16	1

## General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
corrosivity by pH	7.02		0.100	0.100	SU			10/01/14 12:21	1
Temperature	21.1		0.100	0.100	Degrees C			10/01/14 12:21	1

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: MB 490-194454/7

Matrix: Waste

Analysis Batch: 194454

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	ND		0.00100	0.000250	mg/L			10/01/14 13:44	1
1,2-Dichloroethane	ND		0.00100	0.000200	mg/L			10/01/14 13:44	1
2-Butanone (MEK)	ND		0.0500	0.00260	mg/L			10/01/14 13:44	1
Benzene	ND		0.00100	0.000200	mg/L			10/01/14 13:44	1
Carbon tetrachloride	ND		0.00100	0.000180	mg/L			10/01/14 13:44	1
Chlorobenzene	ND		0.00100	0.000180	mg/L			10/01/14 13:44	1
Tetrachloroethene	ND		0.00100	0.000250	mg/L			10/01/14 13:44	1
Trichloroethene	ND		0.00100	0.000200	mg/L			10/01/14 13:44	1
Vinyl chloride	ND		0.00100	0.000240	mg/L			10/01/14 13:44	1
Chloroform	ND		0.00100	0.000230	mg/L			10/01/14 13:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130		10/01/14 13:44	1
4-Bromofluorobenzene (Surr)	92		70 - 130		10/01/14 13:44	1
Dibromofluoromethane (Surr)	102		70 - 130		10/01/14 13:44	1
Toluene-d8 (Surr)	96		70 - 130		10/01/14 13:44	1

Lab Sample ID: LCS 490-194454/3

Matrix: Waste

Analysis Batch: 194454

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.0500	0.05475		mg/L		109	79 - 124
1,2-Dichloroethane	0.0500	0.06185	*	mg/L		124	77 - 121
2-Butanone (MEK)	0.250	0.2654		mg/L		106	62 - 133
Benzene	0.0500	0.04721		mg/L		94	80 - 121
Carbon tetrachloride	0.0500	0.05973		mg/L		119	64 - 147
Chlorobenzene	0.0500	0.04746		mg/L		95	80 - 120
Tetrachloroethene	0.0500	0.04958		mg/L		99	80 - 126
Trichloroethene	0.0500	0.05186		mg/L		104	80 - 123
Vinyl chloride	0.0500	0.04957		mg/L		99	68 - 120
Chloroform	0.0500	0.05252		mg/L		105	73 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
4-Bromofluorobenzene (Surr)	92		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: LCSD 490-194454/4

Matrix: Waste

Analysis Batch: 194454

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
1,1-Dichloroethene	0.0500	0.04834		mg/L		97	79 - 124	12	17
1,2-Dichloroethane	0.0500	0.05568		mg/L		111	77 - 121	11	17
2-Butanone (MEK)	0.250	0.2458		mg/L		98	62 - 133	8	19

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: LCSD 490-194454/4

Matrix: Waste

Analysis Batch: 194454

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
Benzene	0.0500	0.04526		mg/L		91	80 - 121	4	17
Carbon tetrachloride	0.0500	0.05490		mg/L		110	64 - 147	8	19
Chlorobenzene	0.0500	0.04541		mg/L		91	80 - 120	4	14
Tetrachloroethene	0.0500	0.04820		mg/L		96	80 - 126	3	16
Trichloroethene	0.0500	0.04750		mg/L		95	80 - 123	9	17
Vinyl chloride	0.0500	0.04522		mg/L		90	68 - 120	9	17
Chloroform	0.0500	0.04682		mg/L		94	73 - 129	11	18

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LB 490-194200/1-A

Matrix: Waste

Analysis Batch: 194454

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.00100	0.000250	mg/L			10/01/14 14:44	1
1,2-Dichloroethane	ND		0.00100	0.000200	mg/L			10/01/14 14:44	1
2-Butanone (MEK)	ND		0.0500	0.00260	mg/L			10/01/14 14:44	1
Benzene	ND		0.00100	0.000200	mg/L			10/01/14 14:44	1
Carbon tetrachloride	ND		0.00100	0.000180	mg/L			10/01/14 14:44	1
Chlorobenzene	ND		0.00100	0.000180	mg/L			10/01/14 14:44	1
Tetrachloroethene	ND		0.00100	0.000250	mg/L			10/01/14 14:44	1
Trichloroethene	ND		0.00100	0.000200	mg/L			10/01/14 14:44	1
Vinyl chloride	ND		0.00100	0.000240	mg/L			10/01/14 14:44	1
Chloroform	0.006354		0.00100	0.000230	mg/L			10/01/14 14:44	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 130		10/01/14 14:44	1
4-Bromofluorobenzene (Surr)	93		70 - 130		10/01/14 14:44	1
Dibromofluoromethane (Surr)	101		70 - 130		10/01/14 14:44	1
Toluene-d8 (Surr)	95		70 - 130		10/01/14 14:44	1

Lab Sample ID: 490-62489-E-1-B MS

Matrix: Waste

Analysis Batch: 194454

Client Sample ID: Matrix Spike

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		0.500	0.3772		mg/L		75	70 - 142
1,2-Dichloroethane	ND	*	0.500	0.5443		mg/L		109	64 - 136
2-Butanone (MEK)	ND		2.50	2.182		mg/L		87	50 - 138
Benzene	0.0786		0.500	0.5240		mg/L		89	75 - 133
Carbon tetrachloride	ND		0.500	0.4345		mg/L		87	62 - 164
Chlorobenzene	ND		0.500	0.4412		mg/L		88	80 - 129
Tetrachloroethene	ND		0.500	0.4197		mg/L		84	72 - 145

TestAmerica Nashville



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: 490-62489-E-1-B MS

Matrix: Waste

Analysis Batch: 194454

Client Sample ID: Matrix Spike

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	ND		0.500	0.4445		mg/L		89	73 - 144
Vinyl chloride	ND		0.500	0.3347		mg/L		67	56 - 129
Chloroform	0.0108	B	0.500	0.4746		mg/L		93	66 - 138
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	103		70 - 130						
4-Bromofluorobenzene (Surr)	98		70 - 130						
Dibromofluoromethane (Surr)	99		70 - 130						
Toluene-d8 (Surr)	96		70 - 130						

Lab Sample ID: 490-62489-E-1-B MSD

Matrix: Waste

Analysis Batch: 194454

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		0.500	0.3957		mg/L		79	70 - 142	5	17
1,2-Dichloroethane	ND	*	0.500	0.5398		mg/L		108	64 - 136	1	17
2-Butanone (MEK)	ND		2.50	2.346		mg/L		94	50 - 138	7	19
Benzene	0.0786		0.500	0.5192		mg/L		88	75 - 133	1	17
Carbon tetrachloride	ND		0.500	0.4263		mg/L		85	62 - 164	2	19
Chlorobenzene	ND		0.500	0.4396		mg/L		88	80 - 129	0	14
Tetrachloroethene	ND		0.500	0.4063		mg/L		81	72 - 145	3	16
Trichloroethene	ND		0.500	0.4401		mg/L		88	73 - 144	1	17
Vinyl chloride	ND		0.500	0.3087		mg/L		62	56 - 129	8	17
Chloroform	0.0108	B	0.500	0.4635		mg/L		91	66 - 138	2	18
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	109		70 - 130								
4-Bromofluorobenzene (Surr)	96		70 - 130								
Dibromofluoromethane (Surr)	99		70 - 130								
Toluene-d8 (Surr)	95		70 - 130								

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

Lab Sample ID: MB 490-195933/1-A

Matrix: Waste

Analysis Batch: 196223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		200000	27600	ug/L		10/07/14 11:35	10/08/14 19:44	2
2,4,5-Trichlorophenol	ND		500000	40600	ug/L		10/07/14 11:35	10/08/14 19:44	2
2,4,6-Trichlorophenol	ND		200000	35200	ug/L		10/07/14 11:35	10/08/14 19:44	2
2,4-Dinitrotoluene	ND		200000	66600	ug/L		10/07/14 11:35	10/08/14 19:44	2
Cresols	ND		200000	66600	ug/L		10/07/14 11:35	10/08/14 19:44	2
Hexachlorobenzene	ND		200000	33800	ug/L		10/07/14 11:35	10/08/14 19:44	2
Hexachlorobutadiene	ND		200000	66600	ug/L		10/07/14 11:35	10/08/14 19:44	2
Hexachloroethane	ND		200000	66600	ug/L		10/07/14 11:35	10/08/14 19:44	2

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: MB 490-195933/1-A

Matrix: Waste

Analysis Batch: 196223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		200000	24800	ug/L		10/07/14 11:35	10/08/14 19:44	2
Pyridine	ND		200000	45000	ug/L		10/07/14 11:35	10/08/14 19:44	2
Pentachlorophenol	ND		500000	33000	ug/L		10/07/14 11:35	10/08/14 19:44	2

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		10 - 120	10/07/14 11:35	10/08/14 19:44	2
2-Fluorobiphenyl (Surr)	84		29 - 120	10/07/14 11:35	10/08/14 19:44	2
2-Fluorophenol (Surr)	76		10 - 120	10/07/14 11:35	10/08/14 19:44	2
Nitrobenzene-d5 (Surr)	72		27 - 120	10/07/14 11:35	10/08/14 19:44	2
Phenol-d5 (Surr)	79		10 - 120	10/07/14 11:35	10/08/14 19:44	2
Terphenyl-d14 (Surr)	69		13 - 120	10/07/14 11:35	10/08/14 19:44	2

Lab Sample ID: LCS 490-195933/2-A

Matrix: Waste

Analysis Batch: 196223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	200000	176200	J	ug/L		88	31 - 120
2,4,5-Trichlorophenol	200000	170900	J	ug/L		85	40 - 129
2,4,6-Trichlorophenol	200000	170900	J	ug/L		85	39 - 135
2,4-Dinitrotoluene	200000	157600	J	ug/L		79	46 - 132
Cresols	400000	372100		ug/L		93	33 - 120
Hexachlorobenzene	200000	160800	J	ug/L		80	48 - 131
Hexachlorobutadiene	200000	189500	J	ug/L		95	28 - 120
Hexachloroethane	200000	169300	J	ug/L		85	30 - 120
Nitrobenzene	200000	177300	J	ug/L		89	36 - 120
Pyridine	200000	ND		ug/L		16	10 - 120
Pentachlorophenol	400000	383700	J	ug/L		96	21 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	66		10 - 120
2-Fluorobiphenyl (Surr)	82		29 - 120
2-Fluorophenol (Surr)	82		10 - 120
Nitrobenzene-d5 (Surr)	76		27 - 120
Phenol-d5 (Surr)	91		10 - 120
Terphenyl-d14 (Surr)	73		13 - 120

## Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 490-195937/1-A

Matrix: Waste

Analysis Batch: 197256

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.100	0.0700	mg/L		10/07/14 11:40	10/11/14 12:54	1
Endrin	ND		0.100	0.0100	mg/L		10/07/14 11:40	10/11/14 12:54	1
gamma-BHC (Lindane)	ND		0.100	0.0100	mg/L		10/07/14 11:40	10/11/14 12:54	1

TestAmerica Nashville

## QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

### Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 490-195937/1-A

Matrix: Waste

Analysis Batch: 197256

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.100	0.0100	mg/L		10/07/14 11:40	10/11/14 12:54	1
Heptachlor epoxide	ND		0.100	0.0700	mg/L		10/07/14 11:40	10/11/14 12:54	1
Methoxychlor	ND		0.100	0.0100	mg/L		10/07/14 11:40	10/11/14 12:54	1
Toxaphene	ND		5.00	3.50	mg/L		10/07/14 11:40	10/11/14 12:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	95		10 - 141	10/07/14 11:40	10/11/14 12:54	1
Tetrachloro-m-xylene	98		38 - 150	10/07/14 11:40	10/11/14 12:54	1

Lab Sample ID: LCS 490-195937/2-A

Matrix: Waste

Analysis Batch: 197256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	2.00	1.889	E	mg/L		94	54 - 150
gamma-BHC (Lindane)	2.00	0.9439	E p *	mg/L		47	50 - 138
Heptachlor	2.00	1.597	E	mg/L		80	43 - 146
Heptachlor epoxide	2.00	1.585	E	mg/L		79	50 - 136
Methoxychlor	2.00	1.527	E	mg/L		76	35 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	96		10 - 141
Tetrachloro-m-xylene	95		38 - 150

Lab Sample ID: LCS 490-195937/3-A

Matrix: Waste

Analysis Batch: 197256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlordane (technical)	5.00	5.260		mg/L		105	49 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	99		10 - 141
Tetrachloro-m-xylene	95		38 - 150

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-195849/1-A

Matrix: Waste

Analysis Batch: 197777

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1221	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1232	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1242	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1248	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 490-195849/1-A

Matrix: Waste

Analysis Batch: 197777

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1260	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	92		20 - 150				10/07/14 09:32	10/15/14 11:16	1
Tetrachloro-m-xylene	106		19 - 147				10/07/14 09:32	10/15/14 11:16	1

Lab Sample ID: LCS 490-195849/2-A

Matrix: Waste

Analysis Batch: 197777

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195849

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1248	5.00	5.347		mg/Kg		107	45 - 149
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl (Surr)	105		20 - 150				
Tetrachloro-m-xylene	120		19 - 147				

## Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 490-197942/2-A

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 197942

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0990	0.0717	mg/Kg		10/14/14 17:54	10/15/14 19:08	1
2,4-D	ND		0.210	0.206	mg/Kg		10/14/14 17:54	10/15/14 19:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dichloroacetic acid(Surr)	82	p	10 - 150				10/14/14 17:54	10/15/14 19:08	1

Lab Sample ID: LCS 490-197942/3-A

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 197942

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	0.250	0.1891	p	mg/Kg		76	10 - 139
2,4-D	0.250	0.2242	p	mg/Kg		90	10 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Dichloroacetic acid(Surr)	83	p	10 - 150				

TestAmerica Nashville



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: LB 490-196719/1-E

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 197942

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0990	0.0717	mg/Kg		10/14/14 17:54	10/15/14 18:54	1
2,4-D	ND		0.210	0.206	mg/Kg		10/14/14 17:54	10/15/14 18:54	1
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dichloroacetic acid(Surr)	86	p	10 - 150				10/14/14 17:54	10/15/14 18:54	1

Lab Sample ID: 490-63167-A-2-O MS

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 197942

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	ND	*	0.250	0.1942	p	mg/Kg		78	10 - 139
2,4-D	ND	*	0.250	0.2185	p	mg/Kg		87	10 - 161
Surrogate	MS %Recovery	MS Qualifier	Limits						
Dichloroacetic acid(Surr)	82	p	10 - 150						

Lab Sample ID: 490-63167-A-2-P MSD

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 197942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silvex (2,4,5-TP)	ND	*	0.250	0.2062	p	mg/Kg		82	10 - 139	6	50
2,4-D	ND	*	0.250	0.2325	p	mg/Kg		93	10 - 161	6	50
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Dichloroacetic acid(Surr)	88	p	10 - 150								

## Method: 6010C - Metals (ICP)

Lab Sample ID: MB 490-194414/1-A

Matrix: Waste

Analysis Batch: 194910

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 194414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.500	0.0720	mg/L		10/01/14 09:50	10/02/14 14:41	1
Barium	ND		10.0	0.0500	mg/L		10/01/14 09:50	10/02/14 14:41	1
Cadmium	ND		0.100	0.00500	mg/L		10/01/14 09:50	10/02/14 14:41	1
Chromium	ND		0.500	0.0300	mg/L		10/01/14 09:50	10/02/14 14:41	1
Silver	ND		0.500	0.0250	mg/L		10/01/14 09:50	10/02/14 14:41	1
Lead	ND		0.500	0.0200	mg/L		10/01/14 09:50	10/02/14 14:41	1
Selenium	ND		0.100	0.0500	mg/L		10/01/14 09:50	10/02/14 14:41	1

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: LCS 490-194414/3-A

Matrix: Waste

Analysis Batch: 194910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 194414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	1.965		mg/L		98	80 - 120
Barium	20.0	19.87		mg/L		99	80 - 120
Cadmium	2.00	1.875		mg/L		94	80 - 120
Chromium	10.0	9.452		mg/L		95	80 - 120
Silver	2.00	1.767		mg/L		88	80 - 120
Lead	10.0	9.789		mg/L		98	80 - 120
Selenium	2.00	2.001		mg/L		100	80 - 120

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 490-194504/1-A

Matrix: Waste

Analysis Batch: 195138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 194504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00200	0.00150	mg/L		10/01/14 12:54	10/03/14 09:45	1

Lab Sample ID: LCS 490-194504/2-A

Matrix: Waste

Analysis Batch: 195138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 194504

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0200	0.02074		mg/L		104	80 - 120

Lab Sample ID: LB 490-194196/1-C

Matrix: Waste

Analysis Batch: 195138

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 194504

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00200	0.00150	mg/L		10/01/14 12:54	10/03/14 09:54	1

Lab Sample ID: 490-62389-A-1-F MS

Matrix: Waste

Analysis Batch: 195138

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 194504

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0200	0.01953		mg/L		98	75 - 125

Lab Sample ID: 490-62389-A-1-G MSD

Matrix: Waste

Analysis Batch: 195138

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 194504

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0200	0.01746		mg/L		87	75 - 125	11	20

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: MB 490-197005/1

Matrix: Waste

Analysis Batch: 197005

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200		1.00	1.00	Degrees F			10/10/14 13:16	1

Lab Sample ID: LCS 490-197005/2

Matrix: Waste

Analysis Batch: 197005

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	81.00		Degrees F		100	94 - 106

Lab Sample ID: LCSD 490-197005/9

Matrix: Waste

Analysis Batch: 197005

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
Flashpoint	81.0	75.00	*	Degrees F		93	94 - 106	8	20

Lab Sample ID: 490-63250-A-2 DU

Matrix: Waste

Analysis Batch: 197005

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Flashpoint	>200		>200		Degrees F				NC	10

## Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 490-194555/1-A

Matrix: Waste

Analysis Batch: 194820

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 194555

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		2.00	0.600	mg/Kg		10/01/14 14:38	10/02/14 12:36	1

Lab Sample ID: LCS 490-194555/2-A

Matrix: Waste

Analysis Batch: 194820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 194555

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.500		mg/Kg		90	80 - 120

Lab Sample ID: LCSD 490-194555/3-A

Matrix: Waste

Analysis Batch: 194820

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 194555

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	5.00	4.950		mg/Kg		99	80 - 120	10	20

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: 490-62592-B-1-E MS

Matrix: Waste

Analysis Batch: 194820

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 194555

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		5.00	2.750	F1	mg/Kg		55	69 - 135

Lab Sample ID: 490-62592-B-1-F MSD

Matrix: Waste

Analysis Batch: 194820

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 194555

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		5.00	2.500	F1	mg/Kg		50	69 - 135	10	50

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

Lab Sample ID: MB 490-194566/1-A

Matrix: Waste

Analysis Batch: 194608

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 194566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		20.0	12.1	mg/Kg		10/01/14 14:52	10/01/14 16:20	1

Lab Sample ID: LCS 490-194566/2-A

Matrix: Waste

Analysis Batch: 194608

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 194566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	200	192.8		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 490-194566/3-A

Matrix: Waste

Analysis Batch: 194608

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 194566

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	200	194.4		mg/Kg		97	80 - 120	1	20

Lab Sample ID: 490-62592-B-2-E MS

Matrix: Waste

Analysis Batch: 194608

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 194566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	ND		200	160.8		mg/Kg		80	70 - 130

Lab Sample ID: 490-62592-B-2-F MSD

Matrix: Waste

Analysis Batch: 194608

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 194566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	ND		200	152.0		mg/Kg		76	70 - 130	6	20

TestAmerica Nashville



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

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

Lab Sample ID: 490-62485-11 DU  
Matrix: Waste  
Analysis Batch: 194608

Client Sample ID: PTM-TCLP-01  
Prep Type: Total/NA  
Prep Batch: 194566

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	ND		ND		mg/Kg		NC	20

## Method: 9045D - Corrosivity as pH

Lab Sample ID: LCS 490-194499/5  
Matrix: Waste  
Analysis Batch: 194499

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
corrosivity by pH	7.00	7.020		SU		100	95 - 105

Lab Sample ID: 490-62485-11 DU  
Matrix: Waste  
Analysis Batch: 194499

Client Sample ID: PTM-TCLP-01  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
corrosivity by pH	7.02		7.020		SU		0	20
Temperature	21.1		21.10		Degrees C		0	20

## QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

### GC/MS VOA

#### Leach Batch: 194200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	1311	
490-62489-E-1-B MS	Matrix Spike	TCLP	Waste	1311	
490-62489-E-1-B MSD	Matrix Spike Duplicate	TCLP	Waste	1311	
LB 490-194200/1-A	Method Blank	TCLP	Waste	1311	

#### Analysis Batch: 194454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	8260B	194200
490-62489-E-1-B MS	Matrix Spike	TCLP	Waste	8260B	194200
490-62489-E-1-B MSD	Matrix Spike Duplicate	TCLP	Waste	8260B	194200
LB 490-194200/1-A	Method Blank	TCLP	Waste	8260B	194200
LCS 490-194454/3	Lab Control Sample	Total/NA	Waste	8260B	
LCSD 490-194454/4	Lab Control Sample Dup	Total/NA	Waste	8260B	
MB 490-194454/7	Method Blank	Total/NA	Waste	8260B	

### GC/MS Semi VOA

#### Leach Batch: 194253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	1311	

#### Prep Batch: 195933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	3580A	194253
LCS 490-195933/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 490-195933/1-A	Method Blank	Total/NA	Waste	3580A	

#### Analysis Batch: 196223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	8270D	195933
LCS 490-195933/2-A	Lab Control Sample	Total/NA	Waste	8270D	195933
MB 490-195933/1-A	Method Blank	Total/NA	Waste	8270D	195933

### GC Semi VOA

#### Leach Batch: 194253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	1311	

#### Prep Batch: 195849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-1	PTM-WS-01	Total/NA	Waste	3580A	
490-62485-2	PTM-WS-03	Total/NA	Waste	3580A	
490-62485-3	PTM-WS-04	Total/NA	Waste	3580A	
490-62485-4	PTM-WS-06	Total/NA	Waste	3580A	
490-62485-5	PTM-WS-07	Total/NA	Waste	3580A	
490-62485-6	PTM-WS-10	Total/NA	Waste	3580A	
490-62485-7	PTM-WS-12	Total/NA	Waste	3580A	
490-62485-8	PTM-WS-16	Total/NA	Waste	3580A	
490-62485-9	PTM-WS-19	Total/NA	Waste	3580A	

TestAmerica Nashville

## QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

### GC Semi VOA (Continued)

#### Prep Batch: 195849 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-10	PTM-WS-45	Total/NA	Waste	3580A	
LCS 490-195849/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 490-195849/1-A	Method Blank	Total/NA	Waste	3580A	

#### Prep Batch: 195937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	3580A	194253
LCS 490-195937/2-A	Lab Control Sample	Total/NA	Waste	3580A	
LCS 490-195937/3-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 490-195937/1-A	Method Blank	Total/NA	Waste	3580A	

#### Leach Batch: 196719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-63167-A-2-O MS	Matrix Spike	TCLP	Waste	1311	
490-63167-A-2-P MSD	Matrix Spike Duplicate	TCLP	Waste	1311	
LB 490-196719/1-E	Method Blank	TCLP	Waste	1311	

#### Analysis Batch: 197256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	8081A	195937
LCS 490-195937/2-A	Lab Control Sample	Total/NA	Waste	8081A	195937
LCS 490-195937/3-A	Lab Control Sample	Total/NA	Waste	8081A	195937
MB 490-195937/1-A	Method Blank	Total/NA	Waste	8081A	195937

#### Analysis Batch: 197777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-1	PTM-WS-01	Total/NA	Waste	8082A	195849
490-62485-2	PTM-WS-03	Total/NA	Waste	8082A	195849
490-62485-3	PTM-WS-04	Total/NA	Waste	8082A	195849
490-62485-4	PTM-WS-06	Total/NA	Waste	8082A	195849
490-62485-5	PTM-WS-07	Total/NA	Waste	8082A	195849
490-62485-6	PTM-WS-10	Total/NA	Waste	8082A	195849
490-62485-7	PTM-WS-12	Total/NA	Waste	8082A	195849
490-62485-8	PTM-WS-16	Total/NA	Waste	8082A	195849
490-62485-9	PTM-WS-19	Total/NA	Waste	8082A	195849
490-62485-10	PTM-WS-45	Total/NA	Waste	8082A	195849
LCS 490-195849/2-A	Lab Control Sample	Total/NA	Waste	8082A	195849
MB 490-195849/1-A	Method Blank	Total/NA	Waste	8082A	195849

#### Prep Batch: 197942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	8151A	194253
490-63167-A-2-O MS	Matrix Spike	TCLP	Waste	8151A	196719
490-63167-A-2-P MSD	Matrix Spike Duplicate	TCLP	Waste	8151A	196719
LB 490-196719/1-E	Method Blank	TCLP	Waste	8151A	196719
LCS 490-197942/3-A	Lab Control Sample	Total/NA	Waste	8151A	
MB 490-197942/2-A	Method Blank	Total/NA	Waste	8151A	

#### Analysis Batch: 198290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	8151A	197942

TestAmerica Nashville

## QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

### GC Semi VOA (Continued)

#### Analysis Batch: 198290 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-63167-A-2-O MS	Matrix Spike	TCLP	Waste	8151A	197942
490-63167-A-2-P MSD	Matrix Spike Duplicate	TCLP	Waste	8151A	197942
LB 490-196719/1-E	Method Blank	TCLP	Waste	8151A	197942
LCS 490-197942/3-A	Lab Control Sample	Total/NA	Waste	8151A	197942
MB 490-197942/2-A	Method Blank	Total/NA	Waste	8151A	197942

### Metals

#### Leach Batch: 194196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62389-A-1-F MS	Matrix Spike	TCLP	Waste	1311	
490-62389-A-1-G MSD	Matrix Spike Duplicate	TCLP	Waste	1311	
LB 490-194196/1-C	Method Blank	TCLP	Waste	1311	

#### Leach Batch: 194253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	1311	

#### Prep Batch: 194414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	3010A	194253
LCS 490-194414/3-A	Lab Control Sample	Total/NA	Waste	3010A	
MB 490-194414/1-A	Method Blank	Total/NA	Waste	3010A	

#### Prep Batch: 194504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62389-A-1-F MS	Matrix Spike	TCLP	Waste	7470A	194196
490-62389-A-1-G MSD	Matrix Spike Duplicate	TCLP	Waste	7470A	194196
490-62485-11	PTM-TCLP-01	TCLP	Waste	7470A	194253
LB 490-194196/1-C	Method Blank	TCLP	Waste	7470A	194196
LCS 490-194504/2-A	Lab Control Sample	Total/NA	Waste	7470A	
MB 490-194504/1-A	Method Blank	Total/NA	Waste	7470A	

#### Analysis Batch: 194910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	TCLP	Waste	6010C	194414
LCS 490-194414/3-A	Lab Control Sample	Total/NA	Waste	6010C	194414
MB 490-194414/1-A	Method Blank	Total/NA	Waste	6010C	194414

#### Analysis Batch: 195138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62389-A-1-F MS	Matrix Spike	TCLP	Waste	7470A	194504
490-62389-A-1-G MSD	Matrix Spike Duplicate	TCLP	Waste	7470A	194504
490-62485-11	PTM-TCLP-01	TCLP	Waste	7470A	194504
LB 490-194196/1-C	Method Blank	TCLP	Waste	7470A	194504
LCS 490-194504/2-A	Lab Control Sample	Total/NA	Waste	7470A	194504
MB 490-194504/1-A	Method Blank	Total/NA	Waste	7470A	194504

TestAmerica Nashville



# QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

## General Chemistry

### Leach Batch: 194188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	Soluble	Waste	DI Leach	
490-62485-11 DU	PTM-TCLP-01	Soluble	Waste	DI Leach	

### Analysis Batch: 194499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	Soluble	Waste	9045D	194188
490-62485-11 DU	PTM-TCLP-01	Soluble	Waste	9045D	194188
LCS 490-194499/5	Lab Control Sample	Total/NA	Waste	9045D	

### Prep Batch: 194555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	Total/NA	Waste	9012B	
490-62592-B-1-E MS	Matrix Spike	Total/NA	Waste	9012B	
490-62592-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Waste	9012B	
LCS 490-194555/2-A	Lab Control Sample	Total/NA	Waste	9012B	
LCSD 490-194555/3-A	Lab Control Sample Dup	Total/NA	Waste	9012B	
MB 490-194555/1-A	Method Blank	Total/NA	Waste	9012B	

### Prep Batch: 194566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	Total/NA	Waste	9030B	
490-62485-11 DU	PTM-TCLP-01	Total/NA	Waste	9030B	
490-62592-B-2-E MS	Matrix Spike	Total/NA	Waste	9030B	
490-62592-B-2-F MSD	Matrix Spike Duplicate	Total/NA	Waste	9030B	
LCS 490-194566/2-A	Lab Control Sample	Total/NA	Waste	9030B	
LCSD 490-194566/3-A	Lab Control Sample Dup	Total/NA	Waste	9030B	
MB 490-194566/1-A	Method Blank	Total/NA	Waste	9030B	

### Analysis Batch: 194608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	Total/NA	Waste	9034	194566
490-62485-11 DU	PTM-TCLP-01	Total/NA	Waste	9034	194566
490-62592-B-2-E MS	Matrix Spike	Total/NA	Waste	9034	194566
490-62592-B-2-F MSD	Matrix Spike Duplicate	Total/NA	Waste	9034	194566
LCS 490-194566/2-A	Lab Control Sample	Total/NA	Waste	9034	194566
LCSD 490-194566/3-A	Lab Control Sample Dup	Total/NA	Waste	9034	194566
MB 490-194566/1-A	Method Blank	Total/NA	Waste	9034	194566

### Analysis Batch: 194820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	Total/NA	Waste	9012B	194555
490-62592-B-1-E MS	Matrix Spike	Total/NA	Waste	9012B	194555
490-62592-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Waste	9012B	194555
LCS 490-194555/2-A	Lab Control Sample	Total/NA	Waste	9012B	194555
LCSD 490-194555/3-A	Lab Control Sample Dup	Total/NA	Waste	9012B	194555
MB 490-194555/1-A	Method Blank	Total/NA	Waste	9012B	194555

### Analysis Batch: 197005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62485-11	PTM-TCLP-01	Total/NA	Waste	1010A	
490-63250-A-2 DU	Duplicate	Total/NA	Waste	1010A	

TestAmerica Nashville

## QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

### General Chemistry (Continued)

#### Analysis Batch: 197005 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-197005/2	Lab Control Sample	Total/NA	Waste	1010A	
LCSD 490-197005/9	Lab Control Sample Dup	Total/NA	Waste	1010A	
MB 490-197005/1	Method Blank	Total/NA	Waste	1010A	

# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

## Client Sample ID: PTM-WS-01

Date Collected: 09/23/14 15:30

Date Received: 09/30/14 08:40

## Lab Sample ID: 490-62485-1

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.09 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.09 g	10 mL	197777	10/15/14 12:02	MGH	TAL NSH

## Client Sample ID: PTM-WS-03

Date Collected: 09/23/14 15:32

Date Received: 09/30/14 08:40

## Lab Sample ID: 490-62485-2

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.05 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.05 g	10 mL	197777	10/15/14 12:26	MGH	TAL NSH

## Client Sample ID: PTM-WS-04

Date Collected: 09/23/14 15:34

Date Received: 09/30/14 08:40

## Lab Sample ID: 490-62485-3

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.06 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.06 g	10 mL	197777	10/15/14 12:49	MGH	TAL NSH

## Client Sample ID: PTM-WS-06

Date Collected: 09/23/14 15:36

Date Received: 09/30/14 08:40

## Lab Sample ID: 490-62485-4

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.02 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.02 g	10 mL	197777	10/15/14 03:39	MGH	TAL NSH

## Client Sample ID: PTM-WS-07

Date Collected: 09/23/14 15:38

Date Received: 09/30/14 08:40

## Lab Sample ID: 490-62485-5

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.04 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.04 g	10 mL	197777	10/15/14 04:02	MGH	TAL NSH

## Client Sample ID: PTM-WS-10

Date Collected: 09/23/14 15:44

Date Received: 09/30/14 08:40

## Lab Sample ID: 490-62485-6

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.03 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.03 g	10 mL	197777	10/15/14 04:25	MGH	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-WS-12**

**Date Collected: 09/23/14 15:48**

**Date Received: 09/30/14 08:40**

**Lab Sample ID: 490-62485-7**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.03 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.03 g	10 mL	197777	10/15/14 04:48	MGH	TAL NSH

**Client Sample ID: PTM-WS-16**

**Date Collected: 09/24/14 08:48**

**Date Received: 09/30/14 08:40**

**Lab Sample ID: 490-62485-8**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.04 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.04 g	10 mL	197777	10/15/14 05:11	MGH	TAL NSH

**Client Sample ID: PTM-WS-19**

**Date Collected: 09/24/14 08:51**

**Date Received: 09/30/14 08:40**

**Lab Sample ID: 490-62485-9**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.03 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.03 g	10 mL	197777	10/15/14 05:34	MGH	TAL NSH

**Client Sample ID: PTM-WS-45**

**Date Collected: 09/24/14 15:30**

**Date Received: 09/30/14 08:40**

**Lab Sample ID: 490-62485-10**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.05 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.05 g	10 mL	197777	10/15/14 05:57	MGH	TAL NSH

**Client Sample ID: PTM-TCLP-01**

**Date Collected: 09/29/14 11:00**

**Date Received: 09/30/14 08:40**

**Lab Sample ID: 490-62485-11**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	194200	09/30/14 12:56	SJM	TAL NSH
TCLP	Analysis	8260B		5000	10 mL	10 mL	194454	10/01/14 18:41	MJH	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	194253	09/30/14 14:41	SJM	TAL NSH
TCLP	Prep	3580A			1.01 g	10.00 mL	195933	10/07/14 11:35	LOJ	TAL NSH
TCLP	Analysis	8270D		2	1.01 g	10.00 mL	196223	10/08/14 20:07	WDS	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	194253	09/30/14 14:41	SJM	TAL NSH
TCLP	Prep	3580A			1.01 g	10.00 mL	195937	10/07/14 11:40	LOJ	TAL NSH
TCLP	Analysis	8081A		20	1.01 g	10.00 mL	197256	10/11/14 13:31	HMT	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	194253	09/30/14 14:41	SJM	TAL NSH
TCLP	Prep	8151A			1 mL	10 mL	197942	10/14/14 17:54	FXM	TAL NSH
TCLP	Analysis	8151A		1	1 mL	10 mL	198290	10/15/14 19:51	JML	TAL NSH

TestAmerica Nashville



# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

**Client Sample ID: PTM-TCLP-01**

**Lab Sample ID: 490-62485-11**

**Date Collected: 09/29/14 11:00**

**Matrix: Waste**

**Date Received: 09/30/14 08:40**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	194253	09/30/14 14:41	SJM	TAL NSH
TCLP	Prep	3010A			0.521 mL	100 mL	194414	10/01/14 09:50	ANZ	TAL NSH
TCLP	Analysis	6010C		1	0.521 mL	100 mL	194910	10/02/14 16:19	LTB	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	194253	09/30/14 14:41	SJM	TAL NSH
TCLP	Prep	7470A			.3 g	30 mL	194504	10/01/14 12:54	AAS	TAL NSH
TCLP	Analysis	7470A		1	.3 g	30 mL	195138	10/03/14 10:14	AAS	TAL NSH
Total/NA	Analysis	1010A		1			197005	10/10/14 13:16	RKG	TAL NSH
Total/NA	Prep	9012B			1 g	50 mL	194555	10/01/14 14:38	MLV	TAL NSH
Total/NA	Analysis	9012B		1	1 g	50 mL	194820	10/02/14 12:44	TEM	TAL NSH
Total/NA	Prep	9030B			5 g	50 mL	194566	10/01/14 14:52	MLV	TAL NSH
Total/NA	Analysis	9034		1	5 g	50 mL	194608	10/01/14 16:20	MLV	TAL NSH
Soluble	Leach	DI Leach			20 g	20 mL	194188	09/30/14 12:31	SJM	TAL NSH
Soluble	Analysis	9045D		1	20 g	20 mL	194499	10/01/14 12:21	SJM	TAL NSH

## Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NSH
8081A	Organochlorine Pesticides (GC)	SW846	TAL NSH
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH
8151A	Herbicides (GC)	SW846	TAL NSH
6010C	Metals (ICP)	SW846	TAL NSH
7470A	Mercury (CVAA)	SW846	TAL NSH
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL NSH
9012B	Cyanide, Total and/or Amenable	SW846	TAL NSH
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL NSH
9045D	Corrosivity as pH	SW846	TAL NSH

### Protocol References:

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

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Certification Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62485-1

## Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-15
A2LA	ISO/IEC 17025		0453.07	12-31-15
Alaska (UST)	State Program	10	UST-087	10-31-15
Arizona	State Program	9	AZ0473	05-05-15
Arkansas DEQ	State Program	6	88-0737	04-25-15
California	NELAP	9	1168CA	10-31-14 *
Connecticut	State Program	1	PH-0220	12-31-15
Florida	NELAP	4	E87358	06-30-15
Illinois	NELAP	5	200010	12-09-14
Iowa	State Program	7	131	04-01-16
Kansas	NELAP	7	E-10229	10-31-14 *
Kentucky (UST)	State Program	4	19	06-30-15
Kentucky (WW)	State Program	4	90038	12-31-14
Louisiana	NELAP	6	30613	06-30-15
Maryland	State Program	3	316	03-31-15
Massachusetts	State Program	1	M-TN032	06-30-15
Minnesota	NELAP	5	047-999-345	12-31-14
Mississippi	State Program	4	N/A	06-30-15
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-15
New Hampshire	NELAP	1	2963	10-09-15
New Jersey	NELAP	2	TN965	06-30-15
New York	NELAP	2	11342	03-31-15
North Carolina (WW/SW)	State Program	4	387	12-31-14
North Dakota	State Program	8	R-146	06-30-14 *
Ohio VAP	State Program	5	CL0033	10-16-15
Oklahoma	State Program	6	9412	08-31-15
Oregon	NELAP	10	TN200001	04-29-15
Pennsylvania	NELAP	3	68-00585	06-30-15
Rhode Island	State Program	1	LAO00268	12-30-14
South Carolina	State Program	4	84009 (001)	02-28-15
South Carolina (DW)	State Program	4	84009 (002)	02-23-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077	08-31-15
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-15
Virginia	NELAP	3	460152	06-14-15
Washington	State Program	10	C789	07-19-15
West Virginia DEP	State Program	3	219	02-28-15
Wisconsin	State Program	5	998020430	08-31-15
Wyoming (UST)	A2LA	8	453.07	12-31-15

\* Certification renewal pending - certification considered valid.

TestAmerica Nashville

## COOLER RECEIPT FORM



490-62485 Chain of Custody

Cooler Received/Opened On : 9/30/2014 @ 0840

1. Tracking # 2433 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun: 18290455

2. Temperature of rep. sample or temp blank when opened: 5.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) DA

7. Were custody seals on containers: YES NO and Intact YES NO NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO NA

14. Was there a Trip Blank in this cooler? YES...NO NA If multiple coolers, sequence # DA

I certify that I unloaded the cooler and answered questions 7-14 (initial) DA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO NA

16. Was residual chlorine present? YES...NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) DA

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) DA

I certify that I attached a label with the unique LIMS number to each container (initial) DA

21. Were there Non-Conformance issues at login? YES NO Was a NCM generated? YES NO...



# TestAmerica Nashville

2960 Foster Creighton Drive

Nashville, TN 37204

Phone (615) 726-0177 Fax (615) 726-3404

Loc: 490

62485

## Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

### Client Information

Client Contact:

Ms. Limari Krebs

Company:

Oneida Total Integrated Enterprises LLC

Address:

1220 Kennestone Circle Suite 106

City:

Marietta

State, Zip:

GA, 30060

Phone:

678-355-5550 (Tel) 770-528-0167 (Fax)

Email:

lkrebs@otie.com / rstubbs@otie.com

Project Name:

Pineville Textiles

Site:

Sampler:

Ryan Stubbs

Phone:

678-255-5544

Lab PM:

Baker, Heather

E-Mail:

heather.baker@testamericainc.com

Carrier Tracking No(s):

FeDEx  
68381901 2433

COC No:

490-29156-10537.1

Page:

Page 1 of 5

Job #:

### Analysis Requested

Preservation Codes:

A - HCL M - Hexane  
B - NaOH N - None  
C - Zn Acetate O - AsNaO2  
D - Nitric Acid P - Na2O4S  
E - NaHSO4 Q - Na2SO3  
F - MeOH R - Na2S2SO3  
G - Amchlor S - H2SO4  
H - Ascorbic Acid T - TSP Dodecahydrate  
I - Ice U - Acetone  
J - DI Water V - MCAA  
K - EDTA W - ph 4-5  
L - EDA Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested										Total Number of containers	Special Instructions/Note:
							8082A - Standard PCBs (1016-1260)	6010C, 7470A, 8081B, 8161A, 8270D	8260B - TCLP Sublist	SUBCONTRACT - Local Method	Reactivity	Ignitability	Corrosivity					
1 PTM-WS-01	9/23/14	1530	G	Waste	N	N	X										1	
2 PTM-WS-03		1532		Waste			X										1	
3 PTM-WS-04		1534		Waste			X										1	
4 PTM-WS-06		1536		Waste			X										1	
5 PTM-WS-07		1538		Waste			X										1	
6 PTM-WS-10		1544		Waste			X										1	
7 PTM-WS-12		1548		Waste			X										2	
8 PTM-WS-16	9/24/14	0848		Waste			X										1	
9 PTM-WS-19		0851		Waste			X										1	
10 PTM-WS-45		1530		Waste			X										2	
11 PTM-TCLP-01	9/29/14	1100	C	Waste			X	X	X	X	X	X	X				3	

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☒ Disposal By Lab ☐ Archive For \_\_\_\_\_ Months

Special Instructions/QC Requirements:

### Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: ☒ III, IV, Other (specify)

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Relinquished by:

*[Signature]*

Date/Time:

9/29/14 @ 1200

Company:

STIE

Received by:

*[Signature]*

Date/Time:

9-30-14 0840

Company:

TAN

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Custody Seals Intact:

Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

5.1

10/16/2014

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## Login Sample Receipt Checklist

Client: Oneida Total Integrated Enterprises LLC

Job Number: 490-62485-1

Login Number: 62485

List Source: TestAmerica Nashville

List Number: 1

Creator: Armstrong, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.1C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Drive

Nashville, TN 37204

Tel: (615)726-0177

TestAmerica Job ID: 490-62941-1

Client Project/Site: Pineville Textiles

For:

Oneida Total Integrated Enterprises LLC

1220 Kennestone Circle

Suite 106

Marietta, Georgia 30060

Attn: Ms. Limari F Krebs

*Heather Baker*

Authorized for release by:

10/22/2014 8:57:04 AM

Heather Baker, Project Manager I

(615)301-5043

[heather.baker@testamericainc.com](mailto:heather.baker@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

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

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

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

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## Sample Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-62941-1	PTM-WS-50/51	Waste	09/24/14 16:00	10/04/14 08:30
490-62941-2	PTM-WS-42	Waste	09/24/14 14:45	10/04/14 08:30
490-62941-3	PTM-WS-5/9/11/13/14	Waste	10/03/14 15:00	10/04/14 08:30
490-62941-4	PTM-WS-15/17/18/20/21	Waste	10/03/14 15:05	10/04/14 08:30
490-62941-5	PTM-TCLP-02	Waste	10/03/14 15:10	10/04/14 08:30

## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Job ID: 490-62941-1**

**Laboratory: TestAmerica Nashville**

### Narrative

#### Job Narrative 490-62941-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 10/4/2014 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6° C.

#### GC/MS VOA

Method(s) 8260B: The TCLP leachate blank for batch 195771 contained a target analyte above the reporting limit (RL). None of the samples associated with this leachate blank contained this target analyte above the RL; therefore, re-extraction of the samples was not performed.

Method(s) 8260B: The following sample(s) was diluted due to the nature of the sample matrix: PTM-TCLP-02 (490-62941-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### GC Semi VOA

Method(s) 8081A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 195937.

Method(s) 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 195849.

Method(s) 8082A: The following sample(s) were diluted due to the nature of the sample matrix: PTM-WS-15/17/18/20/21 (490-62941-4), PTM-WS-42 (490-62941-2), PTM-WS-5/9/11/13/14 (490-62941-3), PTM-WS-50/51 (490-62941-1). Elevated reporting limits (RLs) are provided.

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 198290 recovered above the upper control limit for 2,4,-D. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: PTM-TCLP-02 (490-62941-5).

Method(s) 8270D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 195829.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

Method(s) 6010C: The method blank for batch 490-195961 contained Ba above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### General Chemistry

Method(s) 335.4, 9012B, SM 4500 CN E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 196614 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 9034: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 196067 were outside control limits. Sample

## Case Narrative

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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### Job ID: 490-62941-1 (Continued)

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#### Laboratory: TestAmerica Nashville (Continued)

matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

Method(s) 1311: 100% organic, filter only, no rotatable solid. PTM-TCLP-02 (490-62941-5)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Definitions/Glossary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits

#### GC/MS Semi VOA

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.

#### GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
E	Result exceeded calibration range.
*	LCS or LCSD exceeds the control limits

#### 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.

#### General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F3	Duplicate RPD exceeds the control limit

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Client Sample ID: PTM-WS-50/51**

**Lab Sample ID: 490-62941-1**

**Date Collected: 09/24/14 16:00**

**Matrix: Waste**

**Date Received: 10/04/14 08:30**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 06:20	10
PCB-1221	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 06:20	10
PCB-1232	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 06:20	10
PCB-1242	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 06:20	10
PCB-1248	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 06:20	10
PCB-1254	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 06:20	10
PCB-1260	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 06:20	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	96		20 - 150	10/07/14 09:32	10/15/14 06:20	10
Tetrachloro-m-xylene	83		19 - 147	10/07/14 09:32	10/15/14 06:20	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Client Sample ID: PTM-WS-42**

**Lab Sample ID: 490-62941-2**

**Date Collected: 09/24/14 14:45**

**Matrix: Waste**

**Date Received: 10/04/14 08:30**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 06:43	10
PCB-1221	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 06:43	10
PCB-1232	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 06:43	10
PCB-1242	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 06:43	10
PCB-1248	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 06:43	10
PCB-1254	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 06:43	10
PCB-1260	ND		4.59	4.59	mg/Kg		10/07/14 09:32	10/15/14 06:43	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	82		20 - 150	10/07/14 09:32	10/15/14 06:43	10
Tetrachloro-m-xylene	109		19 - 147	10/07/14 09:32	10/15/14 06:43	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Client Sample ID: PTM-WS-5/9/11/13/14**

**Lab Sample ID: 490-62941-3**

**Date Collected: 10/03/14 15:00**

**Matrix: Waste**

**Date Received: 10/04/14 08:30**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 07:06	10
PCB-1221	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 07:06	10
PCB-1232	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 07:06	10
PCB-1242	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 07:06	10
PCB-1248	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 07:06	10
PCB-1254	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 07:06	10
PCB-1260	ND		4.81	4.81	mg/Kg		10/07/14 09:32	10/15/14 07:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		20 - 150	10/07/14 09:32	10/15/14 07:06	10
Tetrachloro-m-xylene	77		19 - 147	10/07/14 09:32	10/15/14 07:06	10

## Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Client Sample ID: PTM-WS-15/17/18/20/21**

**Lab Sample ID: 490-62941-4**

**Date Collected: 10/03/14 15:05**

**Matrix: Waste**

**Date Received: 10/04/14 08:30**

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 08:16	10
PCB-1221	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 08:16	10
PCB-1232	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 08:16	10
PCB-1242	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 08:16	10
PCB-1248	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 08:16	10
PCB-1254	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 08:16	10
PCB-1260	ND		4.90	4.90	mg/Kg		10/07/14 09:32	10/15/14 08:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	94		20 - 150	10/07/14 09:32	10/15/14 08:16	10
Tetrachloro-m-xylene	77		19 - 147	10/07/14 09:32	10/15/14 08:16	10



# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Client Sample ID: PTM-TCLP-02**

**Lab Sample ID: 490-62941-5**

**Date Collected: 10/03/14 15:10**

**Matrix: Waste**

**Date Received: 10/04/14 08:30**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.500	0.125	mg/L			10/07/14 19:23	500
1,2-Dichloroethane	ND		0.500	0.100	mg/L			10/07/14 19:23	500
2-Butanone (MEK)	ND		25.0	1.30	mg/L			10/07/14 19:23	500
Benzene	ND		0.500	0.100	mg/L			10/07/14 19:23	500
Carbon tetrachloride	ND		0.500	0.0900	mg/L			10/07/14 19:23	500
Chlorobenzene	ND		0.500	0.0900	mg/L			10/07/14 19:23	500
Tetrachloroethene	ND		0.500	0.125	mg/L			10/07/14 19:23	500
Trichloroethene	ND		0.500	0.100	mg/L			10/07/14 19:23	500
Vinyl chloride	ND		0.500	0.120	mg/L			10/07/14 19:23	500
Chloroform	ND		0.500	0.115	mg/L			10/07/14 19:23	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 130		10/07/14 19:23	500
4-Bromofluorobenzene (Surr)	91		70 - 130		10/07/14 19:23	500
Dibromofluoromethane (Surr)	105		70 - 130		10/07/14 19:23	500
Toluene-d8 (Surr)	104		70 - 130		10/07/14 19:23	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		200000	27600	ug/L		10/07/14 11:59	10/08/14 20:30	2
2,4,5-Trichlorophenol	ND		500000	40600	ug/L		10/07/14 11:59	10/08/14 20:30	2
2,4,6-Trichlorophenol	ND		200000	35200	ug/L		10/07/14 11:59	10/08/14 20:30	2
2,4-Dinitrotoluene	ND		200000	66600	ug/L		10/07/14 11:59	10/08/14 20:30	2
Cresols	ND		200000	66600	ug/L		10/07/14 11:59	10/08/14 20:30	2
Hexachlorobenzene	ND		200000	33800	ug/L		10/07/14 11:59	10/08/14 20:30	2
Hexachlorobutadiene	ND		200000	66600	ug/L		10/07/14 11:59	10/08/14 20:30	2
Hexachloroethane	ND		200000	66600	ug/L		10/07/14 11:59	10/08/14 20:30	2
Nitrobenzene	ND		200000	24800	ug/L		10/07/14 11:59	10/08/14 20:30	2
Pyridine	ND		200000	45000	ug/L		10/07/14 11:59	10/08/14 20:30	2
Pentachlorophenol	ND		500000	33000	ug/L		10/07/14 11:59	10/08/14 20:30	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		10 - 120	10/07/14 11:59	10/08/14 20:30	2
2-Fluorobiphenyl (Surr)	84		29 - 120	10/07/14 11:59	10/08/14 20:30	2
2-Fluorophenol (Surr)	73		10 - 120	10/07/14 11:59	10/08/14 20:30	2
Nitrobenzene-d5 (Surr)	73		27 - 120	10/07/14 11:59	10/08/14 20:30	2
Phenol-d5 (Surr)	73		10 - 120	10/07/14 11:59	10/08/14 20:30	2
Terphenyl-d14 (Surr)	83		13 - 120	10/07/14 11:59	10/08/14 20:30	2

## Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		2.00	1.40	mg/L		10/07/14 11:55	10/11/14 13:43	20
Endrin	ND		2.00	0.200	mg/L		10/07/14 11:55	10/11/14 13:43	20
gamma-BHC (Lindane)	ND		2.00	0.200	mg/L		10/07/14 11:55	10/11/14 13:43	20
Heptachlor	ND		2.00	0.200	mg/L		10/07/14 11:55	10/11/14 13:43	20
Heptachlor epoxide	ND		2.00	1.40	mg/L		10/07/14 11:55	10/11/14 13:43	20
Methoxychlor	ND		2.00	0.200	mg/L		10/07/14 11:55	10/11/14 13:43	20
Toxaphene	ND		100	70.0	mg/L		10/07/14 11:55	10/11/14 13:43	20

TestAmerica Nashville

# Client Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Client Sample ID: PTM-TCLP-02**

**Lab Sample ID: 490-62941-5**

**Date Collected: 10/03/14 15:10**

**Matrix: Waste**

**Date Received: 10/04/14 08:30**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	-2	p X	10 - 141	10/07/14 11:55	10/11/14 13:43	20
Tetrachloro-m-xylene	54		38 - 150	10/07/14 11:55	10/11/14 13:43	20

Method: 8151A - Herbicides (GC) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.990	0.717	mg/Kg	-	10/14/14 17:54	10/15/14 19:37	1
2,4-D	ND		2.10	2.06	mg/Kg	-	10/14/14 17:54	10/15/14 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dichloroacetic acid(Surr)	128		10 - 150	10/14/14 17:54	10/15/14 19:37	1

Method: 6010C - Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		4.78	0.688	mg/L	-	10/07/14 12:48	10/08/14 14:23	1
Barium	ND		95.6	0.478	mg/L	-	10/07/14 12:48	10/08/14 14:23	1
Cadmium	0.0574	J	0.956	0.0478	mg/L	-	10/07/14 12:48	10/08/14 14:23	1
Chromium	ND		4.78	0.287	mg/L	-	10/07/14 12:48	10/08/14 14:23	1
Silver	ND		4.78	0.239	mg/L	-	10/07/14 12:48	10/08/14 14:23	1
Lead	ND		4.78	0.191	mg/L	-	10/07/14 12:48	10/08/14 14:23	1
Selenium	ND		0.956	0.478	mg/L	-	10/07/14 12:48	10/08/14 14:23	1

Method: 7470A - Mercury (CVAA) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00200	0.00150	mg/L	-	10/08/14 08:24	10/08/14 15:11	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		2.00	0.600	mg/Kg	-	10/07/14 15:00	10/08/14 18:13	1
Sulfide	ND		20.0	12.1	mg/Kg	-	10/07/14 12:26	10/07/14 15:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200		1.00	1.00	Degrees F	-		10/16/14 09:37	1

General Chemistry - Soluble									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.55		0.100	0.100	SU	-		10/08/14 09:40	1
Temperature	21.1		0.100	0.100	Degrees C	-		10/08/14 09:40	1

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: MB 490-196030/7

Matrix: Waste

Analysis Batch: 196030

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	ND		0.00100	0.000250	mg/L			10/07/14 13:59	1
1,2-Dichloroethane	ND		0.00100	0.000200	mg/L			10/07/14 13:59	1
2-Butanone (MEK)	ND		0.0500	0.00260	mg/L			10/07/14 13:59	1
Benzene	ND		0.00100	0.000200	mg/L			10/07/14 13:59	1
Carbon tetrachloride	ND		0.00100	0.000180	mg/L			10/07/14 13:59	1
Chlorobenzene	ND		0.00100	0.000180	mg/L			10/07/14 13:59	1
Tetrachloroethene	ND		0.00100	0.000250	mg/L			10/07/14 13:59	1
Trichloroethene	ND		0.00100	0.000200	mg/L			10/07/14 13:59	1
Vinyl chloride	ND		0.00100	0.000240	mg/L			10/07/14 13:59	1
Chloroform	ND		0.00100	0.000230	mg/L			10/07/14 13:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 130		10/07/14 13:59	1
4-Bromofluorobenzene (Surr)	95		70 - 130		10/07/14 13:59	1
Dibromofluoromethane (Surr)	100		70 - 130		10/07/14 13:59	1
Toluene-d8 (Surr)	108		70 - 130		10/07/14 13:59	1

Lab Sample ID: LCS 490-196030/3

Matrix: Waste

Analysis Batch: 196030

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.0500	0.04969		mg/L		99	79 - 124
1,2-Dichloroethane	0.0500	0.04619		mg/L		92	77 - 121
2-Butanone (MEK)	0.250	0.2424		mg/L		97	62 - 133
Benzene	0.0500	0.04968		mg/L		99	80 - 121
Carbon tetrachloride	0.0500	0.05307		mg/L		106	64 - 147
Chlorobenzene	0.0500	0.04906		mg/L		98	80 - 120
Tetrachloroethene	0.0500	0.05297		mg/L		106	80 - 126
Trichloroethene	0.0500	0.05117		mg/L		102	80 - 123
Vinyl chloride	0.0500	0.04905		mg/L		98	68 - 120
Chloroform	0.0500	0.04936		mg/L		99	73 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 490-196030/4

Matrix: Waste

Analysis Batch: 196030

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
1,1-Dichloroethene	0.0500	0.04975		mg/L		99	79 - 124	0	17
1,2-Dichloroethane	0.0500	0.04734		mg/L		95	77 - 121	2	17
2-Butanone (MEK)	0.250	0.2575		mg/L		103	62 - 133	6	19

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: LCSD 490-196030/4

Matrix: Waste

Analysis Batch: 196030

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
Benzene	0.0500	0.04960		mg/L		99	80 - 121	0	17
Carbon tetrachloride	0.0500	0.05232		mg/L		105	64 - 147	1	19
Chlorobenzene	0.0500	0.04776		mg/L		96	80 - 120	3	14
Tetrachloroethene	0.0500	0.05213		mg/L		104	80 - 126	2	16
Trichloroethene	0.0500	0.05020		mg/L		100	80 - 123	2	17
Vinyl chloride	0.0500	0.04864		mg/L		97	68 - 120	1	17
Chloroform	0.0500	0.04961		mg/L		99	73 - 129	0	18

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LB 490-195771/1-A

Matrix: Waste

Analysis Batch: 196030

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.00100	0.000250	mg/L			10/07/14 15:44	1
1,2-Dichloroethane	ND		0.00100	0.000200	mg/L			10/07/14 15:44	1
2-Butanone (MEK)	ND		0.0500	0.00260	mg/L			10/07/14 15:44	1
Benzene	ND		0.00100	0.000200	mg/L			10/07/14 15:44	1
Carbon tetrachloride	ND		0.00100	0.000180	mg/L			10/07/14 15:44	1
Chlorobenzene	ND		0.00100	0.000180	mg/L			10/07/14 15:44	1
Tetrachloroethene	ND		0.00100	0.000250	mg/L			10/07/14 15:44	1
Trichloroethene	ND		0.00100	0.000200	mg/L			10/07/14 15:44	1
Vinyl chloride	ND		0.00100	0.000240	mg/L			10/07/14 15:44	1
Chloroform	0.003184		0.00100	0.000230	mg/L			10/07/14 15:44	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130		10/07/14 15:44	1
4-Bromofluorobenzene (Surr)	97		70 - 130		10/07/14 15:44	1
Dibromofluoromethane (Surr)	103		70 - 130		10/07/14 15:44	1
Toluene-d8 (Surr)	94		70 - 130		10/07/14 15:44	1

Lab Sample ID: 480-68578-B-2-C MS

Matrix: Waste

Analysis Batch: 196030

Client Sample ID: Matrix Spike

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		0.500	0.3119	F1	mg/L		62	70 - 142
1,2-Dichloroethane	ND		0.500	0.4472		mg/L		89	64 - 136
2-Butanone (MEK)	ND		2.50	2.568		mg/L		103	50 - 138
Benzene	0.0124		0.500	0.4497		mg/L		87	75 - 133
Carbon tetrachloride	ND		0.500	0.3678		mg/L		74	62 - 164
Chlorobenzene	ND		0.500	0.4383		mg/L		88	80 - 129
Tetrachloroethene	ND		0.500	0.3995		mg/L		80	72 - 145

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: 480-68578-B-2-C MS

Matrix: Waste

Analysis Batch: 196030

Client Sample ID: Matrix Spike

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	ND		0.500	0.4152		mg/L		83	73 - 144
Vinyl chloride	ND		0.500	0.2739	F1	mg/L		55	56 - 129
Chloroform	0.00415	J B	0.500	0.4598		mg/L		91	66 - 138
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	98		70 - 130						
4-Bromofluorobenzene (Surr)	100		70 - 130						
Dibromofluoromethane (Surr)	101		70 - 130						
Toluene-d8 (Surr)	93		70 - 130						

Lab Sample ID: 480-68578-B-2-C MSD

Matrix: Waste

Analysis Batch: 196030

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		0.500	0.3078	F1	mg/L		62	70 - 142	1	17
1,2-Dichloroethane	ND		0.500	0.4514		mg/L		90	64 - 136	1	17
2-Butanone (MEK)	ND		2.50	2.560		mg/L		102	50 - 138	0	19
Benzene	0.0124		0.500	0.4288		mg/L		83	75 - 133	5	17
Carbon tetrachloride	ND		0.500	0.3561		mg/L		71	62 - 164	3	19
Chlorobenzene	ND		0.500	0.4313		mg/L		86	80 - 129	2	14
Tetrachloroethene	ND		0.500	0.3922		mg/L		78	72 - 145	2	16
Trichloroethene	ND		0.500	0.4056		mg/L		81	73 - 144	2	17
Vinyl chloride	ND		0.500	0.2700	F1	mg/L		54	56 - 129	1	17
Chloroform	0.00415	J B	0.500	0.4449		mg/L		88	66 - 138	3	18
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	94		70 - 130								
4-Bromofluorobenzene (Surr)	99		70 - 130								
Dibromofluoromethane (Surr)	99		70 - 130								
Toluene-d8 (Surr)	94		70 - 130								

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

Lab Sample ID: MB 490-195933/1-A

Matrix: Waste

Analysis Batch: 196223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		200000	27600	ug/L		10/07/14 11:35	10/08/14 19:44	2
2,4,5-Trichlorophenol	ND		500000	40600	ug/L		10/07/14 11:35	10/08/14 19:44	2
2,4,6-Trichlorophenol	ND		200000	35200	ug/L		10/07/14 11:35	10/08/14 19:44	2
2,4-Dinitrotoluene	ND		200000	66600	ug/L		10/07/14 11:35	10/08/14 19:44	2
Cresols	ND		200000	66600	ug/L		10/07/14 11:35	10/08/14 19:44	2
Hexachlorobenzene	ND		200000	33800	ug/L		10/07/14 11:35	10/08/14 19:44	2
Hexachlorobutadiene	ND		200000	66600	ug/L		10/07/14 11:35	10/08/14 19:44	2
Hexachloroethane	ND		200000	66600	ug/L		10/07/14 11:35	10/08/14 19:44	2

TestAmerica Nashville



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: MB 490-195933/1-A

Matrix: Waste

Analysis Batch: 196223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		200000	24800	ug/L		10/07/14 11:35	10/08/14 19:44	2
Pyridine	ND		200000	45000	ug/L		10/07/14 11:35	10/08/14 19:44	2
Pentachlorophenol	ND		500000	33000	ug/L		10/07/14 11:35	10/08/14 19:44	2

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		10 - 120	10/07/14 11:35	10/08/14 19:44	2
2-Fluorobiphenyl (Surr)	84		29 - 120	10/07/14 11:35	10/08/14 19:44	2
2-Fluorophenol (Surr)	76		10 - 120	10/07/14 11:35	10/08/14 19:44	2
Nitrobenzene-d5 (Surr)	72		27 - 120	10/07/14 11:35	10/08/14 19:44	2
Phenol-d5 (Surr)	79		10 - 120	10/07/14 11:35	10/08/14 19:44	2
Terphenyl-d14 (Surr)	69		13 - 120	10/07/14 11:35	10/08/14 19:44	2

Lab Sample ID: LCS 490-195933/2-A

Matrix: Waste

Analysis Batch: 196223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	200000	176200	J	ug/L		88	31 - 120
2,4,5-Trichlorophenol	200000	170900	J	ug/L		85	40 - 129
2,4,6-Trichlorophenol	200000	170900	J	ug/L		85	39 - 135
2,4-Dinitrotoluene	200000	157600	J	ug/L		79	46 - 132
Cresols	400000	372100		ug/L		93	33 - 120
Hexachlorobenzene	200000	160800	J	ug/L		80	48 - 131
Hexachlorobutadiene	200000	189500	J	ug/L		95	28 - 120
Hexachloroethane	200000	169300	J	ug/L		85	30 - 120
Nitrobenzene	200000	177300	J	ug/L		89	36 - 120
Pyridine	200000	ND		ug/L		16	10 - 120
Pentachlorophenol	400000	383700	J	ug/L		96	21 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	66		10 - 120
2-Fluorobiphenyl (Surr)	82		29 - 120
2-Fluorophenol (Surr)	82		10 - 120
Nitrobenzene-d5 (Surr)	76		27 - 120
Phenol-d5 (Surr)	91		10 - 120
Terphenyl-d14 (Surr)	73		13 - 120

Lab Sample ID: LB 490-195772/1-B

Matrix: Waste

Analysis Batch: 196223

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 195829

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		40.0	5.52	ug/L		10/07/14 08:07	10/08/14 15:57	2
2,4,5-Trichlorophenol	ND		100	8.12	ug/L		10/07/14 08:07	10/08/14 15:57	2
2,4,6-Trichlorophenol	ND		40.0	7.04	ug/L		10/07/14 08:07	10/08/14 15:57	2
2,4-Dinitrotoluene	ND		40.0	13.3	ug/L		10/07/14 08:07	10/08/14 15:57	2
Cresols	ND		40.0	13.3	ug/L		10/07/14 08:07	10/08/14 15:57	2
Hexachlorobenzene	ND		40.0	6.76	ug/L		10/07/14 08:07	10/08/14 15:57	2

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: LB 490-195772/1-B

Matrix: Waste

Analysis Batch: 196223

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 195829

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		40.0	13.3	ug/L		10/07/14 08:07	10/08/14 15:57	2
Hexachloroethane	ND		40.0	13.3	ug/L		10/07/14 08:07	10/08/14 15:57	2
Nitrobenzene	ND		40.0	4.96	ug/L		10/07/14 08:07	10/08/14 15:57	2
Pyridine	ND		40.0	9.00	ug/L		10/07/14 08:07	10/08/14 15:57	2
Pentachlorophenol	ND		100	6.60	ug/L		10/07/14 08:07	10/08/14 15:57	2

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		10 - 120	10/07/14 08:07	10/08/14 15:57	2
2-Fluorobiphenyl (Surr)	70		29 - 120	10/07/14 08:07	10/08/14 15:57	2
2-Fluorophenol (Surr)	56		10 - 120	10/07/14 08:07	10/08/14 15:57	2
Nitrobenzene-d5 (Surr)	64		27 - 120	10/07/14 08:07	10/08/14 15:57	2
Phenol-d5 (Surr)	47		10 - 120	10/07/14 08:07	10/08/14 15:57	2
Terphenyl-d14 (Surr)	69		13 - 120	10/07/14 08:07	10/08/14 15:57	2

## Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 490-195937/1-A

Matrix: Waste

Analysis Batch: 197256

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195937

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.100	0.0700	mg/L		10/07/14 11:40	10/11/14 12:54	1
Endrin	ND		0.100	0.0100	mg/L		10/07/14 11:40	10/11/14 12:54	1
gamma-BHC (Lindane)	ND		0.100	0.0100	mg/L		10/07/14 11:40	10/11/14 12:54	1
Heptachlor	ND		0.100	0.0100	mg/L		10/07/14 11:40	10/11/14 12:54	1
Heptachlor epoxide	ND		0.100	0.0700	mg/L		10/07/14 11:40	10/11/14 12:54	1
Methoxychlor	ND		0.100	0.0100	mg/L		10/07/14 11:40	10/11/14 12:54	1
Toxaphene	ND		5.00	3.50	mg/L		10/07/14 11:40	10/11/14 12:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	95		10 - 141	10/07/14 11:40	10/11/14 12:54	1
Tetrachloro-m-xylene	98		38 - 150	10/07/14 11:40	10/11/14 12:54	1

Lab Sample ID: LCS 490-195937/2-A

Matrix: Waste

Analysis Batch: 197256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	2.00	1.889	E	mg/L		94	54 - 150
gamma-BHC (Lindane)	2.00	0.9439	E p *	mg/L		47	50 - 138
Heptachlor	2.00	1.597	E	mg/L		80	43 - 146
Heptachlor epoxide	2.00	1.585	E	mg/L		79	50 - 136
Methoxychlor	2.00	1.527	E	mg/L		76	35 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	96		10 - 141
Tetrachloro-m-xylene	95		38 - 150

TestAmerica Nashville

## QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

### Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 490-195937/3-A

Matrix: Waste

Analysis Batch: 197256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlordane (technical)	5.00	5.260		mg/L		105	49 - 150

Surrogate	%Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	99		10 - 141
Tetrachloro-m-xylene	95		38 - 150

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 490-195849/1-A

Matrix: Waste

Analysis Batch: 197777

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1221	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1232	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1242	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1248	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1254	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1
PCB-1260	ND		0.500	0.500	mg/Kg		10/07/14 09:32	10/15/14 11:16	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	92		20 - 150	10/07/14 09:32	10/15/14 11:16	1
Tetrachloro-m-xylene	106		19 - 147	10/07/14 09:32	10/15/14 11:16	1

Lab Sample ID: LCS 490-195849/2-A

Matrix: Waste

Analysis Batch: 197777

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195849

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1248	5.00	5.347		mg/Kg		107	45 - 149

Surrogate	%Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	105		20 - 150
Tetrachloro-m-xylene	120		19 - 147

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

Lab Sample ID: MB 490-197942/2-A

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 197942

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0990	0.0717	mg/Kg		10/14/14 17:54	10/15/14 19:08	1
2,4-D	ND		0.210	0.206	mg/Kg		10/14/14 17:54	10/15/14 19:08	1

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: MB 490-197942/2-A

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 197942

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
Dichloroacetic acid(Surr)	82	p	10 - 150	10/14/14 17:54	10/15/14 19:08	1

Lab Sample ID: LCS 490-197942/3-A

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 197942

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier			Limits			
Silvex (2,4,5-TP)			0.250	0.1891	p	mg/Kg		76	10 - 139		
2,4-D			0.250	0.2242	p	mg/Kg		90	10 - 130		

Lab Sample ID: LB 490-196719/1-E

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 197942

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silvex (2,4,5-TP)	ND		0.0990	0.0717	mg/Kg		10/14/14 17:54	10/15/14 18:54	1
2,4-D	ND		0.210	0.206	mg/Kg		10/14/14 17:54	10/15/14 18:54	1
Surrogate	LB	LB	Limits				Prepared	Analyzed	Dil Fac
Dichloroacetic acid(Surr)	86	p	10 - 150				10/14/14 17:54	10/15/14 18:54	1

Lab Sample ID: 490-63167-A-2-O MS

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 197942

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Silvex (2,4,5-TP)	ND	*	0.250	0.1942	p	mg/Kg		78	10 - 139		
2,4-D	ND	*	0.250	0.2185	p	mg/Kg		87	10 - 161		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
Dichloroacetic acid(Surr)	82	p	10 - 150								

Lab Sample ID: 490-63167-A-2-P MSD

Matrix: Waste

Analysis Batch: 198290

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 197942

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Silvex (2,4,5-TP)	ND	*	0.250	0.2062	p	mg/Kg		82	10 - 139	6	50
2,4-D	ND	*	0.250	0.2325	p	mg/Kg		93	10 - 161	6	50
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
Dichloroacetic acid(Surr)	88	p	10 - 150								

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

## Method: 6010C - Metals (ICP)

Lab Sample ID: LCSD 490-195959/4-A

Matrix: Waste

Analysis Batch: 196383

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 195959

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	2.00	2.069		mg/L		103	80 - 120	2	20
Barium	20.0	20.92		mg/L		105	80 - 120	3	20
Cadmium	2.00	2.038		mg/L		102	80 - 120	3	20
Chromium	10.0	10.13		mg/L		101	80 - 120	3	20
Silver	2.00	1.877		mg/L		94	80 - 120	2	20
Lead	10.0	10.44		mg/L		104	80 - 120	3	20
Selenium	2.00	2.121		mg/L		106	80 - 120	4	20

Lab Sample ID: MB 490-195961/1-A

Matrix: Waste

Analysis Batch: 196387

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.500	0.0720	mg/L		10/07/14 12:48	10/08/14 13:03	1
Barium	ND		10.0	0.0500	mg/L		10/07/14 12:48	10/08/14 13:03	1
Cadmium	ND		0.100	0.00500	mg/L		10/07/14 12:48	10/08/14 13:03	1
Chromium	ND		0.500	0.0300	mg/L		10/07/14 12:48	10/08/14 13:03	1
Silver	ND		0.500	0.0250	mg/L		10/07/14 12:48	10/08/14 13:03	1
Lead	ND		0.500	0.0200	mg/L		10/07/14 12:48	10/08/14 13:03	1
Selenium	ND		0.100	0.0500	mg/L		10/07/14 12:48	10/08/14 13:03	1

Lab Sample ID: LCS 490-195961/3-A

Matrix: Waste

Analysis Batch: 196387

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 195961

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	2.094		mg/L		105	80 - 120
Barium	20.0	20.52		mg/L		103	80 - 120
Cadmium	2.00	2.043		mg/L		102	80 - 120
Chromium	10.0	10.14		mg/L		101	80 - 120
Silver	2.00	1.885		mg/L		94	80 - 120
Lead	10.0	10.16		mg/L		102	80 - 120
Selenium	2.00	2.052		mg/L		103	80 - 120

Lab Sample ID: LCSD 490-195961/4-A

Matrix: Waste

Analysis Batch: 196387

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 195961

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	2.00	2.077		mg/L		104	80 - 120	1	20
Barium	20.0	20.95		mg/L		105	80 - 120	2	20
Cadmium	2.00	2.030		mg/L		102	80 - 120	1	20
Chromium	10.0	9.991		mg/L		100	80 - 120	1	20
Silver	2.00	1.860		mg/L		93	80 - 120	1	20
Lead	10.0	10.35		mg/L		104	80 - 120	2	20
Selenium	2.00	2.064		mg/L		103	80 - 120	1	20

TestAmerica Nashville



# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: LB 490-195772/1-C

Matrix: Waste

Analysis Batch: 196383

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 195959

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.500	0.0720	mg/L		10/07/14 12:43	10/08/14 11:50	1
Barium	ND		10.0	0.0500	mg/L		10/07/14 12:43	10/08/14 11:50	1
Cadmium	ND		0.100	0.00500	mg/L		10/07/14 12:43	10/08/14 11:50	1
Chromium	ND		0.500	0.0300	mg/L		10/07/14 12:43	10/08/14 11:50	1
Silver	ND		0.500	0.0250	mg/L		10/07/14 12:43	10/08/14 11:50	1
Lead	ND		0.500	0.0200	mg/L		10/07/14 12:43	10/08/14 11:50	1
Selenium	ND		0.100	0.0500	mg/L		10/07/14 12:43	10/08/14 11:50	1

Lab Sample ID: LB 490-195421/1-E

Matrix: Waste

Analysis Batch: 196387

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 195961

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.500	0.0720	mg/L		10/07/14 12:48	10/08/14 13:06	1
Barium	0.05800	J	10.0	0.0500	mg/L		10/07/14 12:48	10/08/14 13:06	1
Cadmium	ND		0.100	0.00500	mg/L		10/07/14 12:48	10/08/14 13:06	1
Chromium	ND		0.500	0.0300	mg/L		10/07/14 12:48	10/08/14 13:06	1
Silver	ND		0.500	0.0250	mg/L		10/07/14 12:48	10/08/14 13:06	1
Lead	ND		0.500	0.0200	mg/L		10/07/14 12:48	10/08/14 13:06	1
Selenium	ND		0.100	0.0500	mg/L		10/07/14 12:48	10/08/14 13:06	1

Lab Sample ID: 490-62875-A-2-C MS

Matrix: Waste

Analysis Batch: 196387

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 195961

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2.00	2.310		mg/L		116	75 - 125
Barium	0.862	J B	20.0	22.55		mg/L		108	75 - 125
Cadmium	0.153		2.00	2.337		mg/L		109	75 - 125
Chromium	ND		10.0	10.57		mg/L		106	75 - 125
Silver	ND		2.00	1.982		mg/L		99	75 - 125
Lead	ND		10.0	11.21		mg/L		112	75 - 125
Selenium	ND		2.00	2.333		mg/L		117	75 - 125

Lab Sample ID: 490-62875-A-2-D MSD

Matrix: Waste

Analysis Batch: 196387

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 195961

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		2.00	2.117		mg/L		106	75 - 125	9	20
Barium	0.862	J B	20.0	20.41		mg/L		98	75 - 125	10	20
Cadmium	0.153		2.00	2.179		mg/L		101	75 - 125	7	20
Chromium	ND		10.0	9.825		mg/L		98	75 - 125	7	20
Silver	ND		2.00	1.840		mg/L		92	75 - 125	7	20
Lead	ND		10.0	10.15		mg/L		102	75 - 125	10	20
Selenium	ND		2.00	2.097		mg/L		105	75 - 125	11	20

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 490-195508/1-A

Matrix: Waste

Analysis Batch: 196395

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 195508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000150	mg/L		10/05/14 09:40	10/08/14 11:22	1

Lab Sample ID: MB 490-196139/1-A

Matrix: Waste

Analysis Batch: 196395

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 196139

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00200	0.00150	mg/L		10/08/14 08:24	10/08/14 14:07	1

Lab Sample ID: LCS 490-196139/2-A

Matrix: Waste

Analysis Batch: 196395

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 196139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0200	0.02244		mg/L		112	80 - 120

Lab Sample ID: LCSD 490-196139/3-A

Matrix: Waste

Analysis Batch: 196395

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 196139

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0200	0.02169		mg/L		108	80 - 120	3	20

Lab Sample ID: LB 490-195772/1-E

Matrix: Waste

Analysis Batch: 196395

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 195508

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000150	mg/L		10/05/14 09:40	10/08/14 11:35	1

Lab Sample ID: 490-62711-B-1-F MS

Matrix: Waste

Analysis Batch: 196395

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 196139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0200	0.01606		mg/L		80	75 - 125

Lab Sample ID: 490-62711-B-1-G MSD

Matrix: Waste

Analysis Batch: 196395

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 196139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0200	0.01754		mg/L		88	75 - 125	9	20

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: MB 490-198394/1

Matrix: Waste

Analysis Batch: 198394

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200		1.00	1.00	Degrees F			10/16/14 09:37	1

Lab Sample ID: LCS 490-198394/2

Matrix: Waste

Analysis Batch: 198394

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	81.00		Degrees F		100	94 - 106

Lab Sample ID: LCSD 490-198394/15

Matrix: Waste

Analysis Batch: 198394

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
Flashpoint	81.0	84.00		Degrees F		104	94 - 106	4	20

Lab Sample ID: 490-62920-G-4 DU

Matrix: Waste

Analysis Batch: 198394

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Flashpoint	>200		>200		Degrees F				NC	10

## Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 490-196064/1-A

Matrix: Waste

Analysis Batch: 196614

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 196064

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		2.00	0.600	mg/Kg		10/07/14 15:00	10/08/14 18:11	1

Lab Sample ID: LCS 490-196064/2-A

Matrix: Waste

Analysis Batch: 196614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 196064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.850		mg/Kg		97	80 - 120

Lab Sample ID: 490-62952-D-1-H MS

Matrix: Waste

Analysis Batch: 196614

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 196064

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		5.00	ND	F1	mg/Kg		0	69 - 135

TestAmerica Nashville

# QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

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

Lab Sample ID: MB 490-196052/1-A  
Matrix: Waste  
Analysis Batch: 196067

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 196052

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		20.0	12.1	mg/Kg		10/07/14 12:26	10/07/14 15:33	1

Lab Sample ID: LCS 490-196052/2-A  
Matrix: Waste  
Analysis Batch: 196067

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 196052

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	200	197.0		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 490-196052/8-A  
Matrix: Waste  
Analysis Batch: 196067

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 196052

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	200	196.1		mg/Kg		98	80 - 120	0	20

Lab Sample ID: 490-62941-5 MS  
Matrix: Waste  
Analysis Batch: 196067

Client Sample ID: PTM-TCLP-02  
Prep Type: Total/NA  
Prep Batch: 196052

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	ND		200	73.57	F1	mg/Kg		37	70 - 130

Lab Sample ID: 490-62941-5 MSD  
Matrix: Waste  
Analysis Batch: 196067

Client Sample ID: PTM-TCLP-02  
Prep Type: Total/NA  
Prep Batch: 196052

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	ND		200	71.16	F1	mg/Kg		36	70 - 130	3	20

Lab Sample ID: 490-62952-D-1-F DU  
Matrix: Waste  
Analysis Batch: 196067

Client Sample ID: Duplicate  
Prep Type: Total/NA  
Prep Batch: 196052

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	108		36.48	F3	mg/Kg		99	20

## Method: 9045D - Corrosivity as pH

Lab Sample ID: LCS 490-196176/5  
Matrix: Waste  
Analysis Batch: 196176

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.050		SU		101	95 - 105

TestAmerica Nashville

## QC Sample Results

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

### Method: 9045D - Corrosivity as pH (Continued)

Lab Sample ID: 490-62833-C-1-F DU

Matrix: Waste

Analysis Batch: 196176

Client Sample ID: Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	RPD Limit
			Result	Qualifier				
pH	9.83		9.830		SU		0	20
Temperature	21.1		21.10		Degrees C		0	20



# QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

## GC/MS VOA

### Leach Batch: 195771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68578-B-2-C MS	Matrix Spike	TCLP	Waste	1311	
480-68578-B-2-C MSD	Matrix Spike Duplicate	TCLP	Waste	1311	
490-62941-5	PTM-TCLP-02	TCLP	Waste	1311	
LB 490-195771/1-A	Method Blank	TCLP	Waste	1311	

### Analysis Batch: 196030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-68578-B-2-C MS	Matrix Spike	TCLP	Waste	8260B	195771
480-68578-B-2-C MSD	Matrix Spike Duplicate	TCLP	Waste	8260B	195771
490-62941-5	PTM-TCLP-02	TCLP	Waste	8260B	195771
LB 490-195771/1-A	Method Blank	TCLP	Waste	8260B	195771
LCS 490-196030/3	Lab Control Sample	Total/NA	Waste	8260B	
LCSD 490-196030/4	Lab Control Sample Dup	Total/NA	Waste	8260B	
MB 490-196030/7	Method Blank	Total/NA	Waste	8260B	

## GC/MS Semi VOA

### Leach Batch: 195772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	1311	
LB 490-195772/1-B	Method Blank	TCLP	Waste	1311	

### Prep Batch: 195829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 490-195772/1-B	Method Blank	TCLP	Waste	3510C	195772

### Prep Batch: 195933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	3580A	195772
LCS 490-195933/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 490-195933/1-A	Method Blank	Total/NA	Waste	3580A	

### Analysis Batch: 196223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	8270D	195933
LB 490-195772/1-B	Method Blank	TCLP	Waste	8270D	195829
LCS 490-195933/2-A	Lab Control Sample	Total/NA	Waste	8270D	195933
MB 490-195933/1-A	Method Blank	Total/NA	Waste	8270D	195933

## GC Semi VOA

### Leach Batch: 195772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	1311	

### Prep Batch: 195849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-1	PTM-WS-50/51	Total/NA	Waste	3580A	
490-62941-2	PTM-WS-42	Total/NA	Waste	3580A	
490-62941-3	PTM-WS-5/9/11/13/14	Total/NA	Waste	3580A	

TestAmerica Nashville

# QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

## GC Semi VOA (Continued)

### Prep Batch: 195849 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-4	PTM-WS-15/17/18/20/21	Total/NA	Waste	3580A	
LCS 490-195849/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 490-195849/1-A	Method Blank	Total/NA	Waste	3580A	

### Prep Batch: 195937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	3580A	195772
LCS 490-195937/2-A	Lab Control Sample	Total/NA	Waste	3580A	
LCS 490-195937/3-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 490-195937/1-A	Method Blank	Total/NA	Waste	3580A	

### Leach Batch: 196719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-63167-A-2-O MS	Matrix Spike	TCLP	Waste	1311	
490-63167-A-2-P MSD	Matrix Spike Duplicate	TCLP	Waste	1311	
LB 490-196719/1-E	Method Blank	TCLP	Waste	1311	

### Analysis Batch: 197256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	8081A	195937
LCS 490-195937/2-A	Lab Control Sample	Total/NA	Waste	8081A	195937
LCS 490-195937/3-A	Lab Control Sample	Total/NA	Waste	8081A	195937
MB 490-195937/1-A	Method Blank	Total/NA	Waste	8081A	195937

### Analysis Batch: 197777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-1	PTM-WS-50/51	Total/NA	Waste	8082A	195849
490-62941-2	PTM-WS-42	Total/NA	Waste	8082A	195849
490-62941-3	PTM-WS-5/9/11/13/14	Total/NA	Waste	8082A	195849
490-62941-4	PTM-WS-15/17/18/20/21	Total/NA	Waste	8082A	195849
LCS 490-195849/2-A	Lab Control Sample	Total/NA	Waste	8082A	195849
MB 490-195849/1-A	Method Blank	Total/NA	Waste	8082A	195849

### Prep Batch: 197942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	8151A	195772
490-63167-A-2-O MS	Matrix Spike	TCLP	Waste	8151A	196719
490-63167-A-2-P MSD	Matrix Spike Duplicate	TCLP	Waste	8151A	196719
LB 490-196719/1-E	Method Blank	TCLP	Waste	8151A	196719
LCS 490-197942/3-A	Lab Control Sample	Total/NA	Waste	8151A	
MB 490-197942/2-A	Method Blank	Total/NA	Waste	8151A	

### Analysis Batch: 198290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	8151A	197942
490-63167-A-2-O MS	Matrix Spike	TCLP	Waste	8151A	197942
490-63167-A-2-P MSD	Matrix Spike Duplicate	TCLP	Waste	8151A	197942
LB 490-196719/1-E	Method Blank	TCLP	Waste	8151A	197942
LCS 490-197942/3-A	Lab Control Sample	Total/NA	Waste	8151A	197942
MB 490-197942/2-A	Method Blank	Total/NA	Waste	8151A	197942

TestAmerica Nashville

# QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

## Metals

### Leach Batch: 195421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62875-A-2-C MS	Matrix Spike	TCLP	Waste	1311	
490-62875-A-2-D MSD	Matrix Spike Duplicate	TCLP	Waste	1311	
LB 490-195421/1-E	Method Blank	TCLP	Waste	1311	

### Leach Batch: 195422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62711-B-1-F MS	Matrix Spike	TCLP	Waste	1311	
490-62711-B-1-G MSD	Matrix Spike Duplicate	TCLP	Waste	1311	

### Prep Batch: 195508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 490-195772/1-E	Method Blank	TCLP	Waste	7470A	195772
MB 490-195508/1-A	Method Blank	Total/NA	Waste	7470A	

### Leach Batch: 195772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	TCLP	Waste	1311	
LB 490-195772/1-C	Method Blank	TCLP	Waste	1311	
LB 490-195772/1-E	Method Blank	TCLP	Waste	1311	

### Prep Batch: 195959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 490-195772/1-C	Method Blank	TCLP	Waste	3010A	195772
LCSD 490-195959/4-A	Lab Control Sample Dup	Total/NA	Waste	3010A	

### Prep Batch: 195961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62875-A-2-C MS	Matrix Spike	TCLP	Waste	3010A	195421
490-62875-A-2-D MSD	Matrix Spike Duplicate	TCLP	Waste	3010A	195421
490-62941-5	PTM-TCLP-02	TCLP	Waste	3010A	195772
LB 490-195421/1-E	Method Blank	TCLP	Waste	3010A	195421
LCS 490-195961/3-A	Lab Control Sample	Total/NA	Waste	3010A	
LCSD 490-195961/4-A	Lab Control Sample Dup	Total/NA	Waste	3010A	
MB 490-195961/1-A	Method Blank	Total/NA	Waste	3010A	

### Prep Batch: 196139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62711-B-1-F MS	Matrix Spike	TCLP	Waste	7470A	195422
490-62711-B-1-G MSD	Matrix Spike Duplicate	TCLP	Waste	7470A	195422
490-62941-5	PTM-TCLP-02	TCLP	Waste	7470A	195772
LCS 490-196139/2-A	Lab Control Sample	Total/NA	Waste	7470A	
LCSD 490-196139/3-A	Lab Control Sample Dup	Total/NA	Waste	7470A	
MB 490-196139/1-A	Method Blank	Total/NA	Waste	7470A	

### Analysis Batch: 196383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 490-195772/1-C	Method Blank	TCLP	Waste	6010C	195959
LCSD 490-195959/4-A	Lab Control Sample Dup	Total/NA	Waste	6010C	195959

TestAmerica Nashville

# QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

## Metals (Continued)

### Analysis Batch: 196387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62875-A-2-C MS	Matrix Spike	TCLP	Waste	6010C	195961
490-62875-A-2-D MSD	Matrix Spike Duplicate	TCLP	Waste	6010C	195961
490-62941-5	PTM-TCLP-02	TCLP	Waste	6010C	195961
LB 490-195421/1-E	Method Blank	TCLP	Waste	6010C	195961
LCS 490-195961/3-A	Lab Control Sample	Total/NA	Waste	6010C	195961
LCSD 490-195961/4-A	Lab Control Sample Dup	Total/NA	Waste	6010C	195961
MB 490-195961/1-A	Method Blank	Total/NA	Waste	6010C	195961

### Analysis Batch: 196395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62711-B-1-F MS	Matrix Spike	TCLP	Waste	7470A	196139
490-62711-B-1-G MSD	Matrix Spike Duplicate	TCLP	Waste	7470A	196139
490-62941-5	PTM-TCLP-02	TCLP	Waste	7470A	196139
LB 490-195772/1-E	Method Blank	TCLP	Waste	7470A	195508
LCS 490-196139/2-A	Lab Control Sample	Total/NA	Waste	7470A	196139
LCSD 490-196139/3-A	Lab Control Sample Dup	Total/NA	Waste	7470A	196139
MB 490-195508/1-A	Method Blank	Total/NA	Waste	7470A	195508
MB 490-196139/1-A	Method Blank	Total/NA	Waste	7470A	196139

## General Chemistry

### Prep Batch: 196052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	Total/NA	Waste	9030B	
490-62941-5 MS	PTM-TCLP-02	Total/NA	Waste	9030B	
490-62941-5 MSD	PTM-TCLP-02	Total/NA	Waste	9030B	
490-62952-D-1-F DU	Duplicate	Total/NA	Waste	9030B	
LCS 490-196052/2-A	Lab Control Sample	Total/NA	Waste	9030B	
LCSD 490-196052/8-A	Lab Control Sample Dup	Total/NA	Waste	9030B	
MB 490-196052/1-A	Method Blank	Total/NA	Waste	9030B	

### Prep Batch: 196064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	Total/NA	Waste	9012B	
490-62952-D-1-H MS	Matrix Spike	Total/NA	Waste	9012B	
LCS 490-196064/2-A	Lab Control Sample	Total/NA	Waste	9012B	
MB 490-196064/1-A	Method Blank	Total/NA	Waste	9012B	

### Analysis Batch: 196067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	Total/NA	Waste	9034	196052
490-62941-5 MS	PTM-TCLP-02	Total/NA	Waste	9034	196052
490-62941-5 MSD	PTM-TCLP-02	Total/NA	Waste	9034	196052
490-62952-D-1-F DU	Duplicate	Total/NA	Waste	9034	196052
LCS 490-196052/2-A	Lab Control Sample	Total/NA	Waste	9034	196052
LCSD 490-196052/8-A	Lab Control Sample Dup	Total/NA	Waste	9034	196052
MB 490-196052/1-A	Method Blank	Total/NA	Waste	9034	196052

TestAmerica Nashville

## QC Association Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

### General Chemistry (Continued)

#### Leach Batch: 196174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62833-C-1-F DU	Duplicate	Soluble	Waste	DI Leach	
490-62941-5	PTM-TCLP-02	Soluble	Waste	DI Leach	

#### Analysis Batch: 196176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62833-C-1-F DU	Duplicate	Soluble	Waste	9045D	196174
490-62941-5	PTM-TCLP-02	Soluble	Waste	9045D	196174
LCS 490-196176/5	Lab Control Sample	Total/NA	Waste	9045D	

#### Analysis Batch: 196614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62941-5	PTM-TCLP-02	Total/NA	Waste	9012B	196064
490-62952-D-1-H MS	Matrix Spike	Total/NA	Waste	9012B	196064
LCS 490-196064/2-A	Lab Control Sample	Total/NA	Waste	9012B	196064
MB 490-196064/1-A	Method Blank	Total/NA	Waste	9012B	196064

#### Analysis Batch: 198394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-62920-G-4 DU	Duplicate	Total/NA	Waste	1010A	
490-62941-5	PTM-TCLP-02	Total/NA	Waste	1010A	
LCS 490-198394/2	Lab Control Sample	Total/NA	Waste	1010A	
LCSD 490-198394/15	Lab Control Sample Dup	Total/NA	Waste	1010A	
MB 490-198394/1	Method Blank	Total/NA	Waste	1010A	



# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Client Sample ID: PTM-WS-50/51**

**Date Collected: 09/24/14 16:00**

**Date Received: 10/04/14 08:30**

**Lab Sample ID: 490-62941-1**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.02 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.02 g	10 mL	197777	10/15/14 06:20	MGH	TAL NSH

**Client Sample ID: PTM-WS-42**

**Date Collected: 09/24/14 14:45**

**Date Received: 10/04/14 08:30**

**Lab Sample ID: 490-62941-2**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.09 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.09 g	10 mL	197777	10/15/14 06:43	MGH	TAL NSH

**Client Sample ID: PTM-WS-5/9/11/13/14**

**Date Collected: 10/03/14 15:00**

**Date Received: 10/04/14 08:30**

**Lab Sample ID: 490-62941-3**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.04 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.04 g	10 mL	197777	10/15/14 07:06	MGH	TAL NSH

**Client Sample ID: PTM-WS-15/17/18/20/21**

**Date Collected: 10/03/14 15:05**

**Date Received: 10/04/14 08:30**

**Lab Sample ID: 490-62941-4**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.02 g	10 mL	195849	10/07/14 09:32	LSR	TAL NSH
Total/NA	Analysis	8082A		10	1.02 g	10 mL	197777	10/15/14 08:16	MGH	TAL NSH

**Client Sample ID: PTM-TCLP-02**

**Date Collected: 10/03/14 15:10**

**Date Received: 10/04/14 08:30**

**Lab Sample ID: 490-62941-5**

**Matrix: Waste**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	195771	10/06/14 17:07	BLG	TAL NSH
TCLP	Analysis	8260B		500	10 mL	10 mL	196030	10/07/14 19:23	MJH	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	195772	10/06/14 17:15	BLG	TAL NSH
TCLP	Prep	3580A			1.00 g	10.00 mL	195933	10/07/14 11:59	LOJ	TAL NSH
TCLP	Analysis	8270D		2	1.00 g	10.00 mL	196223	10/08/14 20:30	WDS	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	195772	10/06/14 17:15	BLG	TAL NSH
TCLP	Prep	3580A			1.00 g	10.00 mL	195937	10/07/14 11:55	LOJ	TAL NSH
TCLP	Analysis	8081A		20	1.00 g	10.00 mL	197256	10/11/14 13:43	HMT	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	195772	10/06/14 17:15	BLG	TAL NSH
TCLP	Prep	8151A			1 mL	10 mL	197942	10/14/14 17:54	FXM	TAL NSH
TCLP	Analysis	8151A		1	1 mL	10 mL	198290	10/15/14 19:37	JML	TAL NSH

TestAmerica Nashville

# Lab Chronicle

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

**Client Sample ID: PTM-TCLP-02**

**Lab Sample ID: 490-62941-5**

**Date Collected: 10/03/14 15:10**

**Matrix: Waste**

**Date Received: 10/04/14 08:30**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	195772	10/06/14 17:15	BLG	TAL NSH
TCLP	Prep	3010A			0.523 g	50 mL	195961	10/07/14 12:48	TDP	TAL NSH
TCLP	Analysis	6010C		1	0.523 g	50 mL	196387	10/08/14 14:23	DBK	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	195772	10/06/14 17:15	BLG	TAL NSH
TCLP	Prep	7470A			3 mL	30 mL	196139	10/08/14 08:24	AAS	TAL NSH
TCLP	Analysis	7470A		1	3 mL	30 mL	196395	10/08/14 15:11	AAS	TAL NSH
Total/NA	Analysis	1010A		1			198394	10/16/14 09:37	JAB	TAL NSH
Total/NA	Prep	9012B			1 g	50 mL	196064	10/07/14 15:00	MLV	TAL NSH
Total/NA	Analysis	9012B		1	1 g	50 mL	196614	10/08/14 18:13	TEM	TAL NSH
Total/NA	Prep	9030B			5 g	50 mL	196052	10/07/14 12:26	MLV	TAL NSH
Total/NA	Analysis	9034		1	5 g	50 mL	196067	10/07/14 15:33	MLV	TAL NSH
Soluble	Leach	DI Leach			20 g	20 mL	196174	10/08/14 09:39	SJM	TAL NSH
Soluble	Analysis	9045D		1	20 g	20 mL	196176	10/08/14 09:40	SJM	TAL NSH

## Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

## Method Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NSH
8081A	Organochlorine Pesticides (GC)	SW846	TAL NSH
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NSH
8151A	Herbicides (GC)	SW846	TAL NSH
6010C	Metals (ICP)	SW846	TAL NSH
7470A	Mercury (CVAA)	SW846	TAL NSH
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL NSH
9012B	Cyanide, Total and/or Amenable	SW846	TAL NSH
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL NSH
9045D	Corrosivity as pH	SW846	TAL NSH

### Protocol References:

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

### Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

# Certification Summary

Client: Oneida Total Integrated Enterprises LLC  
Project/Site: Pineville Textiles

TestAmerica Job ID: 490-62941-1

## Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	12-31-15
A2LA	ISO/IEC 17025		0453.07	12-31-15
Alaska (UST)	State Program	10	UST-087	10-31-15
Arizona	State Program	9	AZ0473	05-05-15
Arkansas DEQ	State Program	6	88-0737	04-25-15
California	NELAP	9	1168CA	10-31-14 *
Connecticut	State Program	1	PH-0220	12-31-15
Florida	NELAP	4	E87358	06-30-15
Illinois	NELAP	5	200010	12-09-14
Iowa	State Program	7	131	04-01-16
Kansas	NELAP	7	E-10229	10-31-14 *
Kentucky (UST)	State Program	4	19	06-30-15
Kentucky (WW)	State Program	4	90038	12-31-14
Louisiana	NELAP	6	30613	06-30-15
Maryland	State Program	3	316	03-31-15
Massachusetts	State Program	1	M-TN032	06-30-15
Minnesota	NELAP	5	047-999-345	12-31-14
Mississippi	State Program	4	N/A	06-30-15
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-15
New Hampshire	NELAP	1	2963	10-09-15
New Jersey	NELAP	2	TN965	06-30-15
New York	NELAP	2	11342	03-31-15
North Carolina (WW/SW)	State Program	4	387	12-31-14
North Dakota	State Program	8	R-146	06-30-14 *
Ohio VAP	State Program	5	CL0033	10-16-15
Oklahoma	State Program	6	9412	08-31-15
Oregon	NELAP	10	TN200001	04-29-15
Pennsylvania	NELAP	3	68-00585	06-30-15
Rhode Island	State Program	1	LAO00268	12-30-14
South Carolina	State Program	4	84009 (001)	02-28-15
South Carolina (DW)	State Program	4	84009 (002)	02-23-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077	08-31-15
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-15
Virginia	NELAP	3	460152	06-14-15
Washington	State Program	10	C789	07-19-15
West Virginia DEP	State Program	3	219	02-28-15
Wisconsin	State Program	5	998020430	08-31-15
Wyoming (UST)	A2LA	8	453.07	12-31-15

\* Certification renewal pending - certification considered valid.

TestAmerica Nashville

## COOLER RECEIPT FORM



490-62941 Chain of Custody

Cooler Received/Opened On 10/4/2014 @ 0830

1. Tracking # 2444 (last 4 digits, FedEx)

Courier: Fed Ex IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 2.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO NA

If yes, how many and where: \_\_\_\_\_

5. Were the seals intact, signed, and dated correctly? YES...NO NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) EZA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # \_\_\_\_\_

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES NO Was a NCM generated? YES...NO...# \_\_\_\_\_



**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

10/22/2014

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Phone (615) 726-0177 Fax (615) 726-3404

Client Information

Client Contact:  
Ms. Limari Krebs

Company:  
Oneida Total Integrated Enterprises LLC

Address:  
1220 Kennestone Circle Suite 106

City:  
Marietta

State, Zip:  
GA, 30060

Phone:  
678-355-5550(Tel) 770-528-0167(Fax)

Email:  
lkrebs@otie.com

Project Name:  
Pineville Textiles

Site:

Sampler:  
Ryan Stubbs

Phone:  
678.255.5544

Lab PM:  
Baker, Heather

E-Mail:  
heather.baker@testamericainc.com

Carrier Tracking No(s):  
FedEx  
66381901 2444

COC No:  
490-29156-10537.2

Page:  
Page 2 of 5

Due Date Requested:  
  
TAT Requested (days):  
10 Days

PO #:  
Purchase Order Requested

WO #:

Project #:  
49007622

SSOW#:

Analysis Requested

Loc: 490  
62941

Preservation Codes:  
A - HCL  
B - NaOH  
C - Zn Acetate  
D - Nitric Acid  
E - NaHSO4  
F - MeOH  
G - Amchlor  
H - Ascorbic Acid  
- Ice  
- DI Water  
- EDTA  
- EDA  
M - Hexane  
N - None  
O - AsNaO2  
P - Na2O4S  
Q - Na2SO3  
R - Na2S2SO3  
S - H2SO4  
T - TSP Dodecahydrate  
U - Acetone  
V - MCAA  
W - ph 4-5  
Z - other (specify)

Other:

Sample Identification

Sample Date

Sample Time

Sample Type  
(C=comp, G=grab)

Matrix  
(W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

8082A - Standard PCBs (1016-1280)

6010C, 7470A, 8081B, 8151A, 8270D

8280B - TCLP Sublist

SUBCONTRACT - Local Method

Reactivity

Ignitability

Corrosivity

Total Number of Col

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - Standard PCBs (1016-1280)	6010C, 7470A, 8081B, 8151A, 8270D	8280B - TCLP Sublist	SUBCONTRACT - Local Method	Reactivity	Ignitability	Corrosivity	Total Number of Col	Special Instructions/Note:
OTIEERS PTM-WS-50/51	9/24/14	1600	C	Waste	N	N	X							2	1
PTM-WS-42	9/24/14	1445	G	Waste	N	N	X							2	1
PTM-WS-5/9/11/13/14	10/03/14	1500	C	Waste	N	N	X							3	1
PTM-WS-15/17/18/20/21	10/03/14	1505	C	Waste	N	N	X							4	1
PTM-TCLP-02	10/03/14	1510	C	Waste	N	N		XX			XXX			5	2 Could only fill 1 16 oz.
				Waste											
				Waste											
				Waste											
				Waste											
				Waste											
				Waste											

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Relinquished by:

Date/Time:

Company:

Received by:

Date/Time:

Company:

Custody Seals Intact:  
Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:  
2.6

## Login Sample Receipt Checklist

Client: Oneida Total Integrated Enterprises LLC

Job Number: 490-62941-1

Login Number: 62941

List Source: TestAmerica Nashville

List Number: 1

Creator: Gambill, Shane

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	